

ENVIRONMENTAL  
PROTECTION

99 DEC -7 AM 10:11



**Chevron**

Chevron U.S.A. Products Company  
6001 Bollinger Canyon Rd. Bldg. L  
P. O. Box 6004  
San Ramon, CA 94583-0804

Site Assessment and  
Remediation Group  
Phone (510) 842-3500  
Fax (510) 842-3370

Date: December 3, 1999  
To: Distribution  
Re: Groundwater Monitoring Report , 9-0290

The enclosed groundwater monitoring report has been properly reviewed by a Chevron authorized representative. Agency guidelines have been followed. Blaine Tech Services is authorized to distribute the report directly to interested parties.

If you have any questions, please call me at (510) 842-3695.

Sincerely,

Brett Hunter  
Site Assessment and Remediation  
Project Manager

*MTBE increasing in well B-5  
and B-6*

**BLAINE**  
TECH SERVICES INC.



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

December 3, 1999

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

### 3rd Quarter 1999 Monitoring at 9-0290

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

Monitoring Performed on August 30, 1999

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### Groundwater Sampling Report 990830-X-1

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

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

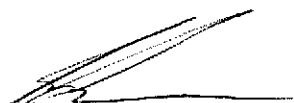
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater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

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

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

Please call if you have any questions.

Yours truly,



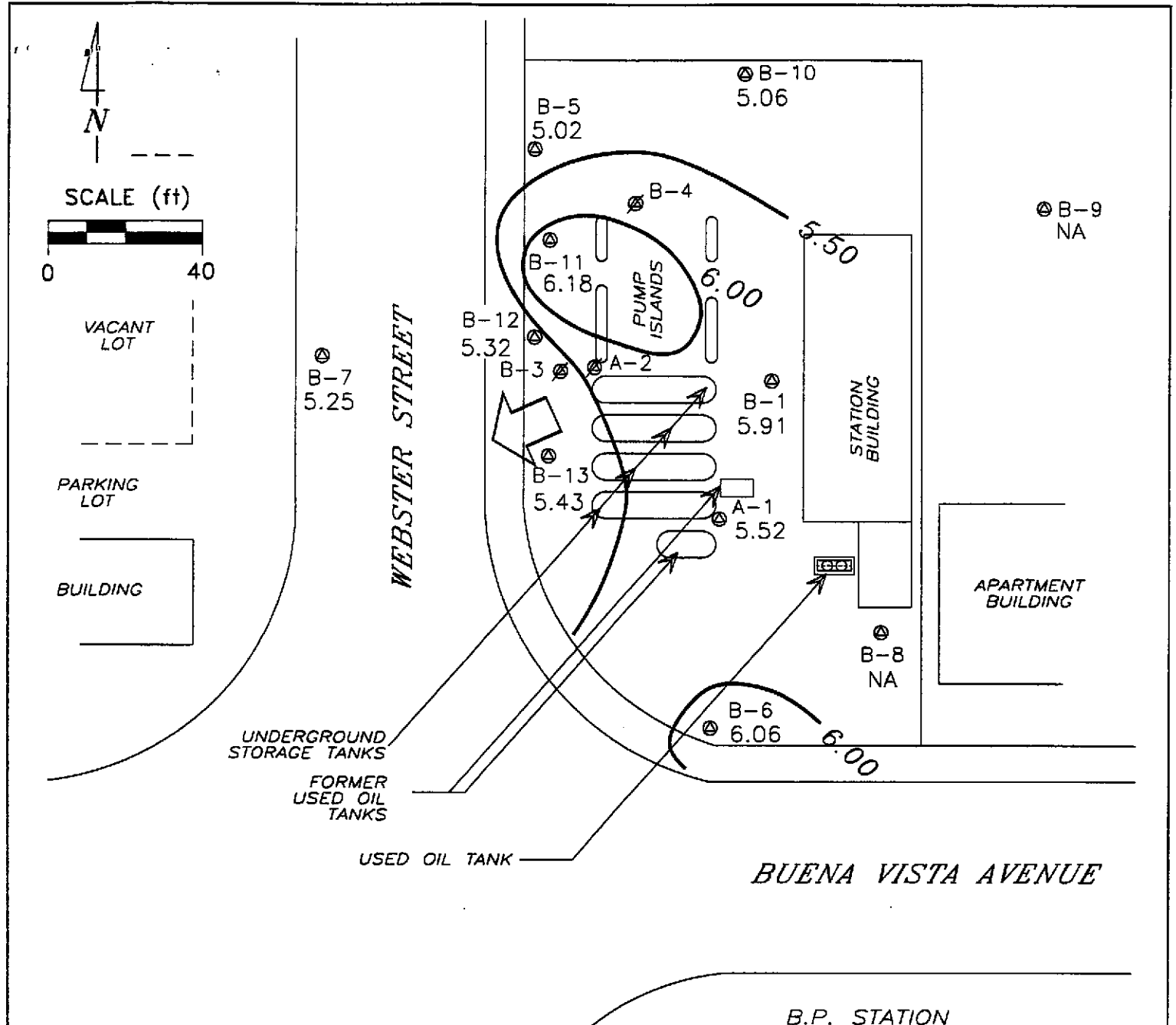
Scott Boor  
Project Coordinator

SDB/jh

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

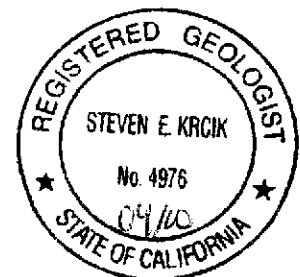
cc: **Eva Chu, Alameda County Health Care Services**  
Arnold Cherry  
Greg Gurss, Gettler-Ryan, Inc.  
Bill Scudder, Chevron Products Company (w/o enclosure)

# **Professional Engineering Appendix**



**EXPLANATION**

- ⊙ MONITORING WELL
- ⊘ ABANDONED MONITORING WELL
- 6.29 GROUNDWATER ELEVATION (FT, MSL)
- 6.00 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- NA DATA NOT AVAILABLE
- ← APPROXIMATE GROUNDWATER FLOW DIRECTION;  
APPROXIMATE GRADIENT = 0.01



Base map from Geoconsultants, Inc.

PREPARED BY



**Chevron Station 9-0290**  
1802 Webster Street  
Alameda, California

**GROUNDWATER ELEVATION CONTOUR MAP,  
AUGUST 30, 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	TOG	TPH-Diesel	MTBE
<b>A-1</b>															
09/20/91	8.13	0.48	9.23	1.58	--	--	--	--	--	--	--	--	--	--	--
10/09/91	8.13	1.46	6.67	0.00	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.13	1.43	7.28	0.58	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.13	1.36	7.42	0.65	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.13	1.49	7.14	0.50	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.13	1.50	7.14	0.51	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.13	1.47	7.19	0.53	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.13	1.28	7.28	0.54	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.13	1.29	7.33	0.49	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.13	1.73	6.76	0.36	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.13	2.21	6.29	0.37	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.13	2.15	6.43	0.45	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.13	2.21	6.30	0.38	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.13	3.14	5.30	0.31	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.13	2.83	5.37	0.07	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.13	2.39	6.14	0.40	--	--	--	--	--	--	--	--	--	--	--
01/06/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.56	6.19	5.85	0.60	--	--	--	--	--	--	--	--	--	--	--
06/11/93	11.56	--	--	--	--	2.000	--	--	--	--	--	--	--	--	--
06/15/93	11.56	--	--	--	--	0.130	--	--	--	--	--	--	--	--	--
06/18/93	11.56	--	--	--	--	0.130	--	--	--	--	--	--	--	--	--
06/22/93	11.56	--	--	--	--	0.500	--	--	--	--	--	--	--	--	--
06/29/93	11.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/09/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/15/93	11.56	--	--	--	--	2.760	--	--	--	--	--	--	--	--	--
07/19/93	11.56	5.54	6.23	0.26	--	2.000	--	--	--	--	--	--	--	--	--
07/20/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
07/27/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/06/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/10/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
08/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
09/16/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--
09/24/93	11.56	--	--	--	--	4.760	--	--	--	--	--	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

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

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Vertical Measurements are in feet.			Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)							
	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>A-1 (CONT'D)</b>															
02/10/97	11.56	7.25	4.45	0.17	0.079	6.922	--	--	--	--	--	--	--	--	--
05/01/97	11.56	6.11	5.51	0.08	0.053	6.975	--	--	--	--	--	--	--	--	--
08/05/97	11.56	5.68	5.96	0.10	0.066	7.041	--	--	--	--	--	--	--	--	--
10/28/97	11.56	5.56	6.05	0.06	0.026	7.067	--	--	--	--	--	--	--	--	--
02/04/98	11.56	8.39	3.20	0.04	0.026	7.093	--	--	--	--	--	--	--	--	--
06/03/98	11.56	7.02	4.56	0.03	0.021	7.114	--	--	--	--	--	--	--	--	--
07/29/98	11.56	7.15	4.44	0.04	0.040	7.154	--	--	--	--	--	--	--	--	--
11/30/98	11.56	6.23	5.61	0.35	0.012	7.166	--	--	--	--	--	--	--	--	--
02/24/99	11.56	7.63	4.41	0.60	0.066	7.232	--	--	--	--	--	--	--	--	--
05/06/99	11.56	6.89	4.67	--	--	7.232	--	580	13.4	<2.0	4.68	58	--	9500*	165
08/30/99	11.56	5.52	6.04	--	--	7.232	**	615	12	3.45	3.8	44	--	22,000*	95.5

\* Chromatogram pattern indicates unidentified hydrocarbons.

\*\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>A-2</b>															
09/20/91	8.00	0.27	7.73	0.00	--	--	--	8100	860	14	110	53	--	5100	--
10/09/91	8.00	1.39	6.61	0.00	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.00	1.34	6.66	0.00	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.00	1.29	6.80	0.09	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.00	1.45	6.63	0.15	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.00	1.45	6.64	0.21	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.00	1.38	6.81	0.19	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.00	1.31	6.93	0.24	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.00	1.24	6.97	0.15	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.00	1.70	6.54	0.24	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.00	2.16	5.92	0.08	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.00	2.00	6.01	0.10	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.00	2.20	6.06	0.26	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.00	3.11	4.93	0.04	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.00	2.80	5.20	<0.01	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.00	2.36	5.66	0.02	--	--	--	--	--	--	--	--	--	--	--
01/06/93	8.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/03/93	8.00	3.20	4.98	0.22	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.24	5.36	0.18	--	--	--	--	--	--	--	--	--	--	--
06/11/93	11.46	--	--	--	0.13	1.000	--	--	--	--	--	--	--	--	--
06/15/93	11.46	--	--	--	0.13	1.130	--	--	--	--	--	--	--	--	--
06/18/93	11.46	--	--	--	0.26	1.390	--	--	--	--	--	--	--	--	--
06/22/93	11.46	--	--	--	0.50	1.890	--	--	--	--	--	--	--	--	--
06/29/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/09/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/15/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/19/93	11.46	5.53	6.79	1.07	--	1.890	--	--	--	--	--	--	--	--	--
07/20/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
07/27/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/06/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/10/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
08/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
09/16/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--
09/24/93	11.46	--	--	--	--	1.890	--	--	--	--	--	--	--	--	--

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## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>A-2 (CONT'D)</b>															
10/01/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
10/07/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
10/13/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
10/19/93	11.46	6.23	6.36	1.41	--	1.890	--	--	--	--	--	--	--	--	--
10/20/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
10/28/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
11/12/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
11/19/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
11/30/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
12/10/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
12/16/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
12/23/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
12/29/93	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
01/03/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
01/17/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
01/26/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
02/07/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
02/11/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
02/18/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
02/25/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
03/04/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
03/11/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
03/16/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
03/25/94	11.46	--	--		--	1.890	--	--	--	--	--	--	--	--	--
04/01/94	11.46	--	--		--	1.890	Destroyed	--	--	--	--	--	--	--	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.			Analytical results are in parts per billion (ppb)								
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-1</b>															
04/23/93	12.12	6.19	5.93	--	--	--	--	13,000	4900	22	250	47	--	8300	--
07/19/93	12.12	5.46	6.66	--	--	--	--	3300	1200	16	24	<30	--	1600	--
10/19/93	12.12	5.04	7.08	--	--	--	--	2300	730	18	14	31	--	550	--
01/17/94	12.12	5.39	6.73	--	--	--	--	22,000	6500	170	210	430	--	<50	--
08/18/94	12.12	5.27	6.85	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
11/30/94	12.12	6.11	6.01	--	--	--	--	1500	250	17	7.5	19	<5.0*	3200**	--
02/15/95	12.12	6.75	5.37	--	--	--	--	1000	160	<2.0	4.6	2.6	--	1300**	--
05/01/95	12.12	7.00	5.12	--	--	--	--	140	20	0.52	2.0	0.67	--	2600***	--
08/04/95	12.12	6.62	5.50	--	--	--	--	6700	1400	<20	<20	<20	--	4900***	--
11/29/95	12.12	6.27	5.85	--	--	--	--	9200	2200	<25	<25	25	--	5000***	8300
02/08/96	12.12	8.12	4.00	--	--	--	--	1500	190	<5.0	<5.0	<5.0	--	1300***	2300
05/08/96	12.12	7.32	4.80	--	--	--	--	3700	650	<10	24	16	--	2900***	2300
08/23/96	12.12	6.58	5.54	--	--	--	--	3200	500	<20	<20	<20	--	2600	4900
12/12/96	12.12	7.22	4.90	--	--	--	--	2500	380	<25	<25	25	--	3400+	8600
02/10/97	12.12	7.53	4.59	--	--	--	--	2200	270	11	8.8	13	--	2100***	3400
05/01/97	12.12	6.46	5.66	--	--	--	--	1200	70	5.8	<5.0	7.2	--	1300***	2000
08/05/97	12.12	5.68	6.44	--	--	--	--	<1000	86	<10	<10	<10	--	1500***	3800
10/28/97	12.12	5.69	6.43	--	--	--	--	1400	73	6.5	6.8	9.0	--	2000***	2900
02/04/98	12.12	9.11	3.01	--	--	--	--	1500	4.5	1.7	<0.5	2.2	--	1200***	1900
02/12/98	12.12	8.33	3.79	--	--	--	--	--	--	--	--	--	--	--	--
06/03/98	12.12	7.23	4.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	970***	1400
07/29/98	12.12	6.37	5.75	--	--	--	++	850	27	<0.5	4.0	2.9	--	1100***	770
07/29/98	12.12	6.37	5.75	--	--	--	Confirmation run	--	--	--	--	--	--	--	1200
11/30/98	12.12	6.44	5.68	--	--	--	--	543	<5.0	<5.0	<5.0	<5.0	--	1490	2220
02/24/99	12.12	7.83	4.29	--	--	--	--	390	1.6	0.57	2.8	2.5	--	1400***	2600
05/06/99	12.12	7.11	5.01	--	--	--	--	239	4.02	<0.5	3.87	1.97	--	340***	197
08/30/99	12.12	5.91	6.21	--	--	--	--	739	22.4	3.45	5.62	3.27	--	1570+++	1110

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

\*\* Chromagram pattern indicates a non-diesel mix.

\*\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

+ Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

++ See Table of Additional Analyses.

+++ Hydrocarbon pattern appears to be weathered.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-3</b>															
09/20/91	8.01	1.08	6.94	0.01	--	--	--	--	--	--	--	--	--	--	--
10/09/91	8.01	1.66	6.35	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.01	1.53	6.84	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.01	1.70	6.31	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.01	1.69	6.32	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.01	1.62	6.39	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.01	1.57	6.44	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.01	1.19	6.82	<0.01	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.01	1.64	6.37	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.01	2.07	5.94	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.01	2.02	5.99	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.01	2.19	5.82	<0.01	--	--	--	--	--	--	--	--	--	--	--
03/09/92	8.01	2.91	5.10	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.01	2.65	5.36	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.01	2.29	5.72	--	--	--	--	6200	550	58	13	51	<5000	250	--
01/06/93	8.01	2.51	5.50	--	--	--	Sheen	5400	490	54	51	82	--	10,000	--
02/03/93	8.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.42	6.10	5.32	--	--	--	--	18,000	540	69	47	120	--	6400	--
07/29/93	11.42	5.48	5.94	--	--	--	--	40,000	780	69	49	150	--	4000	--
10/19/93	11.42	5.10	6.32	--	--	--	--	20,000	520	37	43	100	--	1500	--
01/17/94	11.42	4.47	6.95	--	--	--	Destroyed	3900	430	32	29	82	--	<50	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-4</b>															
09/20/91	8.04	1.22	6.82	0.01	--	--	--	19,000	710	160	650	2000	--	1400	--
10/09/91	8.04	1.41	6.63	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.04	1.17	6.87	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.04	1.34	6.70	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.04	1.31	6.73	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.04	1.21	6.83	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.04	1.20	6.84	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.04	1.17	6.87	<0.01	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.04	1.58	6.46	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.04	2.13	5.91	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.04	2.09	5.95	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.04	2.26	5.78	<0.01	--	--	--	15,000	920	75	520	940	--	860	--
03/09/92	8.04	2.95	5.09	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.04	2.65	5.39	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.04	2.45	5.59	--	--	--	--	19,000	2000	97	560	1200	<5000	<50	--
01/06/93	8.04	2.54	5.50	--	--	--	Sheen	19,000	2000	89	490	740	--	2700	--
02/03/93	8.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.46	6.07	5.39	--	--	--	--	5700	2400	75	380	580	--	2300	--
07/19/93	11.46	5.33	6.13	--	--	--	--	19,000	2400	140	440	620	--	2400	--
10/19/93	11.46	4.95	6.51	--	--	--	--	13,000	1200	84	290	530	--	2100	--
01/17/94	11.46	5.28	6.18	--	--	--	Destroyed	11,000	1900	63	170	290	--	<50	--

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-5</b>															
09/20/91	7.73	2.20	5.53	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
10/09/91	7.73	2.42	5.31	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	7.73	2.09	5.64	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	7.73	2.24	5.49	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	7.73	2.19	5.54	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	7.73	2.10	5.63	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	7.73	2.05	5.68	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	7.73	2.54	5.19	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	7.73	3.07	4.65	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	7.73	3.03	4.70	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	7.73	3.38	4.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/09/92	7.73	3.68	4.05	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	7.73	3.30	4.43	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	7.73	3.94	3.79	--	--	--	--	390	39	1.9	11	24	<5000	--	--
01/06/93	7.73	3.39	4.44	--	--	--	Sheen	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/03/93	7.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	10.18	5.86	4.32	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
07/19/93	10.18	5.15	5.03	--	--	--	--	54	<0.5	0.7	<0.5	<1.5	--	<50	--
10/19/93	10.18	5.08	5.10	--	--	--	--	<50	2.0	4.1	0.6	3.5	--	<50	--
01/07/94	10.18	5.32	4.86	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	10.18	5.04	5.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	10.18	5.73	4.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	140*	--
02/15/95	10.18	6.03	4.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	170*	--
05/01/95	10.18	5.75	4.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	190**	--
08/04/95	10.18	5.22	4.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	250**	--
11/29/95	10.18	4.97	5.21	--	--	--	--	140	1.5	<0.5	1.1	<0.5	--	330**	800
02/08/96	10.18	6.38	3.80	--	--	--	--	<200	2.1	<2.0	<2.0	<2.0	--	250**	1100
05/08/96	10.18	5.78	4.40	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	350**	1400
08/23/96	10.18	5.19	4.99	--	--	--	--	250	6.4	2.1	2.1	4.3	--	990	9300
12/12/96	10.18	5.90	4.28	--	--	--	--	<1000	<10	<10	<10	<10	--	430**	6700

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\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-5 (CONT'D)</b>															
02/10/97	10.18	6.55	3.63	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	340**	930
05/01/97	10.18	5.87	4.31	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	290**	1900
08/05/97	10.18	5.29	4.89	--	--	--	--	<1000	<10	<10	<10	<10	--	710**	6800
10/28/97	10.18	5.18	5.00	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	880**	7000
02/04/98	10.18	7.65	2.53	--	--	--	--	<50	0.51	<0.5	<0.5	<0.5	--	290**	2100
06/03/98	10.18	6.33	3.85	--	--	--	--	220	2.0	15	2.8	20	--	630**	450
07/29/98	10.18	5.63	4.55	--	--	--	*	<50	1.6	<0.5	<0.5	1.6	--	1100**	4600
07/29/98	10.18	5.63	4.55	--	--	--	Confirmation run	--	--	--	--	--	--	--	6200
11/30/98	10.18	5.81	4.37	--	--	--	--	<50	<0.5	1.91	<0.5	1.09	--	371	202
02/24/99	10.18	6.79	3.39	--	--	--	--	<50	<0.5	<0.5	0.69	3.1	--	512**	25
05/06/99	10.18	6.16	4.02	--	--	--	--	<50	2.27	<0.5	<0.5	<0.5	--	790**	3090
08/30/99	10.18	5.02	5.16	--	--	--	--	<250	4.25	<2.5	<2.5	<2.5	--	1890***	10,400

\* See Table of Additional Analyses.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\*\* Hydrocarbon pattern in sample appears to be weathered.



## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.				Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-6</b>															
09/20/91	8.55	1.70	6.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
10/09/91	8.55	1.72	6.83	--	--	--	--	--	--	--	--	--	--	--	--
10/17/91	8.55	1.65	6.90	--	--	--	--	--	--	--	--	--	--	--	--
10/23/91	8.55	1.62	6.93	--	--	--	--	--	--	--	--	--	--	--	--
11/01/91	8.55	1.77	6.78	--	--	--	--	--	--	--	--	--	--	--	--
11/07/91	8.55	1.74	6.81	--	--	--	--	--	--	--	--	--	--	--	--
11/15/91	8.55	1.67	6.88	--	--	--	--	--	--	--	--	--	--	--	--
11/21/91	8.55	1.60	6.95	--	--	--	--	--	--	--	--	--	--	--	--
12/12/91	8.55	1.41	7.14	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	8.55	2.05	6.50	--	--	--	--	--	--	--	--	--	--	--	--
01/13/92	8.55	2.36	6.19	--	--	--	--	--	--	--	--	--	--	--	--
01/22/92	8.55	2.28	6.27	--	--	--	--	--	--	--	--	--	--	--	--
02/12/92	8.55	2.43	6.12	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/09/92	8.55	3.27	5.28	--	--	--	--	--	--	--	--	--	--	--	--
04/10/92	8.55	3.07	5.48	--	--	--	--	--	--	--	--	--	--	--	--
05/18/92	8.55	2.65	5.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5000	<50	--
01/06/93	8.55	2.76	5.79	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/03/93	8.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/23/93	11.97	6.70	5.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
07/19/93	11.97	5.06	6.91	--	--	--	--	74	<0.5	<0.5	<0.5	<1.5	--	<50	--
10/19/93	11.97	5.49	6.48	--	--	--	--	<50	<0.5	0.5	<0.5	2.2	--	<50	--
01/07/94	11.97	5.79	6.18	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	11.97	5.77	6.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	11.97	6.52	5.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	230*	--
02/15/95	11.97	7.27	4.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	130*	--
05/01/95	11.97	6.94	5.03	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	97**	--
08/04/95	11.97	6.15	5.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	350**	--
11/29/95	11.97	5.97	6.00	--	--	--	--	--	--	--	--	--	--	200**	--
02/08/96	11.97	7.27	4.70	--	--	--	--	--	--	--	--	--	--	210**	--
05/08/96	11.97	6.74	5.23	--	--	--	--	--	--	--	--	--	--	250**	--
08/23/96	11.97	5.92	6.05	--	--	--	--	--	--	--	--	--	--	310**	--
12/12/96	11.97	6.65	5.32	--	--	--	--	--	--	--	--	--	--	300**	--

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\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Vertical Measurements are in feet.		Depth To Water	Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)								
	Well Head Elev.	Ground Water Elev.		SPH Thickness	SPH Removed	Total SPH Removed		TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TOG	TPH- Diesel	MTBE	
<b>B-6 (CONT'D)</b>																
02/10/97	11.97	7.60	4.37	--	--	--	--	--	--	--	--	--	--	--	130**	360
05/01/97	11.97	6.74	5.23	--	--	--	--	--	--	--	--	--	--	--	260**	2200
08/05/97	11.97	6.22	5.75	--	--	--	--	--	--	--	--	--	--	--	260**	1800
10/28/97	11.97	5.89	6.08	--	--	--	--	--	--	--	--	--	--	--	340**	1900
02/04/98	11.97	9.26	2.71	--	--	--	--	--	--	--	--	--	--	--	280**	1400
06/03/98	11.97	7.49	4.48	--	--	--	--	--	--	--	--	--	--	--	130**	1200
07/29/98	11.97	6.69	5.28	--	--	--	--	--	--	--	--	--	--	--	340**	2700
07/29/98	11.97	6.69	5.28	--	--	--	Confirmation run	--	--	--	--	--	--	--	--	3000
11/30/98	11.97	6.48	5.49	--	--	--	--	655	<5.0	<5.0	<5.0	<5.0	--	--	2740	2160
02/24/99	11.97	7.79	4.18	--	--	--	--	--	--	--	--	--	--	--	225**	1500
05/06/99	11.97	6.29	5.68	--	--	--	--	--	--	--	--	--	--	--	71**	1010
08/30/99	11.97	6.06	5.91	--	--	--	--	--	--	--	--	--	--	--	356**	4520

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-7</b>															
04/23/93	10.54	6.02	4.52	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--
07/19/93	10.54	5.50	5.04	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--
10/19/93	10.54	5.14	5.40	--	--	--	--	<50	3.1	0.5	<0.5	0.8	--	<50	--
01/07/94	10.54	5.35	5.19	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	10.54	5.28	5.26	--	--	--	--	<50	<0.5	<0.5	<0.5	1.1	--	<50	--
11/30/94	10.54	5.96	4.58	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/15/95	10.54	6.32	4.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
05/01/95	10.54	6.04	4.50	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	53**	--
08/04/95	10.54	5.56	4.98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
02/12/98	10.54	7.49	3.05	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
06/03/98	10.54	6.59	3.95	--	--	--	Sampled biannually	--	--	--	--	--	--	--	--
07/29/98	10.54	5.99	4.55	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
11/30/98	10.54	5.56	4.98	--	--	--	--	--	--	--	--	--	--	--	--
02/24/99	10.54	7.24	3.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
05/06/99	10.54	4.79	5.75	--	--	--	--	--	--	--	--	--	--	--	--
08/30/99	10.54	5.25	5.29	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
<b>B-8</b>															
04/23/93	11.99	6.63	5.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--
07/19/93	11.99	5.77	6.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--
10/19/93	11.99	--	--	--	--	--	Dry	--	--	--	--	--	--	--	--
01/07/94	11.99	5.69	6.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	11.99	5.56	6.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	11.99	6.53	5.46	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	120*	--
02/15/95	11.99	7.27	4.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	120*	--
05/01/95	11.99	6.99	5.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	51**	--
08/04/95	11.99	6.07	5.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/98	11.99	6.45	5.54	--	--	--	--	--	--	--	--	--	--	--	--

NO LONGER MONITORED OR SAMPLED

\* Chromatogram pattern indicates a non-diesel mix.

\*\* Chromatogram pattern indicates an unidentified hydrocarbon.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-9</b>															
04/23/93	10.70	6.14	4.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	--	--
07/19/93	10.70	5.25	5.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<50	<50	--
10/19/93	10.70	4.81	5.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
01/07/94	10.70	5.29	5.41	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/18/94	10.70	5.15	5.55	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	10.70	6.35	4.35	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	60*	--
02/15/95	10.70	7.05	3.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
05/01/95	10.70	6.41	4.29	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
08/04/95	10.70	5.50	5.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--

NO LONGER MONITORED OR SAMPLED

### B-10

11/29/95	11.42	4.91	6.51	--	--	--	--	1700	95	<2.5	69	170	--	900*	22
02/08/96	11.42	6.87	4.55	--	--	--	--	230	31	<0.5	7.2	6.2	--	650*	10
05/08/96	11.42	5.87	5.55	--	--	--	--	260	61	0.59	37	23	--	570*	20
08/23/96	11.42	5.23	6.19	--	--	--	--	320	34	<0.5	29	15	--	700*	8.3
12/12/96	11.42	5.59	5.83	--	--	--	--	1600	94	<2.5	110	27	--	990*	<12
02/10/97	11.42	6.84	4.58	--	--	--	--	2100	230	5.6	130	83	--	530*	<12
05/01/97	11.42	5.85	5.57	--	--	--	--	2300	110	<2.5	140	49	--	770*	<12
08/05/97	11.42	5.12	6.30	--	--	--	--	650	33	1.1	70	16	--	620*	3.2
10/28/97	11.42	5.24	6.18	--	--	--	--	740	25	1.6	53	14	--	310*	6.7
02/04/98	11.42	8.53	2.89	--	--	--	--	950	23	4.5	<0.5	1.9	--	250*	<2.5
06/03/98	11.42	6.62	4.80	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	490*	<2.5
07/29/98	11.42	5.77	5.65	--	--	--	**	290	3.9	<0.5	8.5	1.4	--	390*	<2.5
11/30/98	11.42	5.80	5.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	437	7.11
02/24/99	11.42	7.19	4.23	--	--	--	--	160	35	0.55	0.64	0.64	--	259*	9.2
05/06/99	11.42	6.31	5.11	--	--	--	--	490	7.05	1.02	8.24	2.18	--	190*	<5.0
08/30/99	11.42	5.06	6.36	--	--	--	--	205	1.79	0.808	5.55	2.16	--	330*	3.93

\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-11</b>															
11/29/95	11.98	6.08	5.90	--	--	--	--	2800	38	<10	26	48	--	1400*	21,000
02/08/96	11.98	7.54	4.44	--	--	--	--	<5000	<50	<50	<50	<50	--	1100*	38,000
05/08/96	11.98	6.98	5.00	--	--	--	--	4100	110	<10	31	25	--	1300*	17,000
08/23/96	11.98	6.37	5.61	--	--	--	--	3400	160	12	41	13	--	820*	4000
12/12/96	11.98	6.85	5.13	--	--	--	--	3700	120	12	<5.0	30	--	1300*	2200
02/10/97	11.98	7.91	4.07	--	--	--	--	2300	56	17	<5.0	20	--	810*	4700
05/01/97	11.98	6.95	5.03	--	--	--	--	<5000	<50	<50	<50	<50	--	820*	21,000
08/05/97	11.98	6.38	5.60	--	--	--	--	3500	42	<10	<10	<10	--	900*	4100
10/28/97	11.98	6.30	5.68	--	--	--	--	3000	39	6.2	8.0	13	--	1300*	2300
02/04/98	11.98	9.39	2.59	--	--	--	--	1300	3.2	1.4	<0.5	5.0	--	930*	46,000
06/03/98	11.98	7.53	4.45	--	--	--	--	860	3.7	1.4	0.84	3.0	--	740*	34,000
07/29/98	11.98	6.80	5.18	--	--	--	**	1300	6.9	2.5	3.8	2.0	--	1400*	50,000
07/29/98	11.98	6.80	5.18	--	--	--	Confirmation run	--	--	--	--	--	--	--	41,000
11/30/98	11.98	6.91	5.07	--	--	--	--	<1000	<10	<10	<10	<10	--	1020	5370
02/24/99	11.98	7.79	4.19	--	--	--	--	690	4.7	<0.5	2.7	3.1	--	2290*	67,000
05/06/99	11.98	7.43	4.55	--	--	--	--	423	4.66	0.662	<0.5	1.38	--	580*	20,600
08/30/99	11.98	6.18	5.80	--	--	--	--	1220	31	8.6	<5.0	14	--	1120*	10,900

\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-12</b>															
11/29/95	11.16	5.15	6.01	--	--	--	--	1100	10	<10	<10	<10	--	1800*	37,000
02/08/96	11.16	6.56	4.60	--	--	--	--	<20,000	<200	<200	<200	<200	--	1800*	88,000
05/08/96	11.16	6.08	5.08	--	--	--	--	<25,000	<250	<250	<250	<250	--	1800*	88,000
08/23/96	11.16	5.51	5.65	--	--	--	--	630	16	<5.0	<5.0	<5.0	--	1500*	420
12/12/96	11.16	6.05	5.11	--	--	--	--	<25,000	<250	<250	<250	<250	--	1200*	54,000
02/10/97	11.16	7.05	4.11	--	--	--	--	<20,000	<200	<200	<200	<200	--	1200*	65,000
02/10/97	11.16	7.05	4.11	--	--	--	EPA 8240	--	<500	<500	<500	<500	--	--	--
05/01/97	11.16	6.17	4.99	--	--	--	--	<12,500	<125	<125	<125	<125	--	1100*	64,000
08/05/97	11.16	5.55	5.61	--	--	--	--	<10,000	<100	<100	<100	<100	--	1100*	46,000
10/28/97	11.16	5.40	5.76	--	--	--	--	1400	39	<5.0	7.2	6.0	--	1100*	29,000
02/04/98	11.16	8.53	2.63	--	--	--	--	920	6.9	1.1	<0.5	2.8	--	4800*	59,000
06/03/98	11.16	6.71	4.45	--	--	--	--	590	9.4	<0.5	0.93	<0.5	--	2000*	15,000
07/29/98	11.16	5.91	5.25	--	--	--	**	820	5.6	2.0	3.3	1.2	--	2200*	28,000
07/29/98	11.16	5.91	5.25	--	--	--	Confirmation run	--	--	--	--	--	--	--	33,000
11/30/98	11.16	6.03	5.13	--	--	--	--	2110	<10	<10	<10	<10	--	1060	5330
02/24/99	11.16	7.16	4.00	--	--	--	--	410	0.64	<0.5	2.2	2.3	--	2680*	15,000
05/06/99	11.16	6.71	4.45	--	--	--	**	<500	<5.0	<5.0	<5.0	<5.0	<1000	3550*	1370
08/30/99	11.16	5.32	5.84	--	--	--	--	985	12.5	6.0	9.5	10.8	--	1310*	6600

\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Vertical Measurements are in feet.			Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)							
	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>B-13</b>															
11/29/95	11.17	5.26	5.91	--	--	--	--	1800	19	<5.0	5.5	<5.0	--	3400*	7400
02/08/96	11.17	6.72	4.45	--	--	--	--	910	12	1.3	2.0	1.9	--	450*	77
05/08/96	11.17	6.20	4.97	--	--	--	--	140	1.9	<0.5	0.88	2.0	--	560*	98
08/23/96	11.17	5.54	5.63	--	--	--	--	1300	<10	<10	<10	<10	--	1300*	450
12/12/96	11.17	5.91	5.26	--	--	--	--	2600	29	5.4	9.40	6.3	--	1300*	230
02/10/97	11.17	7.05	4.12	--	--	--	--	670	<0.5	6.7	2.6	5.6	--	290*	28
05/01/97	11.17	6.17	5.00	--	--	--	--	920	8.5	4.6	2.1	6.1	--	480*	530
08/05/97	11.17	5.52	5.65	--	--	--	--	1900	23	<5.0	<5.0	<5.0	--	1300*	860
10/28/97	11.17	5.49	5.68	--	--	--	--	2400	33	14	8.4	10	--	2200*	2100
02/04/98	11.17	8.48	2.69	--	--	--	--	110	<0.5	<0.5	<0.5	<0.5	--	260*	260
06/03/98	11.17	6.79	4.38	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	480*	400
07/29/98	11.17	6.12	5.05	--	--	--	**	350	5.0	<0.5	0.67	1.2	--	830*	730
07/29/98	11.17	6.12	5.05	--	--	--	Confirmation run	--	--	--	--	--	--	--	980
11/30/98	11.17	6.16	5.01	--	--	--	--	168	0.797	<0.5	<0.5	<0.5	--	741	114
02/24/99	11.17	7.14	4.03	--	--	--	--	69	<0.5	<0.5	<0.5	<0.5	--	670*	530
05/06/99	11.17	6.72	4.45	--	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	540*	454
08/30/99	11.17	5.43	5.74	--	--	--	--	748	13.7	<2.5	4.53	10.6	--	927*	377

\* Chromatogram pattern indicates an unidentified hydrocarbon.

\*\* See Table of Additional Analyses.

## Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TOG	TPH-Diesel	MTBE
<b>TRIP BLANK</b>															
01/06/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/23/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/19/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/19/93	--	--	--	--	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--	--
01/17/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/18/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
02/15/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/01/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
08/04/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/29/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/08/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/08/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
08/23/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/12/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/10/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
05/01/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
08/05/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
10/28/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/04/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
02/12/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
06/03/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
07/29/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
11/30/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.0
02/24/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5
05/06/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<5.0
08/30/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5



## Cumulative Table of Well Data and Analytical Results

### ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

DATE	Notes	Alkalinity	Ferrous Iron	Nitrate as Nitrate	Sulfate	EPA 8010B	EPA 8270B	Cadmium	Chromium	Lead	Nickel	Zinc	Motor Oil
<b>A-1</b>													
08/30/99	--	--	--	--	--	--	--	--	--	--	--	--	68,400
<b>B-1</b>													
07/29/98	--	930,000	2000	13,000	280,000	--	--	--	--	--	--	--	--
<b>B-5</b>													
07/29/98	--	280,000	1100	<1000	7000	--	--	--	--	--	--	--	--
<b>B-10</b>													
07/29/98	--	630,000	740	34,000	16,000	--	--	--	--	--	--	--	--
<b>B-11</b>													
07/29/98	--	460,000	1100	33,000	18,000	--	--	--	--	--	--	--	--
<b>B-12</b>													
07/29/98	--	700,000	450	<1000	27,000	--	--	--	--	--	--	--	--
05/06/99	--	--	--	--	--	<5.0-<10	<10-<50	<10	86.7	<75	143	185	--
<b>B-13</b>													
07/29/98	--	290,000	240	5600	17,000	--	--	--	--	--	--	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.  
 Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.

**ABBREVIATIONS:**

TPH = Total Petroleum Hydrocarbons  
 SPH = Separate-Phase Hydrocarbons  
 TOG = Total Oil and Grease  
 MTBE = Methyl t-Butyl Ether

# **Analytical Appendix**



September 29, 1999

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

RE: Chevron 9-0290/9090044

Dear Christine Lillie

Enclosed are the results of analyses for sample(s) received by the laboratory on August 31, 1999. The samples were analyzed for TPH-Diesel at Sequoia Analytical- Petaluma. Chromatograms for unidentified hydrocarbons are included in this report. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wendy Bonnes  
Project Manager

CA ELAP Certificate Number 1210





Blaine Tech Services (Chev)  
1680 Rogers Avenue  
San Jose, CA 95112

Project: Chevron 9-0290 (1802 Webster St., Alameda)  
Project Number: 990830-X1  
Project Manager: Christine Lillie

Sampled: 8/30/99  
Received: 8/31/99  
Reported: 9/29/99

**ANALYTICAL REPORT FOR 9090044**

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
A-1	9090044-01	Water	8/30/99
B-1	9090044-02	Water	8/30/99
B-5	9090044-03	Water	8/30/99
B-6	9090044-04	Water	8/30/99
B-7	9090044-05	Water	8/30/99
B-10	9090044-06	Water	8/30/99
B-11	9090044-07	Water	8/30/99
B-12	9090044-08	Water	8/30/99
B-13	9090044-09	Water	8/30/99
TB	9090044-10	Water	8/30/99





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 990830-X1 Project Manager: Christine Lillie	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/29/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>A-1</b>								
				<b>9090044-01</b>			<b>Water</b>	
Purgeable Hydrocarbons	9090354	9/13/99	9/13/99		250	615	ug/l	1,D
Benzene	"	"	"		2.50	12.0	"	D
Toluene	"	"	"		2.50	3.45	"	D
Ethylbenzene	"	"	"		2.50	3.80	"	D
Xylenes (total)	"	"	"		2.50	44.0	"	D
Methyl tert-butyl ether	"	"	"		12.5	95.5	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		76.0	%	
<b>B-1</b>								
				<b>9090044-02</b>			<b>Water</b>	
Purgeable Hydrocarbons	9090302	9/11/99	9/11/99		250	739	ug/l	2,D
Benzene	"	"	"		2.50	22.4	"	D
Toluene	"	"	"		2.50	3.45	"	D
Ethylbenzene	"	"	"		2.50	5.62	"	D
Xylenes (total)	"	"	"		2.50	3.27	"	D
Methyl tert-butyl ether	"	"	"		12.5	1110	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		84.7	%	
<b>B-5</b>								
				<b>9090044-03</b>			<b>Water</b>	
Purgeable Hydrocarbons	9090354	9/13/99	9/11/99		250	ND	ug/l	D
Benzene	"	"	"		2.50	4.25	"	D
Toluene	"	"	"		2.50	ND	"	D
Ethylbenzene	"	"	"		2.50	ND	"	D
Xylenes (total)	"	"	"		2.50	ND	"	D
Methyl tert-butyl ether	"	"	9/13/99		250	10400	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		89.0	%	
<b>B-7</b>								
				<b>9090044-05</b>			<b>Water</b>	
Purgeable Hydrocarbons	9090354	9/13/99	9/13/99		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		94.0	%	
<b>B-10</b>								
				<b>9090044-06</b>			<b>Water</b>	
Purgeable Hydrocarbons	9090302	9/11/99	9/11/99		50.0	205	ug/l	2
Benzene	"	"	"		0.500	1.79	"	
Toluene	"	"	"		0.500	0.808	"	
Ethylbenzene	"	"	"		0.500	5.55	"	
Xylenes (total)	"	"	"		0.500	2.16	"	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 990830-X1 Project Manager: Christine Lillie	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/29/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>B-10 (continued)</b>				<b>9090044-06</b>			<b>Water</b>	
Methyl tert-butyl ether	9090302	9/11/99	9/11/99		2.50	3.93	ug/l	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		102	%	
<b>B-11</b>				<b>9090044-07</b>			<b>Water</b>	
Purgeable Hydrocarbons	9090432	9/15/99	9/13/99		500	1220	ug/l	3,D
Benzene	"	"	"		5.00	31.0	"	D
Toluene	"	"	"		5.00	8.60	"	D
Ethylbenzene	"	"	"		5.00	ND	"	D
Xylenes (total)	"	"	"		5.00	14.0	"	D
Methyl tert-butyl ether	"	"	9/15/99		250	10900	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		84.0	%	
<b>B-12</b>				<b>9090044-08</b>			<b>Water</b>	
Purgeable Hydrocarbons	9090354	9/13/99	9/13/99		250	985	ug/l	2,D
Benzene	"	"	"		2.50	12.5	"	D
Toluene	"	"	"		2.50	6.00	"	D
Ethylbenzene	"	"	"		2.50	9.50	"	D
Xylenes (total)	"	"	"		2.50	10.8	"	D
Methyl tert-butyl ether	"	"	"		125	6600	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		91.0	%	
<b>B-13</b>				<b>9090044-09</b>			<b>Water</b>	
Purgeable Hydrocarbons	9090302	9/11/99	9/11/99		250	748	ug/l	2,D
Benzene	"	"	"		2.50	13.7	"	D
Toluene	"	"	"		2.50	ND	"	D
Ethylbenzene	"	"	"		2.50	4.53	"	D
Xylenes (total)	"	"	"		2.50	10.6	"	D
Methyl tert-butyl ether	"	"	"		12.5	377	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		83.2	%	
<b>TB</b>				<b>9090044-10</b>			<b>Water</b>	
Purgeable Hydrocarbons	9090302	9/11/99	9/11/99		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		108	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 990830-X1 Project Manager: Christine Lillie	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/29/99
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**MTBE by DHS LUFT  
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>B-6</b>				<b>9090044-04</b>			<b>Water</b>	
<b>Methyl tert-butyl ether</b>	9090354	9/13/99	9/13/99		125	<b>4520</b>	ug/l	D
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		97.0	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 990830-X1 Project Manager: Christine Lillie	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/29/99
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**Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M  
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<b>A-1</b>				<b>9090044-01</b>			<b>Water</b>	
Motor Oil (C24-C36)	9090252	9/10/99	9/17/99			68.4	mg/l	D
Diesel (C10-C24)	"	"	"		0.500	22.0	"	D
Surrogate: o-Terphenyl	"	"	"	50.0-150		64.0	%	D
<b>B-1</b>				<b>9090044-02</b>			<b>Water</b>	<b>4</b>
Diesel (C10-C24)	9090252	9/10/99	9/14/99		0.0500	1.57	mg/l	5
Surrogate: o-Terphenyl	"	"	"	50.0-150		69.5	%	
<b>B-5</b>				<b>9090044-03</b>			<b>Water</b>	<b>4</b>
Diesel (C10-C24)	9090252	9/10/99	9/14/99		0.0500	1.89	mg/l	5
Surrogate: o-Terphenyl	"	"	"	50.0-150		61.2	%	
<b>B-6</b>				<b>9090044-04</b>			<b>Water</b>	
Diesel (C10-C24)	9090252	9/10/99	9/14/99		0.0500	0.356	mg/l	6
Surrogate: o-Terphenyl	"	"	"	50.0-150		75.6	%	
<b>B-10</b>				<b>9090044-06</b>			<b>Water</b>	
Diesel (C10-C24)	9090252	9/10/99	9/14/99		0.0500	0.330	mg/l	6
Surrogate: o-Terphenyl	"	"	"	50.0-150		82.5	%	
<b>B-11</b>				<b>9090044-07</b>			<b>Water</b>	
Diesel (C10-C24)	9090252	9/10/99	9/14/99		0.0500	1.12	mg/l	6
Surrogate: o-Terphenyl	"	"	"	50.0-150		82.4	%	
<b>B-12</b>				<b>9090044-08</b>			<b>Water</b>	
Diesel (C10-C24)	9090252	9/10/99	9/14/99		0.0500	1.31	mg/l	6
Surrogate: o-Terphenyl	"	"	"	50.0-150		90.4	%	
<b>B-13</b>				<b>9090044-09</b>			<b>Water</b>	
Diesel (C10-C24)	9090252	9/10/99	9/14/99		0.0500	0.927	mg/l	6
Surrogate: o-Terphenyl	"	"	"	50.0-150		86.1	%	







Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 990830-X1 Project Manager: Christine Lillie	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/29/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Batch: 9090302</b>			<b>Date Prepared: 9/11/99</b>			<b>Extraction Method: EPA 5030B (P/T)</b>				
<b>Blank</b>			<b>9090302-BLK1</b>							
Purgeable Hydrocarbons	9/11/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.3	"	70.0-130	103			
<b>LCS</b>			<b>9090302-BS1</b>							
Benzene	9/11/99	10.0		8.83	ug/l	70.0-130	88.3			
Toluene	"	10.0		8.88	"	70.0-130	88.8			
Ethylbenzene	"	10.0		9.27	"	70.0-130	92.7			
Xylenes (total)	"	30.0		28.3	"	70.0-130	94.3			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.1	"	70.0-130	101			
<b>LCS Dup</b>			<b>9090302-BS1</b>							
Benzene	9/11/99	10.0		8.84	ug/l	70.0-130	88.4	25.0	0.113	
Toluene	"	10.0		9.16	"	70.0-130	91.6	25.0	3.10	
Ethylbenzene	"	10.0		9.43	"	70.0-130	94.3	25.0	1.71	
Xylenes (total)	"	30.0		29.2	"	70.0-130	97.3	25.0	3.13	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.62	"	70.0-130	96.2			
<b>Batch: 9090354</b>			<b>Date Prepared: 9/13/99</b>			<b>Extraction Method: EPA 5030B (P/T)</b>				
<b>Blank</b>			<b>9090354-BLK1</b>							
Purgeable Hydrocarbons	9/13/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.0	"	70.0-130	100			
<b>LCS</b>			<b>9090354-BS1</b>							
Benzene	9/13/99	10.0		8.86	ug/l	70.0-130	88.6			
Toluene	"	10.0		9.47	"	70.0-130	94.7			
Ethylbenzene	"	10.0		8.75	"	70.0-130	87.5			
Xylenes (total)	"	30.0		27.9	"	70.0-130	93.0			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.2	"	70.0-130	102			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 990830-X1 Project Manager: Christine Lillie	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/29/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Matrix Spike</b>		<b>9090354-MS1</b>	<b>M909220-01</b>							
Benzene	9/13/99	10.0	ND	8.80	ug/l	60.0-140	88.0			
Toluene	"	10.0	ND	9.30	"	60.0-140	93.0			
Ethylbenzene	"	10.0	ND	8.80	"	60.0-140	88.0			
Xylenes (total)	"	30.0	ND	27.4	"	60.0-140	91.3			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.0	"	70.0-130	100			
<b>Matrix Spike Dup</b>		<b>9090354-MSD1</b>	<b>M909220-01</b>							
Benzene	9/13/99	10.0	ND	9.00	ug/l	60.0-140	90.0	25.0	2.25	
Toluene	"	10.0	ND	9.70	"	60.0-140	97.0	25.0	4.21	
Ethylbenzene	"	10.0	ND	9.20	"	60.0-140	92.0	25.0	4.44	
Xylenes (total)	"	30.0	ND	28.5	"	60.0-140	95.0	25.0	3.97	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.60	"	70.0-130	96.0			
<b>Batch: 9090432</b>	<b>Date Prepared: 9/15/99</b>					<b>Extraction Method: EPA 5030B [P/T]</b>				
<b>Blank</b>	<b>9090432-BLK1</b>									
Purgeable Hydrocarbons	9/15/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.1	"	70.0-130	101			
<b>LCS</b>	<b>9090432-BSI</b>									
Purgeable Hydrocarbons	9/15/99	250		208	ug/l	70.0-130	83.2			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.0	"	70.0-130	100			
<b>LCS Dup</b>	<b>9090432-BSD1</b>									
Purgeable Hydrocarbons	9/15/99	250		242	ug/l	70.0-130	96.8	25.0	15.1	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.0	"	70.0-130	100			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 990830-X1 Project Manager: Christine Lillie	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/29/99
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**MTBE by DHS LUFF Quality Control**  
**Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
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**Batch: 9090354**

**Date Prepared: 9/13/99**

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

**Blank**

**9090354-BLK1**

Methyl tert-butyl ether	9/13/99			ND	ug/l	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.0	"	70.0-130	100			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 990830-X1 Project Manager: Christine Lillie	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/29/99
---	---	--

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
<b>Batch: 9090252</b>		<b>Date Prepared: 9/10/99</b>			<b>Extraction Method: EPA 3510B</b>					
<b>Blank</b>		<b>9090252-BLK1</b>								
Diesel (C10-C24)	9/14/99			ND	mg/l	0.0500				
Surrogate: <i>o</i> -Terphenyl	"	0.100		0.0822	"	50.0-150	82.2			
<b>LCS</b>		<b>9090252-BS1</b>								
Diesel (C10-C24)	9/14/99	1.00		0.731	mg/l	50.0-150	73.1			7
Surrogate: <i>o</i> -Terphenyl	"	0.100		0.0851	"	50.0-150	85.1			
<b>LCS Dup</b>		<b>9090252-BSD1</b>								
Diesel (C10-C24)	9/14/99	1.00		0.570	mg/l	50.0-150	57.0	20.0	24.8	7
Surrogate: <i>o</i> -Terphenyl	"	0.100		0.0833	"	50.0-150	83.3			





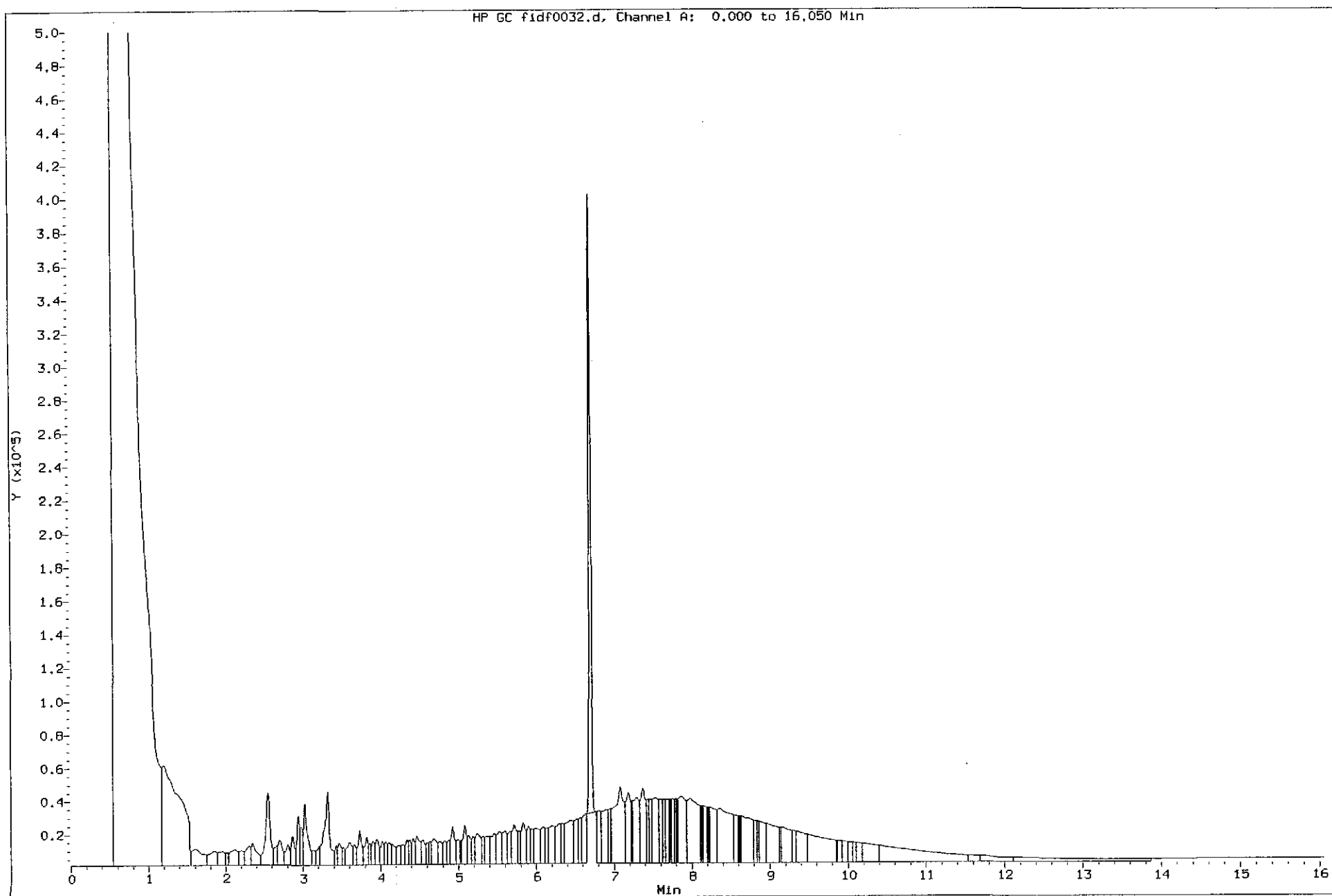
Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0290 (1802 Webster St., Alameda) Project Number: 990830-X1 Project Manager: Christine Lillie	Sampled: 8/30/99 Received: 8/31/99 Reported: 9/29/99
---	---	--

### Notes and Definitions

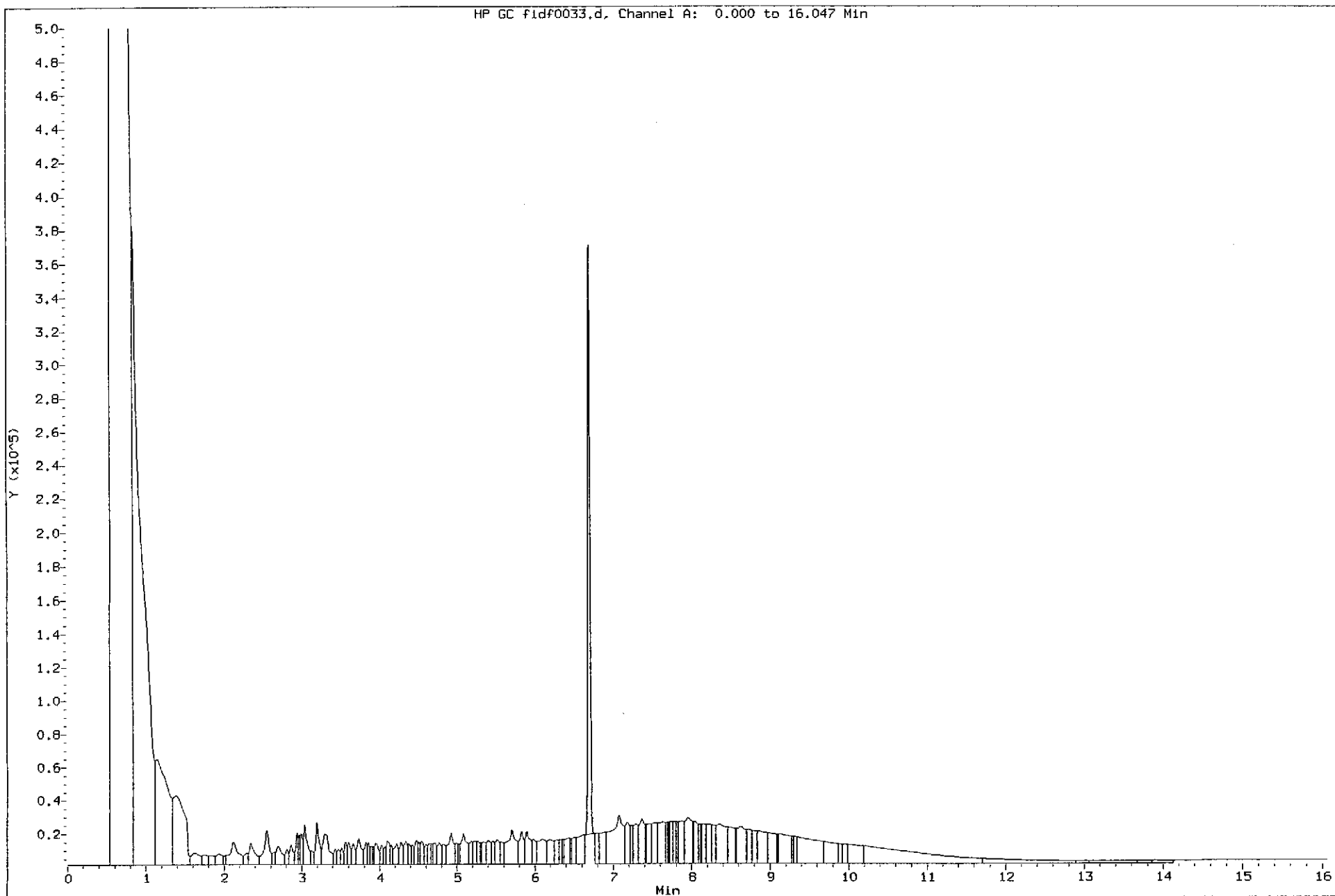
#	Note
D	Data reported from a dilution.
1	Chromatogram Pattern: Gasoline C6-C12
2	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
3	Chromatogram Pattern: Weathered Gasoline C6-C12
4	Hydrocarbon pattern in sample appears to be weathered.
5	Results in the diesel organics range are elevated due to overlap from higher boiling point hydrocarbons.
6	Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
7	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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



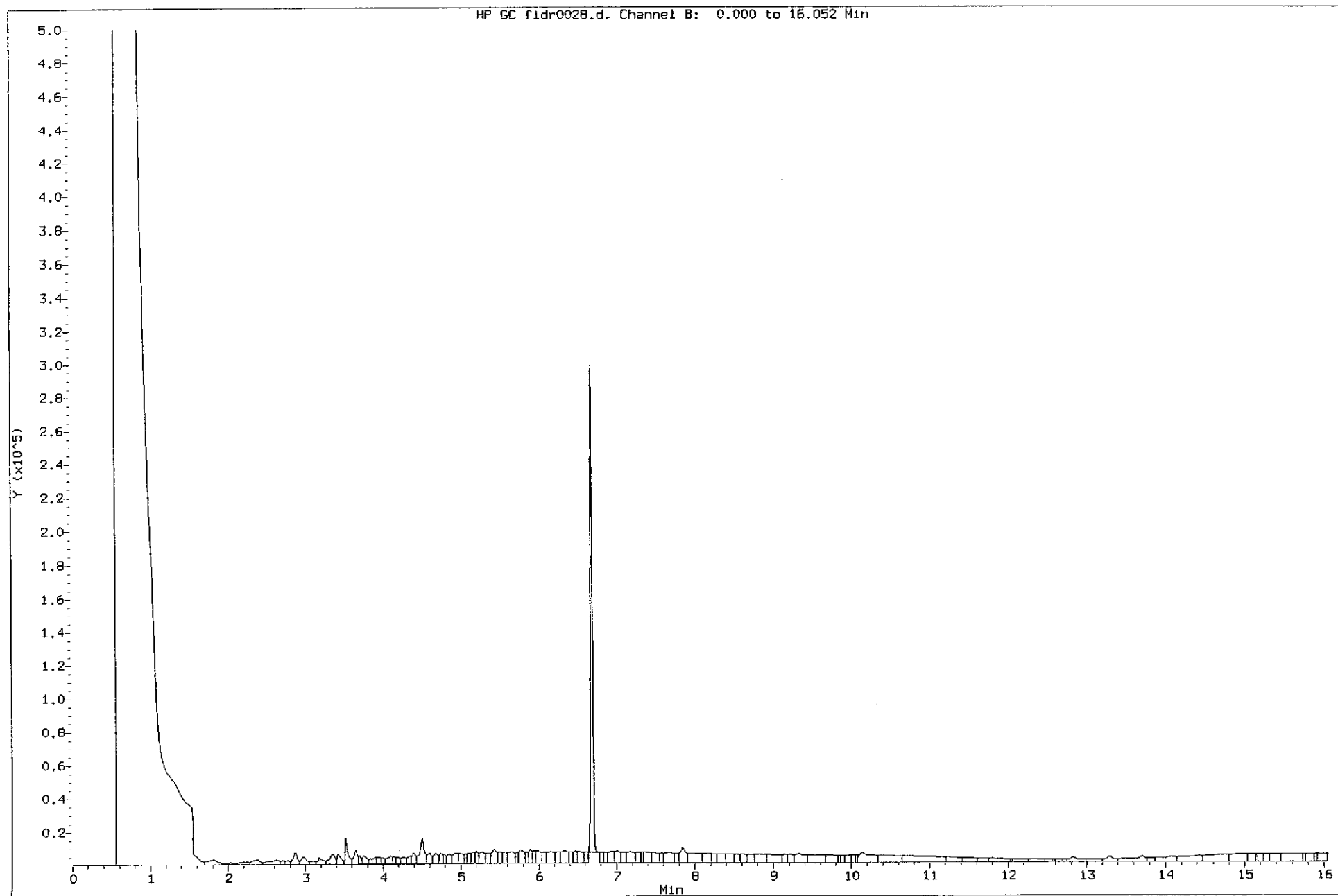
Data File: /chem/70gce02.i/091499.b/fidf0032.d  
Injection Date: 14-SEP-1999 21:20  
Instrument: 70gce02.i  
Client Sample ID: P909134-07



Data File: /chem/70gce02.i/091499.b/fidf0033.d  
Injection Date: 14-SEP-1999 21:42  
Instrument: 70gce02.i  
Client Sample ID: P909134-08

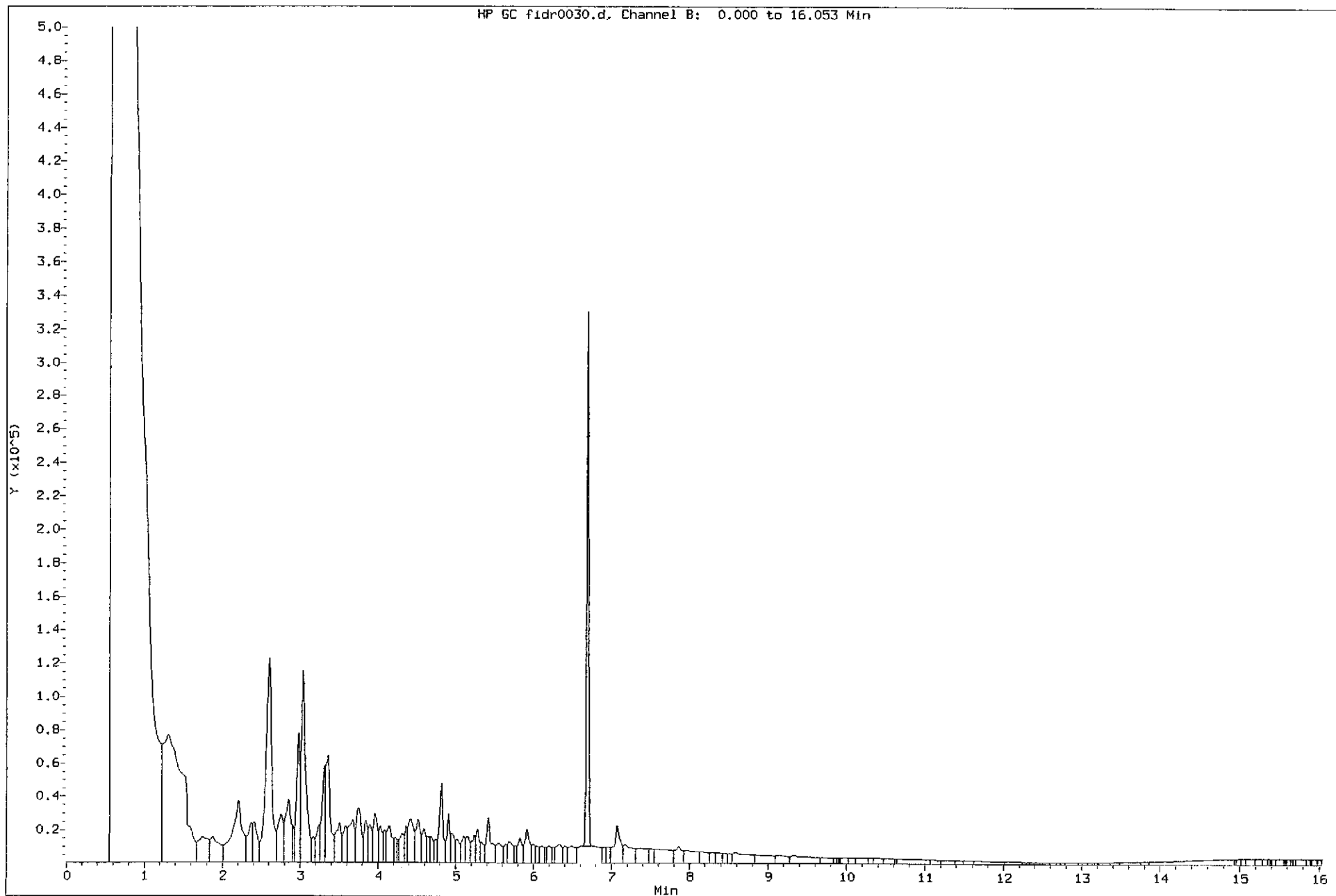


Data File: /chem/70gce02.1/091499.b/fidr0028.d  
Injection Date: 14-SEP-1999 19:54  
Instrument: 70gce02.1  
Client Sample ID: P909134-04





Data File: /chem/70gce02.1/091499.b/fidr0030.d  
Injection Date: 14-SEP-1999 20:37  
Instrument: 70gce02.1  
Client Sample ID: P909134-06



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 9-0290  
Facility Address 1802 Webster St., Alameda  
Consultant Project Number 990830-XI  
Consultant Name BLAINE TECH SERVICE, INC.  
Address 1680 ROGERS AVE., SAN JOSE  
Project Contact (Name) CHRISTINE LILLIE  
(Phone) 408-573-0555 (Fax Number) 408-573-7771

Chevron Contact (Name) BRETT BUNTER  
(Phone) (925) 842-8695  
Laboratory Name SEQUOIA  
Laboratory Service Order 9144488  
Laboratory Service Code Z202800  
Samples Collected by (Name) JEREMY CARLIN  
Signature [Signature]

State Method:  CA  OR  WA  NW Series  CO  UT

1 of 4 up 1 up 1 up 1 up

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	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				
					BTEX/MTBE-TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (8520)	Metals (ICAP or AA) Cd,Cr,Pb,Zn,NI	BTEX (8020)	BTEX/MTBE/Naph. (8020)		TPH - HCID	TPH-D Extended		
A-1 ✓	4			8/30/99 13:42	X	X														01
B-1 ✓	5			12:22	↓	↓														02
B-5 ✓	5			12:02	↓	↓														03
B-6 ✓	5			12:02		X														04
B-7 ✓	3			10:35	X															05
B-10 ✓	5			11:20	↓	X														06
B-11 ✓	5			12:40	↓	↓														07
B-12 ✓	5			12:20	↓	↓														08
B-13 ✓	5			11:40	↓	↓														09
TB ✓	2				↓	↓														10

99083044

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BT3</u>	Date/Time <u>8/21/99 10:25</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>SAMH</u>	Date/Time <u>8/23/99</u>	Iced Y/N
Relinquished By (Signature) <u>[Signature]</u>	Organization	Date/Time	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>8/31/99</u>	Iced Y/N
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N

Turn Around Time (Circle Choice)

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



September 29, 1999

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

RE: Chevron 9-0290/9090044

Dear Christine Lillie

The attached chromatograms were inadvertently left out of the report for Sequoia Analytical- Morgan Hill Project # 9090044. These are the chromatograms for the unidentified hydrocarbons of range C6-C12. The corresponding Blaine Tech Project is Project# 990830-X1 Chevron Facility 9-0290 (1802 Webster St., Alameda) If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wendy Bonnes  
Project Manager

CA ELAP Certificate Number 1210



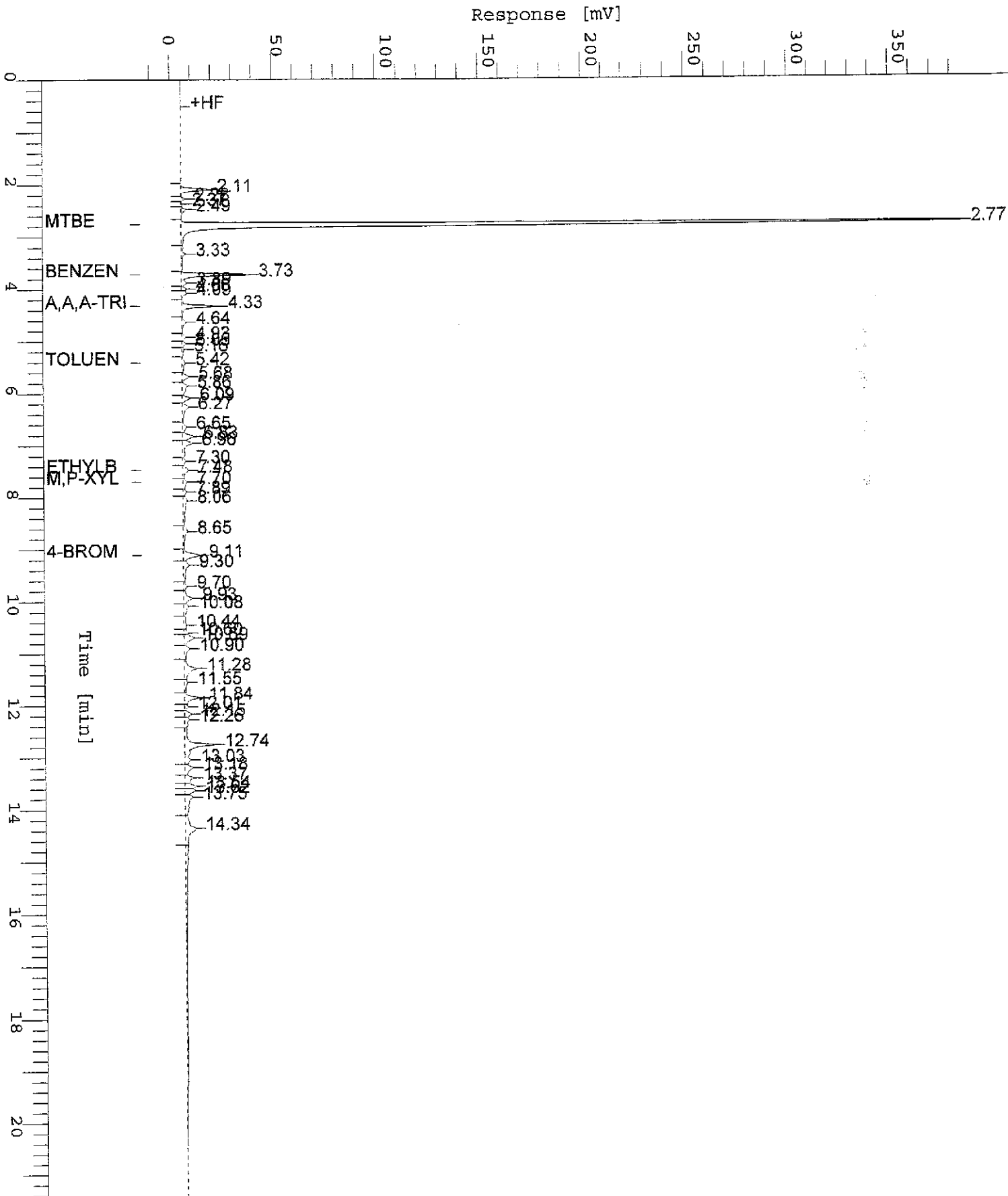
# Chromatogram

Sample Name : 9090044-2  
FileName : S:\GHP\_31\0912\911B006.raw  
Method : TPH  
Start Time : 0.00 min  
Scale Factor: -1.0

End Time : 21.44 min  
Plot Offset: -14 mV

Sample #: B-1  
Date : 10/6/99 12:01  
Time of Injection: 9/11/99 10:54  
Low Point : -14.47 mV  
Plot Scale: 400.0 mV  
High Point : 385.53 mV

Page 1 of 1



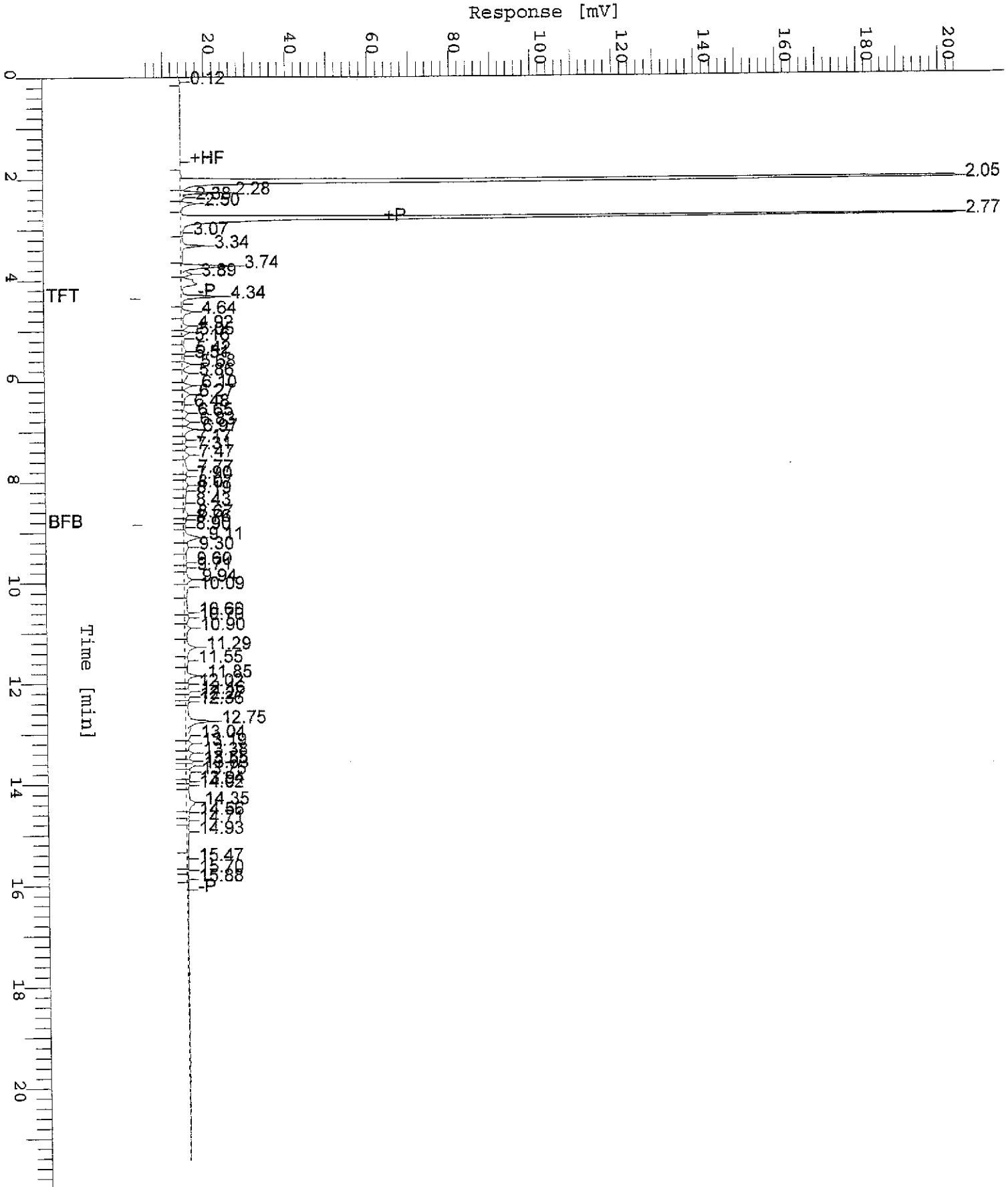
# Chromatogram

Sample Name : 9090044-2  
FileName : S:\GHP\_31\0912\911A006.raw  
Method : TPH  
Start Time : 0.00 min  
Scale Factor: -1.0

End Time : 22.00 min  
Plot Offset: 4 mV

Sample #: B-1  
Date : 10/6/99 12:01  
Time of Injection: 9/11/99 10:54  
Low Point : 4.29 mV  
High Point : 204.29 mV  
Plot Scale: 200.0 mV

Page 1 of 1

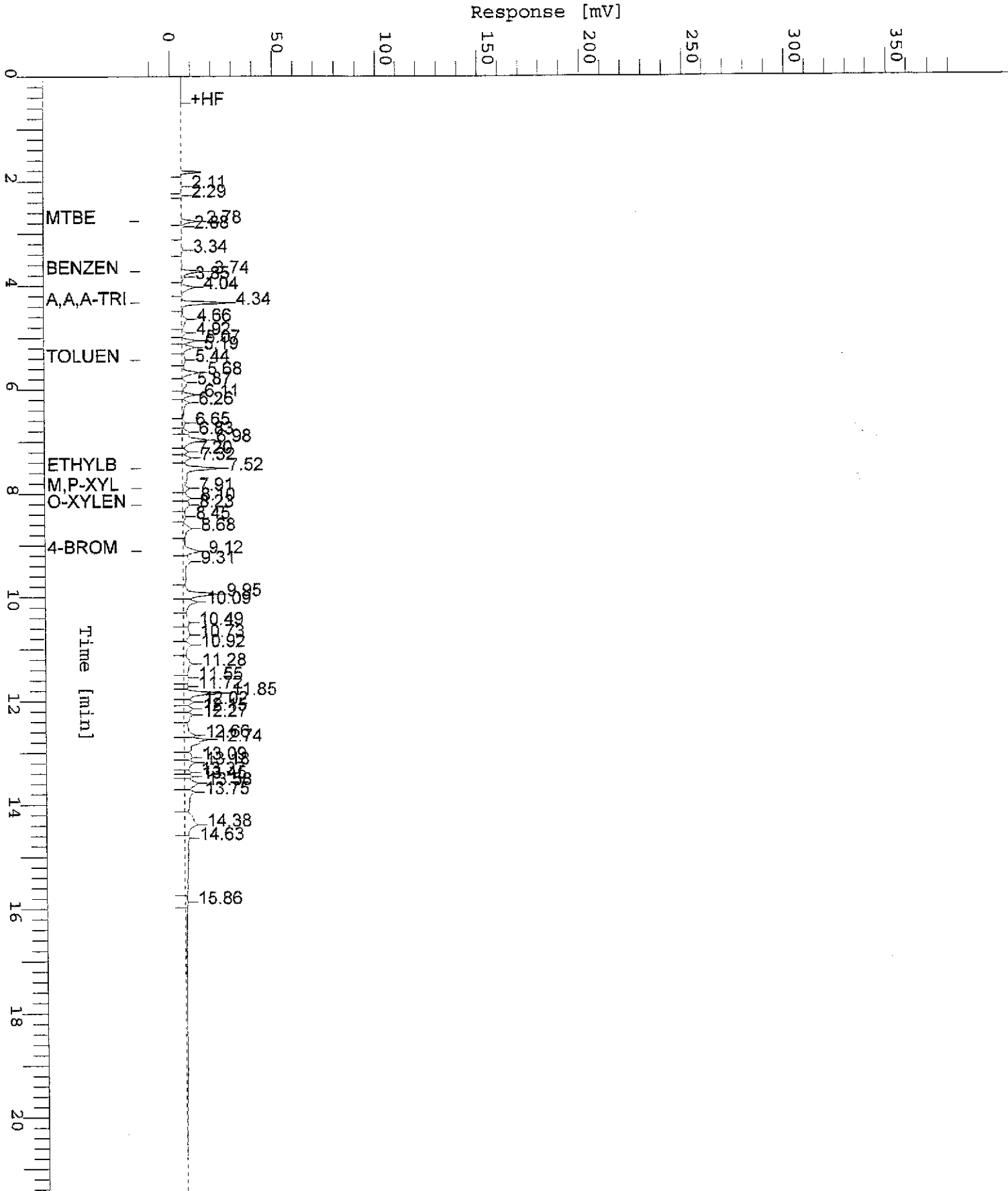


# Chromatogram

Sample Name : 9090044-6  
FileName : S:\GHP\_31\0912\911B008.raw  
Method : TPH  
Start Time : 0.00 min  
Scale Factor: -1.0

Sample #: B-10  
Date : 10/6/99 12:01  
Time of Injection: 9/11/99 12:01  
Low Point : -14.46 mV  
Plot Scale: 400.0 mV

Page 1 of 1



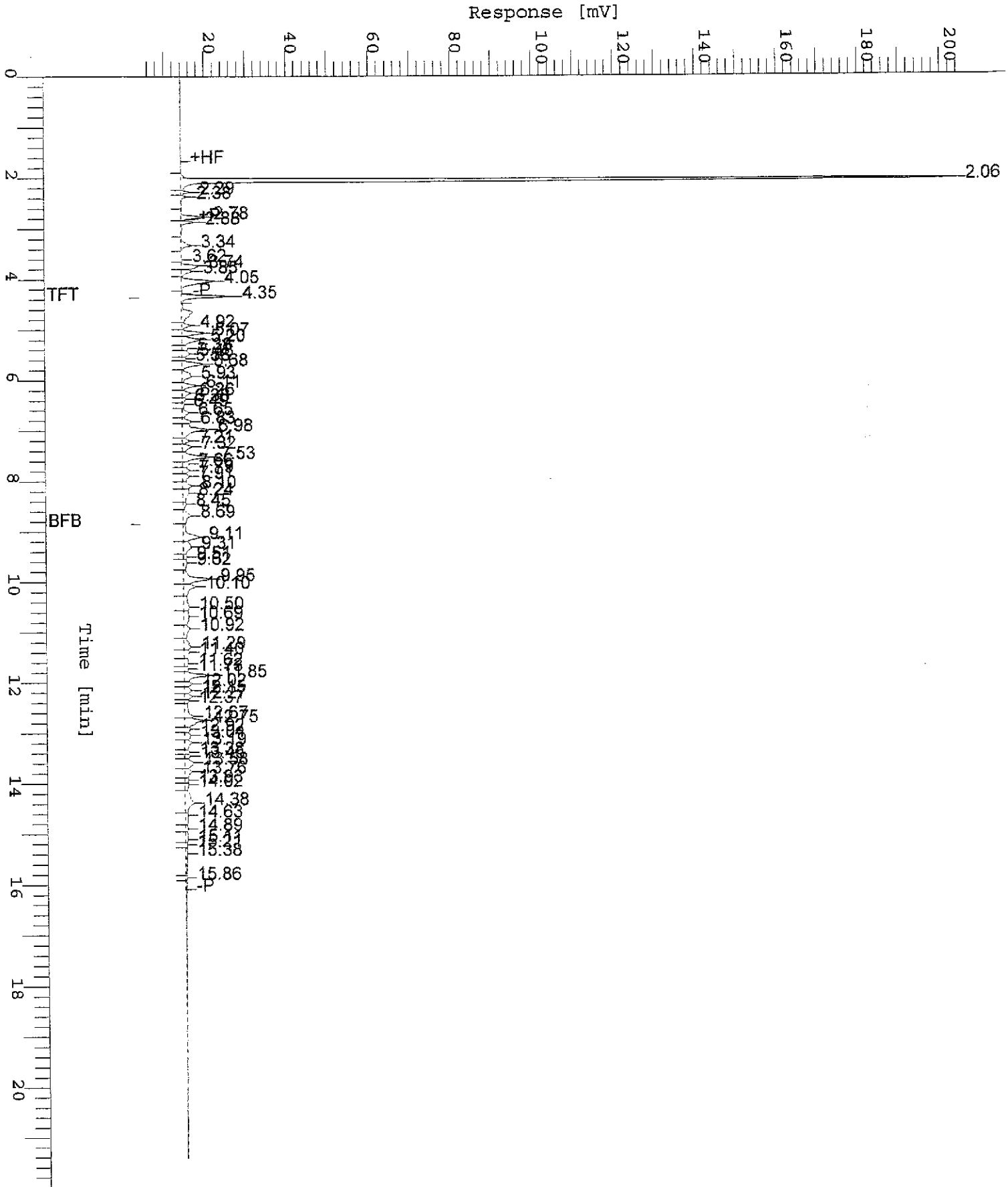
# Chromatogram

Sample Name : 9090044-6  
FileName : S:\GHP\_31\0912\911A008.raw  
Method : TPH  
Start Time : 0.00 min  
Scale Factor: -1.0

End Time : 22.00 min  
Plot Offset: 4 mV

Sample #: E-10  
Date : 10/6/99 12:01  
Time of Injection: 9/11/99 12:01  
Low Point : 4.01 mV  
High Point : 204.01 mV  
Plot Scale: 200.0 mV

Page 1 of 1

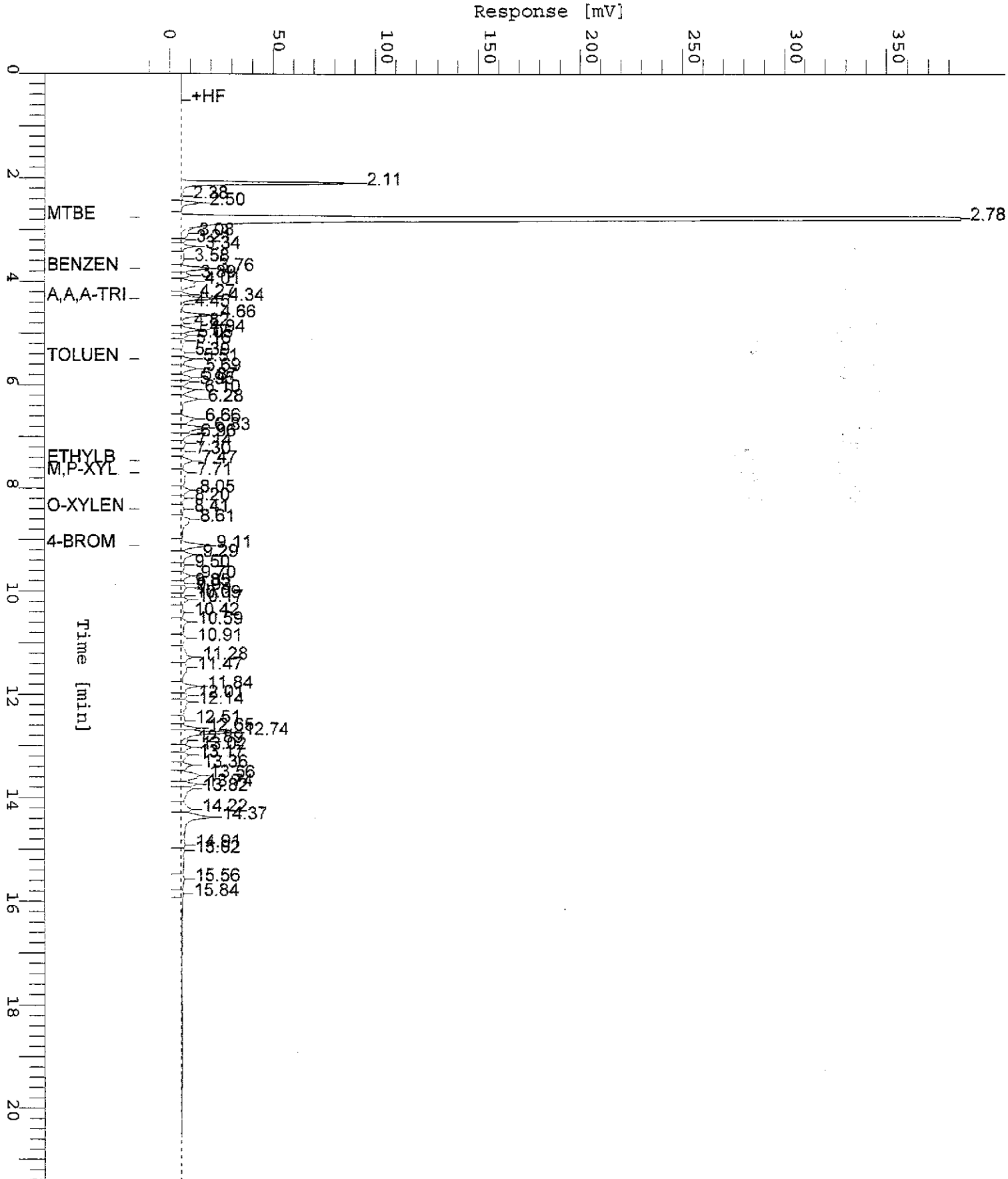


# Chromatogram

Sample Name : 9090044-8  
FileName : S:\GHP\_31\0912\911B009.raw  
Method : TPH  
Start Time : 0.00 min  
Scale Factor: -1.0

Sample #: B-12  
Date : 10/6/99 12:01  
Time of Injection: 9/11/99 12:33  
Low Point : -14.44 mV  
High Point : 385.56 mV  
Plot Scale: 400.0 mV

Page 1 of 1





Chain-of-Custody-Recd

Chevron Products Co. P.O. BOX 6004 San Ramon, CA 94583 FAX (925)842-8370	Chevron Facility Number <u>9-0290</u>	Chevron Contact (Name) <u>BRETT HUNTER</u>
	Facility Address <u>1802 Webster St., Alameda</u>	(Phone) <u>(925) 842-8695</u>
	Consultant Project Number <u>990830-X1</u>	Laboratory Name <u>SEQUOIA</u>
	Consultant Name <u>BLAINE TECH SERVICE, INC.</u>	Laboratory Service Order <u>9144488</u>
	Address <u>1680 ROGERS AVE., SAN JOSE</u>	Laboratory Service Code <u>ZZ02800</u>
	Project Contact (Name) <u>CHRISTINE LILLIE</u>	Samples Collected by (Name) <u>James Carlin</u>
	(Phone) <u>408-573-0555</u> (Fax Number) <u>408-573-7771</u>	Signature <u>[Signature]</u>

Vertical handwritten notes on the left margin.

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	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	
					BTX/MTBE/TPH GAS (8020 + 8015)	BTX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (8520)	Metals (ICAP or AA) Cd,Cr,Pb,Zn,Ni	BTX (8020)	BTX/MTBE/Naph. (8020)	TPH - HClD	TPH-D Extended			
A-1 ✓	4			8/30/04 13:42	X	X														01
B-1 ✓	5			12:22	↓	↓														31
B-5 ✓	5			12:02	↓	↓														12
B-6 ✓	5			12:02		X														02
B-7 ✓	3			10:35	X													X		03
B-10 ✓	5			11:20	↓	X														04
B-11 ✓	5			12:40	↓	↓														05
B-12 ✓	5			12:20	↓	↓														06
B-13 ✓	5			11:40	↓	↓														07
TB ✓	2				↓	↓														08

9090044

Vertical handwritten note on the far left margin.

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BT3</u>	Date/Time <u>8/21/04 10:25</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>[Blank]</u>	Date/Time <u>10/23/04</u>	iced Y/N	Turn Around Time (Circle Choice)  24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature) <u>[Signature]</u>	Organization	Date/Time	Received By (Signature) <u>[Signature]</u>	Organization <u>SAMH</u>	Date/Time <u>8/31/04</u>	iced Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	iced Y/N	

# **Field Data Sheets**



## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990830-X1</u>	Station #: <u>9-0290</u>
Sampler: <u>h.c.</u>	Date: <u>8-30-99</u>
Well I.D.: <u>A-1</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>11.05</u>	Depth to Water: <u>6.04</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): YSI HACH

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

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

<u>1.8</u>	X	<u>3</u>	=	<u>3.4</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:30	75.0	7.6	918.9	2.0	
13:33	73.6	7.5	907.2	4.0	
13:36	73.2	7.5	907.0	5.5	

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Gallons actually evacuated: <u>5.5</u>
Sampling Time: <u>13:42</u>	Sampling Date: <u>8-30-99</u>
Sample I.D.: <u>A-1</u>	Laboratory: <u>Sequoia</u> CORE N. Creek Assoc. Labs
Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input checked="" type="checkbox"/> TPH-D Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: _____ mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990830-X1</u>	Station #: <u>9-0290</u>
Sampler: <u>h.c.</u>	Date: <u>8-30-99</u>
Well I.D.: <u>46.00 R-1</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>16.00</u>	Depth to Water: <u>6.21</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

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

<u>1.5</u>	x	<u>3</u>	=	<u>4.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12:12	<u>69.1</u> <del>72</del>	<u>7.2</u> <del>6.8</del>	<u>1583</u>	<u>1.5</u>	
12:14	<u>68.8</u>	<u>7.2</u>	<u>1649</u>	<u>3.0</u>	
12:16	<u>68.0</u>	<u>7.2</u>	<u>1652</u>	<u>4.5</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 4.5

Sampling Time: 12:22 Sampling Date: 8-30-99

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

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

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

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

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

## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990830-X1</u>	Station #: <u>9-0290</u>
Sampler: <u>h.c.</u>	Date: <u>8-30-99</u>
Well I.D.: <u>B5</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u>    </u>
Total Well Depth: <u>18.00</u>	Depth to Water: <u>5.16</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): YSI HACH

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

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

<u>2.0</u>	X	<u>3</u>	=	<u>6.0</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>11:50</u>	<u>72.8</u>	<u>7.1</u>	<u>920.0</u>	<u>2.0</u>	
<u>11:53</u>	<u>71.0</u>	<u>7.0</u>	<u>933.3</u>	<u>4.0</u>	
<u>11:56</u>	<u>70.9</u>	<u>7.0</u>	<u>933.7</u>	<u>6.0</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated:
Sampling Time: <u>12:02</u>	Sampling Date: <u>8-30-99</u>
Sample I.D.: <u>B5</u>	Laboratory: <u>Sequoia</u> CORE N. Creek Assoc. Labs
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: <u>    </u> mg/L      Post-purge: <u>    </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u>    </u> mV      Post-purge: <u>    </u> mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990830-X1</u>	Station #: <u>9-0290</u>
Sampler: <u>H.C.</u>	Date: <u>8-30-99</u>
Well I.D.: <u>B-6</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u>    </u>
Total Well Depth: <u>18.30</u>	Depth to Water: <u>5.91</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <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>1.9</u>	X	<u>3</u>	=	<u>5.7</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>12:50</u>	<u>73.1</u>	<u>7.2</u>	<u>932.9</u>	<u>2.0</u>	
<u>12:53</u>	<u>73.8</u>	<u>7.0</u>	<u>941.7</u>	<u>4.0</u>	
<u>12:56</u>	<u>74.0</u>	<u>7.0</u>	<u>942.9</u>	<u>6.0</u>	

Did well dewater? Yes  No  Gallons actually evacuated: \_\_\_\_\_

Sampling Time: 13:02 Sampling Date: 8-30-99

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

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

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

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

## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990830-X1</u>	Station #: <u>9-0290</u>
Sampler: <u>h.c.</u>	Date: <u>8-30-99</u>
Well I.D.: <u>B-7</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u>    </u>
Total Well Depth: <u>1331</u>	Depth to Water: <u>5.29</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <u>Bailer</u> Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: <u>                    </u>	Sampling Method: <u>Bailer</u> Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: <u>                    </u>
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<u>1.2</u>	X	<u>3</u>	=	<u>3.6</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:45	73.8	6.8	842.9	1.5	
10:47	71.6	7.1	922.5	2.5	
10:49	70.8	7.0	930.1	4.0	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>4.0</u>
Sampling Time: <u>10:55</u>	Sampling Date: <u>8-30-99</u>
Sample I.D.: <u>B-7</u>	Laboratory: <u>Sequoia</u> CORE N. Creek Assoc. Labs
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: <u>    </u> mg/L      Post-purge: <u>    </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u>    </u> mV      Post-purge: <u>    </u> mV



## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990830-X1</u>	Station #: <u>9-0290</u>
Sampler: <u>V.C.</u>	Date: <u>8-30-99</u>
Well I.D.: <u>B-10</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>14.50</u>	Depth to Water: <u>6.36</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <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>1.3</u>	X	<u>3</u>	=	<u>3.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>11:10</u>	<u>74.0</u>	<u>7.0</u>	<u>1072</u>	<u>1.5</u>	
<u>11:12</u>	<u>72.3</u>	<u>7.0</u>	<u>1079</u>	<u>2.5</u>	
<u>11:14</u>	<u>71.9</u>	<u>7.0</u>	<u>1080</u>	<u>4.0</u>	

Did well dewater? Yes  No  Gallons actually evacuated: 4.0

Sampling Time: 11:20 Sampling Date: 8-30-99

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

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

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

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

# CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990830-X1</u>	Station #: <u>9-0290</u>
Sampler: <u>h.c</u>	Date: <u>8-30-99</u>
Well I.D.: <u>B-11</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>14.37</u>	Depth to Water: <u>5.80</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <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>1.3</u>	X	<u>3</u>	=	<u>3.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12:30	69.9	7.4	809.6		
12:32	69.8	7.2	776.7		
12:34	69.9	7.2	775.7		

Did well dewater? Yes  No  Gallons actually evacuated: 4.0

Sampling Time: 12:40 Sampling Date: 8-30-99

Sample I.D.: B-11 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

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

## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990830-x1</u>	Station #: <u>9-0290</u>
Sampler: <u>h.c.</u>	Date: <u>8-30-99</u>
Well I.D.: <u>B-12</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u>    </u>
Total Well Depth: <u>15.17</u>	Depth to Water: <u>5.84</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): YSI HACH

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

Purge Method: <u>Bailer</u> Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: <u>Bailer</u> Disposable Bailer <u>X</u> Extraction Port Other: _____
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<u>1.4</u>	x	<u>3</u>	=	<u>4.2</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:10	70.1	7.6	1017	1.5	
13:12	71.3	7.3	1053	3.0	
13:14	71.0	7.2	1051	4.5	

Did well dewater? Yes  No  Gallons actually evacuated: 4.5

Sampling Time: 13:20 Sampling Date: 8-30-99

Sample I.D.: B-12 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
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O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV
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## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990830-X1</u>	Station #: <u>9-0290</u>
Sampler: <u>V.C.</u>	Date: <u>8-30-99</u>
Well I.D.: <u>B-13</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>14.00</u>	Depth to Water: <u>5.74</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): YSI HACH

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

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

<u>1.3</u>	X	<u>3</u>	=	<u>3.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>11:30</u>	<u>73.7</u>	<u>7.3</u>	<u>543.9</u>		
<u>11:32</u>	<u>73.8</u>	<u>7.0</u>	<u>555.3</u>		
<u>11:34</u>	<u>74.0</u>	<u>7.0</u>	<u>557.2</u>		

Did well dewater? Yes  **(No)** Gallons actually evacuated: 4.0

Sampling Time: 11:40 Sampling Date: 8-30-99

Sample I.D.: B-13 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: **(TPH-G)** **(BTEX)** **(MTBE)** **(IPH-D)** Other: \_\_\_\_\_

Duplicate I.D.: \_\_\_\_\_ Analyzed for: TPH-G BTEX MTBE IPH-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