

May 24, 1995



Mr. Scott Seery  
Alameda County Environmental Health  
1131 Harbor Way Pkwy, 2nd Flr.  
Alameda, CA 94502-5677

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

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

Re: Chevron Service Station 9-8139  
16304 Foothill Rd.  
San Leandro, California

Dear Mr. Seery,

Please find attached the 2nd quarter 1995 monitoring report prepared by Chevron's consultant, Blaine Tech Services, dated May 22, 1995. This report describes the groundwater monitoring performed at this site on May 1, 1995.

During their May 1995 site visit Blaine Tech. collected samples from the monitoring wells. These samples were then analyzed for TPHG and BTEX constituents.

For 3rd quarter reporting Chevron will implement the modified monitoring and sampling plan referred to in Ken Kan's letter to you dated April 18, 1995 regarding the Weiss Associates Non-Attainment Area Report.

As of May 01, 1995 I will be handling this site as Chevron's Groundwater Coordinator. If you have any questions or comments please feel free to call me at (510) 842-9449.

Sincerely,

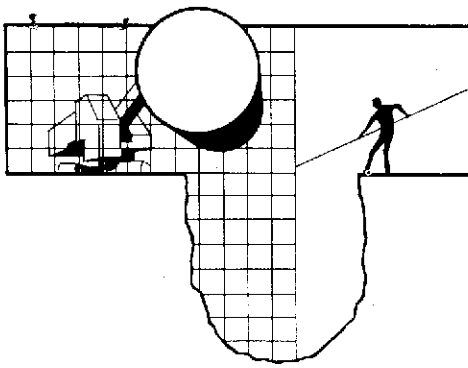
A handwritten signature in black ink, appearing to read "Tammy L. Hodge".

Tammy L Hodge  
Groundwater Coordinator  
Site Assessment and Remediation

Enclosure

cc: Mr. Kevin Graves RWQCB- S.F. Bay Region  
Mr. Steve Willer, Chevron Property Development  
File (9-8139)

MAY 24 10 40 AM '95  
ENVIRONMENTAL  
HEALTH



# BLAINE TECH SERVICES INC.

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

May 22, 1995

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

## 2nd Quarter 1995 Monitoring at 9-8139

Second Quarter 1995 Groundwater Monitoring at  
Chevron Service Station Number 9-8139  
16304 Foothill Blvd.  
San Leandro, CA

Monitoring Performed on May 1, 1995

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### Groundwater Sampling Report 950501-H-1

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

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

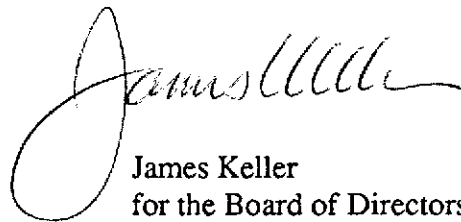
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater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

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

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

Please call if you have any questions.

Yours truly,

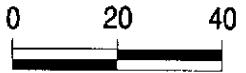
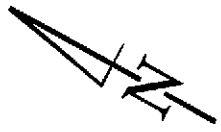
A handwritten signature in cursive script, appearing to read "James Keller".

James Keller  
for the Board of Directors

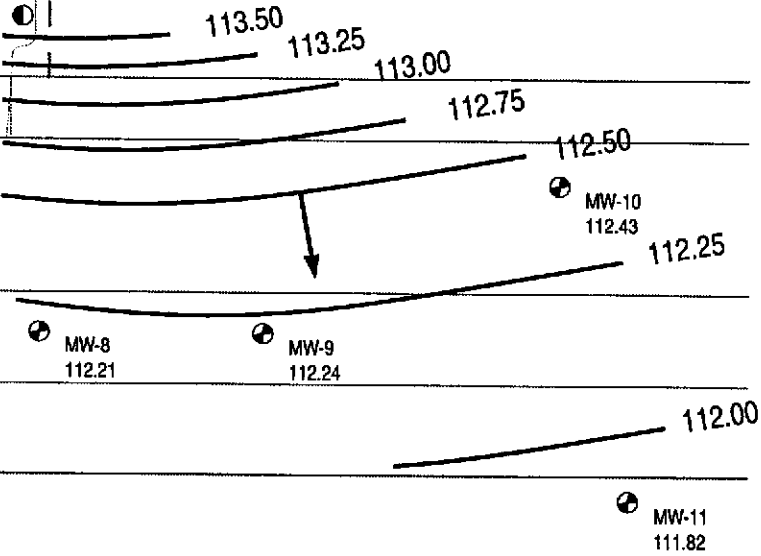
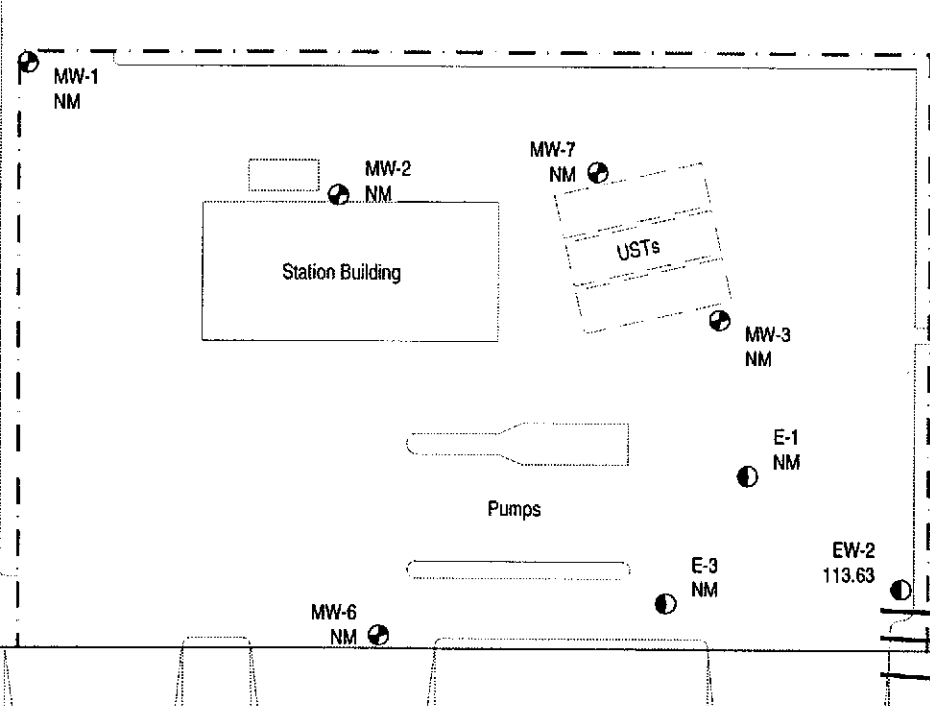
JPK/dk

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

# **Professional Engineering Appendix**

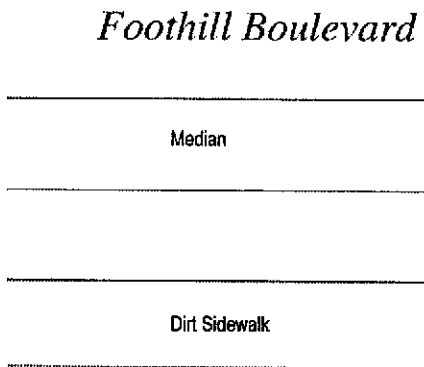


Scale (ft)



LEGEND

- Monitoring Well
- Extraction Well
- X.XX Ground Water Elevation (ft-msl)
- Ground Water Elevation Contour
- Ground Water Flow Direction



Base map by Sierra Environmental

**CAMBRIA**  
Environmental Technology, Inc.

Chevron Station 9-8139  
16304 Foothill Boulevard  
San Leandro, California

D:\PROJECT\CHEVRON\9-8139\8139-QM.DWG

Ground Water Elevation  
May 1, 1995

FIGURE  
**1**

**Table of  
Well Data and  
Analytical Results**

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-1</b>										
12/05/89	127.09	--	--	*						
03/23/90	127.09	114.17	12.92	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5
05/24/90	127.09	--	--	--	--	--	--	--	--	--
09/06/90	127.09	112.41	14.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/25/90	127.09	112.08	15.01	--	<50	<0.5	0.8	<0.5	<0.5	<0.5
11/29/90	127.09	112.27	14.82	--	--	--	--	--	--	--
02/20/91	127.09	112.80	14.29	--	<50	0.7	0.9	<0.5	1.0	--
04/19/91	127.09	114.93	12.16	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/22/91	127.09	113.40	13.69	--	--	--	--	--	--	--
08/22/91	127.09	111.71	15.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	127.09	111.29	15.80	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	127.09	112.38	14.71	--	<50	0.5	<0.5	<0.5	0.5	--
04/23/92	127.09	114.87	12.22	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	127.09	112.79	14.30	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	127.09	111.19	15.90	--	<50	0.6	<0.5	<0.5	<0.5	--
01/29/93	127.09	116.58	10.51	--	<50	3.0	3.0	0.7	3.0	--
04/30/93	127.09	117.19	9.90	--	<50	<0.5	0.7	<0.5	1.0	--
07/14/93	127.09	114.81	12.28	--	<50	0.7	1.0	<0.5	3.0	--
10/27/93	127.09	111.56	15.53	--	<50	0.9	2.0	<0.5	2.0	--
01/13/94	127.09	114.85	12.24	--	<50	<0.5	0.9	<0.5	<0.5	--
04/22/94	127.09	114.18	12.91	--	<50	1.1	2.6	1.0	5.5	--
07/29/94	127.09	114.34	12.75	--	<50	<0.5	0.9	<0.5	<0.5	--
10/25/94	127.09	113.46	13.63	--	100	0.6	1.6	<0.5	4.1	--
01/19/95	127.09	117.16	9.93	--	<50	<0.5	<0.5	<0.5	<0.5	--

NO LONGER MONITORED OR SAMPLED

\*TPH-Diesel not detected at detection limit of 1000 ppb. Oil and Grease not detected at detection limit of 5000 ppb.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-2</b>										
12/05/89	125.98	--	--	*	<500	<0.5	<0.5	<0.5	0.9	<0.5
03/23/90	125.98	113.58	12.40	--	--	--	--	--	--	--
05/24/90	125.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/06/90	125.98	111.13	14.85	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/25/90	125.98	111.18	14.80	--	--	--	--	--	--	--
11/29/90	125.98	111.58	14.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/91	125.98	111.89	14.09	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	125.98	113.36	12.62	--	--	--	--	--	--	--
05/22/91	125.98	113.00	12.98	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/22/91	125.98	111.05	14.93	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	125.98	110.56	15.42	--	58	<0.5	0.5	0.7	2.3	--
01/30/92	125.98	111.28	14.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	125.98	112.15	13.83	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	125.98	110.68	15.30	--	<50	<0.5	<0.5	<0.5	1.1	--
10/26/92	125.98	110.36	15.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	125.98	116.72	9.26	--	<50	3.0	8.0	1.0	5.0	--
04/30/93	125.98	116.32	9.66	--	<1300	<13	<13	<13	<13	--
07/14/93	125.98	114.08	11.90	--	<50	0.8	2.0	0.8	4.0	--
10/27/93	125.98	112.49	13.49	--	<50	1.0	2.0	1.0	2.0	--
01/13/94	125.98	113.99	11.99	--	<50	<0.5	0.6	<0.5	<0.5	--
04/22/94	125.98	113.25	12.73	--	<50	0.6	<0.5	<0.5	1.7	--
07/29/94	125.98	113.68	12.30	--	<50	<0.5	0.9	<0.5	<0.5	--
10/25/94	125.98	112.59	13.39	--	<50	<0.5	0.8	<0.5	2.1	--
01/19/95	125.98	117.27	8.71	--	<50	<0.5	2.3	<0.5	<0.5	--

NO LONGER MONITORED OR SAMPLED

\*TPH-Diesel not detected at detection limit of 1000 ppb. Oil and Grease not detected at detection limit of 5000 ppb.



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-3</b>										
12/05/89	127.84	--	--	*	24,000	2400	1800	360	2600	<0.5
12/05/89	127.84	--	--	Duplicate	24,000	2500	1900	390	2600	<0.5
03/23/90	127.84	110.34	17.50	--	--	--	--	--	--	--
05/24/90	127.84	--	--	--	9000	2600	1700	250	1500	--
05/24/90	127.84	--	--	Duplicate	10,000	2600	1800	260	1600	--
09/06/90	126.77	108.05	18.72	--	3500	900	550	110	460	<0.5
09/25/90	126.77	108.37	18.40	--	--	--	--	--	--	--
11/29/90	126.77	107.80	18.97	--	9200	1100	1100	210	1100	--
02/20/91	126.77	107.57	19.20	--	8800	960	780	200	920	--
04/19/91	126.77	108.96	17.81	--	--	--	--	--	--	--
05/22/91	126.77	108.89	17.88	--	28,000	5800	1200	460	2300	--
08/01/91	126.77	107.54	19.23	--	--	--	--	--	--	--
08/22/91	126.77	106.60	20.17	--	21,000	3100	2000	480	2000	--
08/22/91	126.77	--	--	Duplicate	19,000	2700	1800	420	1700	--
11/13/91	126.77	106.82	19.95	--	18,000	2400	1200	450	2200	--
01/30/92	126.77	107.63	19.14	--	18,000	3800	920	700	2600	--
04/23/92	126.77	109.02	17.75	--	46,000	5000	1900	1000	3500	--
07/27/92	126.77	107.77	19.00	--	26,000	4900	1100	1200	3600	--
10/26/92	126.77	107.15	19.62	--	6600	1100	41	220	570	--
01/29/93	126.77	110.82	15.95	--	32,000	5900	2900	1300	5000	--
04/30/93	126.77	111.10	15.67	--	14,000	6100	98	870	2400	--
07/14/93	126.77	109.94	16.83	--	12,000	3100	1100	720	2900	--
10/27/93	126.77	109.07	17.70	--	19,000	7800	400	1500	3400	--
01/13/94	126.77	110.23	16.54	--	51,000	3700	140	720	1800	--
04/22/94	126.77	109.75	17.02	--	22,000	9300	89	1200	2400	--
07/29/94	126.77	109.82	16.95	--	13,000	4700	44	580	420	--
10/25/94	126.77	109.11	17.66	--	24,000	8700	52	1500	1400	--
01/19/95	126.77	112.90	13.87	--	17,000	9300	36	1600	740	--

NO LONGER MONITORED OR SAMPLED

\*Oil and Grease not detected at detection limit of 5000 ppb.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-4</b>										
12/05/89	125.22	--	--	--	19,000	390	1300	460	1800	<0.5
03/23/90	125.22	109.20	16.02	--	--	--	--	--	--	--
05/24/90	125.22	--	--	--	4500	210	440	140	480	--
09/06/90	125.22	107.87	17.35	--	6000	680	520	170	580	<0.5
09/25/90	125.22	107.74	17.48	--	--	--	--	--	--	--
11/29/90	125.22	107.61	17.61	--	15,000	800	1000	430	1700	--
02/20/91	125.22	107.41	17.81	--	15,000	640	390	420	1600	--
02/20/91	125.22	--	--	Duplicate	15,000	680	410	430	1600	--
04/19/91	125.22	109.42	15.80	--	--	--	--	--	--	--
05/22/91	125.22	108.54	16.68	--	9800	580	140	310	740	--
05/22/91	125.22	--	--	Duplicate	7200	520	130	270	670	--
06/10/91	--	--	--	Redesignated EW-3	--	--	--	--	--	--
<b>EW-3</b>										
08/01/91	125.22	107.73	17.49	--	--	--	--	--	--	--
10/27/93	125.22	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	125.22	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	125.22	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	125.22	--	--	--	<50	1.3	1.3	0.6	5.3	--
10/25/94	125.22	109.02	16.20	--	--	--	--	--	--	--
01/19/95	125.22	112.51	12.71	--	240	45	0.8	22	48	--

NO LONGER MONITORED OR SAMPLED

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-5</b>										
03/23/90	125.85	108.96	16.89	--	--	--	--	--	--	--
05/25/90	125.85	--	--	--	28,000	920	1100	460	1300	2.4
09/07/90	125.85	107.42	18.46	Free Product (0.04')	--	--	--	--	--	--
09/25/90	125.85	107.54	18.87	Free Product (1.30')	--	--	--	--	--	--
11/29/90	125.85	107.31	18.91	Free Product (0.71')	--	--	--	--	--	--
02/20/91	125.85	109.24	16.99	Free Product (0.47')	--	--	--	--	--	--
04/19/91	125.85	107.58	19.30	Free Product (0.48')	--	--	--	--	--	--
05/22/91	125.85	108.42	17.69	Free Product (0.33')	--	--	--	--	--	--
06/10/91	--	--	--	Redesignated EW-2	--	--	--	--	--	--
<b>EW-2</b>										
08/01/91	125.79	107.72	18.07	--	--	--	--	--	--	--
04/22/94	125.79	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/94	125.79	109.10	16.69	--	--	--	--	--	--	--
01/19/95	125.79	113.59	12.20	--	1700	540	69	56	400	--
05/01/95	125.79	113.63	12.16	--	<50	13	<0.5	<0.5	2.1	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-6</b>										
03/23/90	124.18	105.67	18.51	--	--	--	--	--	--	--
05/25/90	124.18	--	--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.02
09/07/90	124.18	108.00	16.18	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
09/25/90	124.18	107.76	16.42	--	--	--	--	--	--	--
11/29/90	124.18	108.07	16.11	--	<50	<0.5	<0.5	<0.5	<0.5	<0.05
02/20/91	124.18	108.09	16.09	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	124.18	109.03	15.15	--	--	--	--	--	--	--
05/22/91	124.18	108.77	15.41	--	<50	0.5	0.7	<0.5	1.1	--
08/23/91	124.18	106.38	17.80	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/14/91	124.18	107.66	16.52	--	<50	<0.5	<0.5	<0.5	<0.5	<0.02
11/14/91	124.18	--	--	Duplicate	<50	<0.5	0.6	<0.5	1.1	<0.05
01/31/92	124.18	107.70	16.48	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/31/92	124.18	--	--	Duplicate	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	124.18	107.98	16.20	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	124.18	--	--	Duplicate	--	--	--	--	--	--
07/27/92	124.18	107.66	16.52	--	<50	1.2	0.6	<0.5	1.9	--
10/26/92	124.18	107.06	17.12	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	124.18	111.05	13.13	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/30/93	124.18	109.32	14.86	--	<50	<0.5	<0.5	<0.5	0.6	--
07/14/93	124.18	109.57	14.61	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/93	124.18	108.80	15.38	--	<50	0.9	1.0	0.6	1.0	--
01/13/94	124.18	108.84	15.34	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	124.18	109.11	15.07	--	<50	<0.5	<0.5	<0.5	2.5	--
07/29/94	124.18	108.88	15.30	--	<50	7.5	1.2	1.0	1.1	--
10/25/94	124.18	108.49	15.69	--	<50	<0.5	<0.5	<0.5	1.2	--
01/19/95	124.18	112.69	11.49	--	<50	<0.5	3.1	<0.5	0.6	--

NO LONGER MONITORED OR SAMPLED

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-7</b>										
03/23/90	126.86	105.46	21.40	--	--	--	--	--	--	--
05/25/90	126.86	--	--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.02
09/07/90	126.86	108.48	18.38	--	--	--	--	--	--	--
09/25/90	126.86	107.61	19.25	--	--	--	--	--	--	--
09/27/90	126.86	--	--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
09/27/90	126.86	--	--	Duplicate	<50	<2.0	<3.0	<3.0	<3.0	<0.05
11/29/90	126.86	108.31	18.55	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/91	126.86	108.31	18.55	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	126.86	109.53	17.33	--	--	--	--	--	--	--
05/22/91	126.86	109.44	17.42	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/22/91	126.86	107.81	19.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	126.86	105.02	21.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	126.86	104.44	22.42	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	126.86	104.82	22.04	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	126.86	104.62	22.24	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	126.86	104.75	22.11	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	126.86	109.79	17.07	--	<50	4.0	13	2.0	8.0	--
04/30/93	126.86	112.00	14.86	--	<50	<0.5	<0.5	<0.5	0.6	--
07/14/93	126.86	110.76	16.10	--	<50	<0.5	1.0	<0.5	2.0	--
10/27/93	126.86	108.15	18.71	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	126.86	108.97	17.89	--	<50	<0.5	0.9	<0.5	1.0	--
04/22/94	126.86	109.92	16.94	--	<50	<0.5	<0.5	<0.5	1.3	--
07/29/94	126.86	110.16	16.70	--	74	19	8.2	7.8	11	--
10/25/94	126.86	109.44	17.42	--	<50	<0.5	0.6	<0.5	1.6	--
01/19/95	126.86	113.20	13.66	--	<50	<0.5	1.4	<0.5	<0.5	--

NO LONGER MONITORED OR SAMPLED

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-8</b>										
09/07/90	123.61	107.54	16.07	--	<50	<0.5	<0.5	<0.5	<0.5	<0.05
09/25/90	123.61	107.41	16.20	--	--	--	--	--	--	--
11/29/90	123.61	107.31	16.30	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/29/90	123.61	--	--	Duplicate	<50	<0.5	<0.5	<0.5	<0.5	--
02/20/91	123.61	107.29	16.32	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/19/91	123.61	108.90	14.71	--	--	--	--	--	--	--
05/22/91	123.61	108.19	15.42	--	<50	0.6	<0.5	<0.5	1.0	--
08/22/91	123.61	106.46	17.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/14/91	123.61	106.62	16.99	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	123.61	107.31	16.30	--	<50	1.0	0.7	<0.5	1.1	--
04/23/92	123.61	108.56	15.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	123.61	107.53	16.08	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	123.61	106.89	16.72	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	123.61	110.79	12.82	--	1400	470	470	37	160	--
04/30/93	123.61	110.07	13.54	--	1600	<13	15	18	29	--
07/14/93	123.61	108.96	14.65	--	<50	<0.5	0.7	<0.5	2.0	--
10/27/93	123.61	108.57	15.04	--	<50	3.0	4.0	2.0	4.0	--
01/13/94	123.61	108.47	15.14	--	<50	<0.5	4.0	<0.5	<0.5	--
04/22/94	123.61	108.60	15.01	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/28/94	123.61	108.91	14.70	--	69	7.3	18	3.3	12	--
10/25/94	123.61	108.41	15.20	--	<50	<0.5	0.8	<0.5	1.6	--
01/19/95	123.61	111.61	12.00	--	<50	<0.5	3.1	<0.5	0.7	--
05/01/95	123.61	112.21	11.40	--	<50	<0.5	<0.5	<0.5	<0.5	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-9</b>										
08/22/91	124.20	106.60	17.60	--	9600	46	170	98	1200	<0.05
11/14/91	124.20	106.72	17.48	--	11,000	130	58	86	1500	<0.05
01/30/92	124.20	107.49	16.71	--	11,000	210	29	110	1900	--
04/23/92	124.20	108.97	15.23	--	17,000	180	25	100	1900	--
07/27/92	124.20	107.48	16.72	--	2800	59	1.6	18	280	--
10/26/92	124.20	106.98	17.22	--	3200	38	<0.5	19	200	--
01/29/93	124.20	110.81	13.39	--	1300	23	6.0	8.0	100	--
04/30/93	124.20	110.20	14.00	--	<1300	<13	<13	<13	58	--
07/14/93	124.20	109.12	15.08	--	1300	25	4.0	15	120	--
10/27/93	124.20	108.58	15.62	--	1100	21	10	19	73	--
01/13/94	124.20	108.61	15.59	--	80	0.7	3.0	0.6	3.0	--
04/22/94	124.20	108.77	15.43	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	124.20	109.00	15.20	--	1400	19	11	11	69	--
10/25/94	124.20	108.50	15.70	--	1200	11	2.0	7.6	28	--
01/19/95	124.20	111.62	12.58	--	380	1.6	4.3	1.5	11	--
05/01/95	124.20	112.24	11.96	--	350	1.1	<0.5	1.8	2.3	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>MW-10</b>										
07/27/92	125.03	107.51	17.52	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/92	125.03	106.97	18.06	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	125.03	110.88	14.15	--	<50	<0.5	<0.5	<0.5	0.7	--
04/30/93	125.03	110.35	14.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/93	125.03	109.23	15.80	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/93	125.03	108.70	16.33	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	125.03	108.74	16.29	--	<50	<0.5	0.5	<0.5	<0.5	--
04/22/94	125.03	108.88	16.15	--	<50	<0.5	<0.5	<0.5	1.1	--
07/29/94	125.03	109.18	15.85	--	<50	0.8	2.1	0.5	1.3	--
10/25/94	125.03	108.62	16.41	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/19/95	125.03	111.74	13.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/95	125.03	112.43	12.60	--	<50	<0.5	<0.5	<0.5	<0.5	--
<b>MW-11</b>										
07/27/92	122.92	107.54	15.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/26/92	122.92	106.95	15.97	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/29/93	122.92	110.68	12.24	--	<50	8.0	16	2.0	10	--
04/30/93	122.92	110.15	12.77	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/93	122.92	109.08	13.84	--	<50	<0.5	0.7	<0.5	1.0	--
10/27/93	122.92	108.69	14.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	122.92	108.68	14.24	--	<50	<0.5	1.0	<0.5	<0.5	--
04/22/94	122.92	108.84	14.08	--	<50	<0.5	0.5	<0.5	1.4	--
07/29/94	122.92	109.02	13.90	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/94	122.92	108.54	14.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/19/95	122.92	111.47	11.45	--	<50	<0.5	1.8	<0.5	<0.5	--
05/01/95	122.92	111.82	11.10	--	<50	<0.5	<0.5	<0.5	<0.5	--



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>EW-1</b>										
05/25/90	124.95	--	--	--	3900	260	430	64	340	0.03
08/01/91	124.95	107.41	17.54	--	--	--	--	--	--	--
10/27/93	124.95	--	--	--	350	<0.5	<0.5	<0.5	<0.5	--
01/13/94	124.95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	124.95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	124.95	--	--	--	97	0.6	0.5	0.6	5.1	--
01/19/95	124.95	112.32	12.63	--	3000	1600	100	350	760	--

NO LONGER MONITORED OR SAMPLED

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	EDB
<b>TRIP BLANK</b>										
02/20/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/22/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/22/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/13/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/23/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/27/92	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/26/92	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/29/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/27/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/13/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/22/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/29/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/19/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/01/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on May 1, 1995.  
Earlier field data and analytical results provided by Sierra Environmental.

**ABBREVIATIONS:**

TPH = Total Petroleum Hydrocarbons

EDB = Ethylene Dibromide

# Analytical Appendix



Blaine Technical Services  
985 Timothy Drive  
San Jose, CA 95133

Client Proj. ID: Chevron 9-8139, 950501-H1  
Sample Descript: MW-8  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9505092-01

Sampled: 05/01/95  
Received: 05/02/95  
Analyzed: 05/04/95  
Reported: 05/11/95

QC Batch Number: GC050495BTEX02A  
Instrument ID: GCHP02

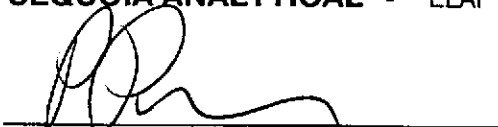
**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

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

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	114

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

**SEQUOIA ANALYTICAL** - ELAP #1210



Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-8139, 950501-H1 Sample Descript: MW-9 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505092-02	Sampled: 05/01/95 Received: 05/02/95  Analyzed: 05/05/95 Reported: 05/11/95
----------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------

QC Batch Number: GC050595BTEX17A  
Instrument ID: GCHP17


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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	350
Benzene	0.50	1.1
Toluene	0.50	N.D.
Ethyl Benzene	0.50	1.8
Xylenes (Total)	0.50	2.3
Chromatogram Pattern:		Gas

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	100

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-8139, 950501-H1 Sample Descript: MW-10 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505092-03	Sampled: 05/01/95 Received: 05/02/95 Analyzed: 05/05/95 Reported: 05/11/95
Attention: Jim Keller		

QC Batch Number: GC050495BTEX02A  
Instrument ID: GCHP02

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

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

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	125

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

**SEQUOIA ANALYTICAL - ELAP #1210**

  
Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-8139, 950501-H1 Sample Descript: MW-11 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505092-04	Sampled: 05/01/95 Received: 05/02/95 Analyzed: 05/05/95 Reported: 05/11/95
Attention: Jim Keller		

QC Batch Number: GC050495BTEX02A  
Instrument ID: GCHP02

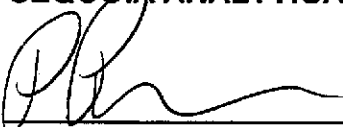
**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

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

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	113

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Peggy Penner  
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-8139, 950501-H1 Sample Descript: EW-2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505092-05	Sampled: 05/01/95 Received: 05/02/95 Analyzed: 05/08/95 Reported: 05/11/95
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QC Batch Number: GC050895BTEX17A  
Instrument ID: GCHP17


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

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
<b>Benzene</b>	<b>0.50</b>	<b>13</b>
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
<b>Xylenes (Total)</b>	<b>0.50</b>	<b>2.1</b>
Chromatogram Pattern:		

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70                      130	83

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

**SEQUOIA ANALYTICAL** - ELAP #1210

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







Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-8139, 950501-H1 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9505092-06	Sampled: 05/01/95 Received: 05/02/95 Analyzed: 05/05/95 Reported: 05/11/95
----------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------

QC Batch Number: GC050495BTEX02A  
Instrument ID: GCHP02


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

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

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70                      130	106

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

**SEQUOIA ANALYTICAL** - ELAP #1210

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





Blaine Tech Services, Inc. Client Project ID: Chevron 9-8139, 950501-H1  
 985 Timothy Drive Matrix: Liquid  
 San Jose, CA 95133  
 Attention: Jim Keller Work Order #: 9505092 -01, 03-04, 06 Reported: May 12, 1995

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC050495BTEX02A	GC050495BTEX02A	GC050495BTEX02A	GC050495BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950416114	950416114	950416114	950416114
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/4/95	5/4/95	5/4/95	5/4/95
Analyzed Date:	5/4/95	5/4/95	5/4/95	5/4/95
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	31
MS % Recovery:	100	100	100	103
Dup. Result:	10	10	11	31
MSD % Recov.:	100	100	110	103
RPD:	0.0	0.0	9.5	0.0
RPD Limit:	0-50	0-50	0-50	0-50

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

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

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

**SEQUOIA ANALYTICAL**

*Peggy Penner*  
 Peggy Penner  
 Project Manager

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

9505092.BLA <1>





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

Client Project ID: Chevron 9-8139, 950501-H1  
Matrix: Liquid

Work Order #: 9505092-02

Reported: May 12, 1995

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC050595BTEX17A	GC050595BTEX17A	GC050595BTEX17A	GC050595BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	9504J3003	9504J3003	9504J3003	9504J3003
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/5/95	5/5/95	5/5/95	5/5/95
Analyzed Date:	5/5/95	5/5/95	5/5/95	5/5/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L

Result:	10	10	10	30
MS % Recovery:	100	100	100	100

Dup. Result:	10	10	10	31
MSD % Recov.:	100	100	100	103

RPD:	0.0	0.0	0.0	3.3
RPD Limit:	0-50	0-50	0-50	0-50

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

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

**SEQUOIA ANALYTICAL**  
  
Peggy Penner  
Project Manager

**Please Note:**

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

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

9505092.BLA <2>





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

Client Project ID: Chevron 9-8139, 950501-H1  
Matrix: Liquid

Work Order #: 9505092-05

Reported: May 12, 1995

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC050895BTEX17A	GC050895BTEX17A	GC050895BTEX17A	GC050895BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	950416117	950416117	950416117	950416117
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/8/95	5/8/95	5/8/95	5/8/95
Analyzed Date:	5/8/95	5/8/95	5/8/95	5/8/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.1	9.3	9.2	27
MS % Recovery:	91	93	92	90
Dup. Result:	9.4	9.4	9.4	28
MSD % Recov.:	94	94	94	93
RPD:	3.2	1.1	2.2	3.6
RPD Limit:	0-50	0-50	0-50	0-50

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

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

SEQUOIA ANALYTICAL

*Peggy Penner*  
Peggy Penner  
Project Manager

**Please Note:**

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

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

9505092.BLA <3>



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

**Chain-of-Custody-Record**

<b>Chevron U.S.A. Inc.</b> P.O. BOX 5004 San Ramon, CA 94583 FAX (415)842-9591	Chevron Facility Number <u>9-8139</u> Facility Address <u>16304 Foothill Blvd., San Leandro, CA</u> Consultant Project Number <u>950501-H1</u> Consultant Name <u>Blaine Tech Services, Inc.</u> Address <u>985 Timothy Dr., San Jose, CA 95133</u> Project Contact (Name) <u>Jim Keller</u> (Phone) <u>(408) 995-5535</u> (Fax Number) <u>293-8773</u>	Chevron Contact (Name) <u>Kenneth Kan</u> (Phone) <u>(510) 842-8752</u> Laboratory Name <u>Sequoia</u> Laboratory Release Number <u>2769131</u> Samples Collected by (Name) <u>TROY N. HORNER</u> Collection Date <u>5/1/95</u> Signature <u><i>[Signature]</i></u>
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Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Chertool	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyse To Be Performed												Remarks													
								BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)																		
MW-8		3	W		1002	HCL	Y	X																									
MW-9		3	W		1113	HCL	Y	X																									
MW-10		3	W		1051	HCL	Y	X																									
MW-11		3	W		1022	HCL	Y	X																									
EW-2		3	W		1125	HCL	Y	X																									
TD		2	W			HCL	Y	X																									

Relinquished By (Signature) <u><i>[Signature]</i></u>	Organization <u>BTB</u>	Date/Time <u>5/4/95 1115</u>	Received By (Signature) <u><i>[Signature]</i></u>	Organization <u>Sequoia</u>	Date/Time <u>5/2 11.15</u>	Turn Around Time (Circle Choice)  <input type="checkbox"/> 24 Hrs. <input type="checkbox"/> 48 Hrs. <input type="checkbox"/> 5 Days <input type="checkbox"/> 10 Days <input checked="" type="checkbox"/> As Controlled
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	

2000-03/04/02 09:11/1000

# **Field Data Sheets**



# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950501-H1</u>	Station #: <u>9-8139</u>
Sampler: <u>TNH</u>	Start Date: <u>5/1/95</u>
Well I.D.: <u>MW-8</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>30.82</u> After	Depth to Water: Before <u>11.40</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to:	<u>(PVC)</u> Grade Other:

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

<u>3.1</u>	$\times$	<u>3</u>	$=$	<u>9.3</u>
1 Case Volume		Specified Volumes		gallons

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>9:50</u>	<u>68.3</u>	<u>7.2</u>	<u>1000</u>	<u>————</u>	<u>4</u>	
<u>9:53</u>	<u>68.5</u>	<u>7.7</u>	<u>700</u>	<u>————</u>	<u>7</u>	
<u>9:56</u>	<u>68.3</u>	<u>7.2</u>	<u>640</u>	<u>————</u>	<u>10</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 10

Sampling Time: 10:02 Sampling Date: 5/1/95

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

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

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

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



# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950501-M1</u>	Station #: <u>9-8139</u>
Sampler: <u>TNH</u>	Start Date: <u>5/1/95</u>
Well I.D.: <u>MW-9</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>26.74</u> After	Depth to Water: Before <u>11.96</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>(PVC)</u>	Grade Other:

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

<u>2.4</u>	x	<u>3</u>	=	<u>7.2</u>
1 Case Volume		Specified Volumes		gallons

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>11:02</u>	<u>67.1</u>	<u>7.6</u>	<u>580</u>	<u>—————</u>	<u>3</u>	
<u>11:05</u>	<u>67.0</u>	<u>7.6</u>	<u>560</u>	<u>—————</u>	<u>6</u>	
<u>11:07</u>	<u>67.2</u>	<u>7.6</u>	<u>560</u>	<u>—————</u>	<u>8</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 8

Sampling Time: <u>11:13</u>	Sampling Date: <u>5/1/95</u>
Sample I.D.: <u>MW-9</u>	Laboratory: <u>SEQ</u>
Analyzed for: (Circle) <u>TPH-G</u> <u>BTEX</u> TPH-D OTHER:	
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: (Circle) TPH-G BTEX TPH-D OTHER:	

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950501-H1</u>	Station #: <u>9-8137</u>
Sampler: <u>TNH</u>	Start Date: <u>5/1/95</u>
Well I.D.: <u>MW-10</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>29.60</u> After	Depth to Water: Before <u>12.60</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u>	Grade Other:

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

<u>2.7</u>	x	<u>3</u>	=	<u>8.1</u>
1 Case Volume		Specified Volumes		gallons

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>10:40</u>	<u>66.2</u>	<u>7.5</u>	<u>800</u>	<u>---</u>	<u>3</u>	
<u>10:43</u>	<u>66.3</u>	<u>7.4</u>	<u>780</u>	<u>---</u>	<u>6</u>	
<u>10:46</u>	<u>66.1</u>	<u>7.3</u>	<u>760</u>	<u>---</u>	<u>9</u>	

Did Well Dewater? <u>NO</u> If yes, gals.	Gallons Actually Evacuated: <u>9</u>
Sampling Time: <u>10:51</u>	Sampling Date: <u>5/1/95</u>
Sample I.D.: <u>MW-10</u>	Laboratory: <u>SEQ</u>
Analyzed for: (Circle) <u>TPH-G</u> <u>BTEX</u> TPH-D OTHER:	
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: (Circle) TPH-G BTEX TPH-D OTHER:	

# CHEVRON WELL MONITORING DATA SHEET

Project #: 990501-41	Station #: 9-8139
Sampler: TNH	Start Date: 5/1/95
Well I.D.: MW-11	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before 29.42 After	Depth to Water: Before 11.10 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>FVC</u> Grade Other:	

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

<u>2.9</u>	x	<u>3</u>	=	<u>8.7</u>
1 Case Volume		Specified Volumes		gallons

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

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
10:13	67.6	7.6	580	_____	3	
10:15	67.6	7.4	530	_____	6	
10:17	67.4	7.4	520	_____	9	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 9

Sampling Time: 10:22 Sampling Date: 5/1/95

Sample I.D.: MW-11 Laboratory: SEQ

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>950501-141</u>		Station #: <u>9-8139</u>	
Sampler: <u>TNH</u>		Start Date: <u>5/1/95</u>	
Well I.D.: <u>EW-2</u>		Well Diameter: (circle one) 2 3 <u>4</u> 6	
Total Well Depth:		Depth to Water:	
Before	After	Before <u>12.16</u>	After
Depth to Free Product:		Thickness of Free Product (feet):	
Measurements referenced to: <u>PVC</u> Grade      Other:			

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

_____ X _____	Specified Volumes	=	_____ gallons
1 Case Volume			

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

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>11:20</u>	<u>65.6</u>	<u>7.5</u>	<u>680</u>	_____		

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

Sampling Time: <u>11:25</u>	Sampling Date: <u>5/1/95</u>
Sample I.D.: <u>EW-2</u>	Laboratory: <u>JEQ</u>
Analyzed for: <u>TPH-G</u> <u>BTEX</u> TPH-D      OTHER:	
Duplicate I.D.:      Cleaning Blank I.D.:	
Analyzed for: TPH-G      BTEX      TPH-D      OTHER:	