

ENVIRONMENTAL
PROTECTION

00 MAY -1 PM 4:52



Chevron

Chevron U.S.A. Products Company
6001 Bollinger Canyon Rd. Bldg. L
P. O. Box 8004
San Ramon, CA 94583-0804

Site Assessment and
Remediation Group
Phone (510) 842-3300
Fax (510) 842-3370

Date: 4-24-00

To: Distribution

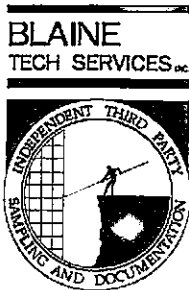
Re: Groundwater Monitoring Report, 9-6991

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



1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
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April 24, 2000

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

1st Quarter 2000 Monitoring at 9-6991

First Quarter 2000 Groundwater Monitoring at
Chevron Service Station Number 9-6991
2920 Castro Valley Blvd.
Castro Valley, CA

Monitoring Performed on December 16 and 20, 1999
and March 2, 2000

Groundwater Sampling Report 000302-C-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,



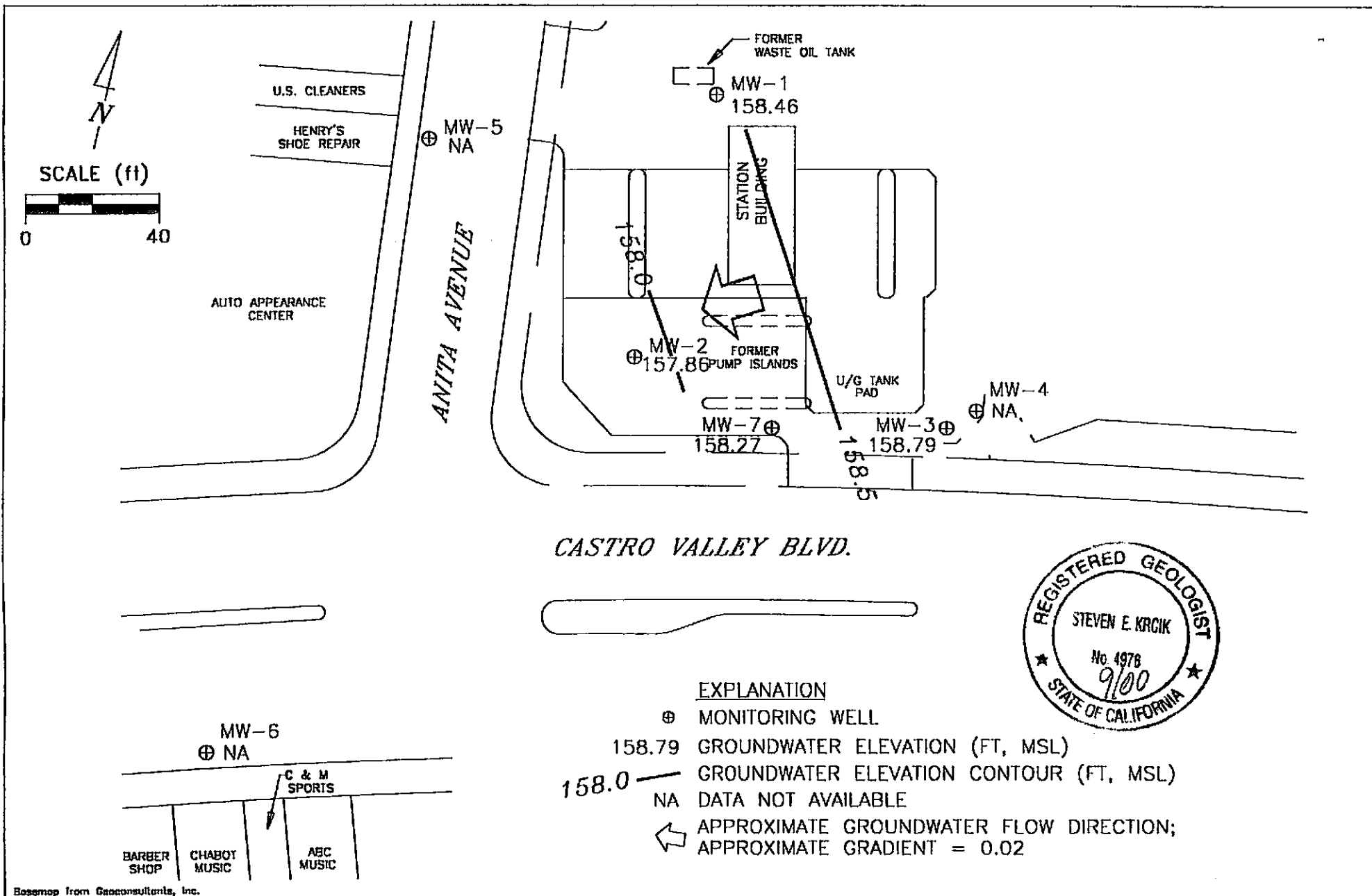
Scott Boor
Project Coordinator

SB/ew

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

cc: ~~Scott Seery, Alameda County Health Care Services~~
Chuck Headlee, RWQCB-San Francisco Bay Region
Greg Gurss, Gettler-Ryan, Inc.
Bill Scudder, Chevron Products Company (w/o enclosure)

Professional Engineering Appendix



Base map from Geoconsultants, Inc.

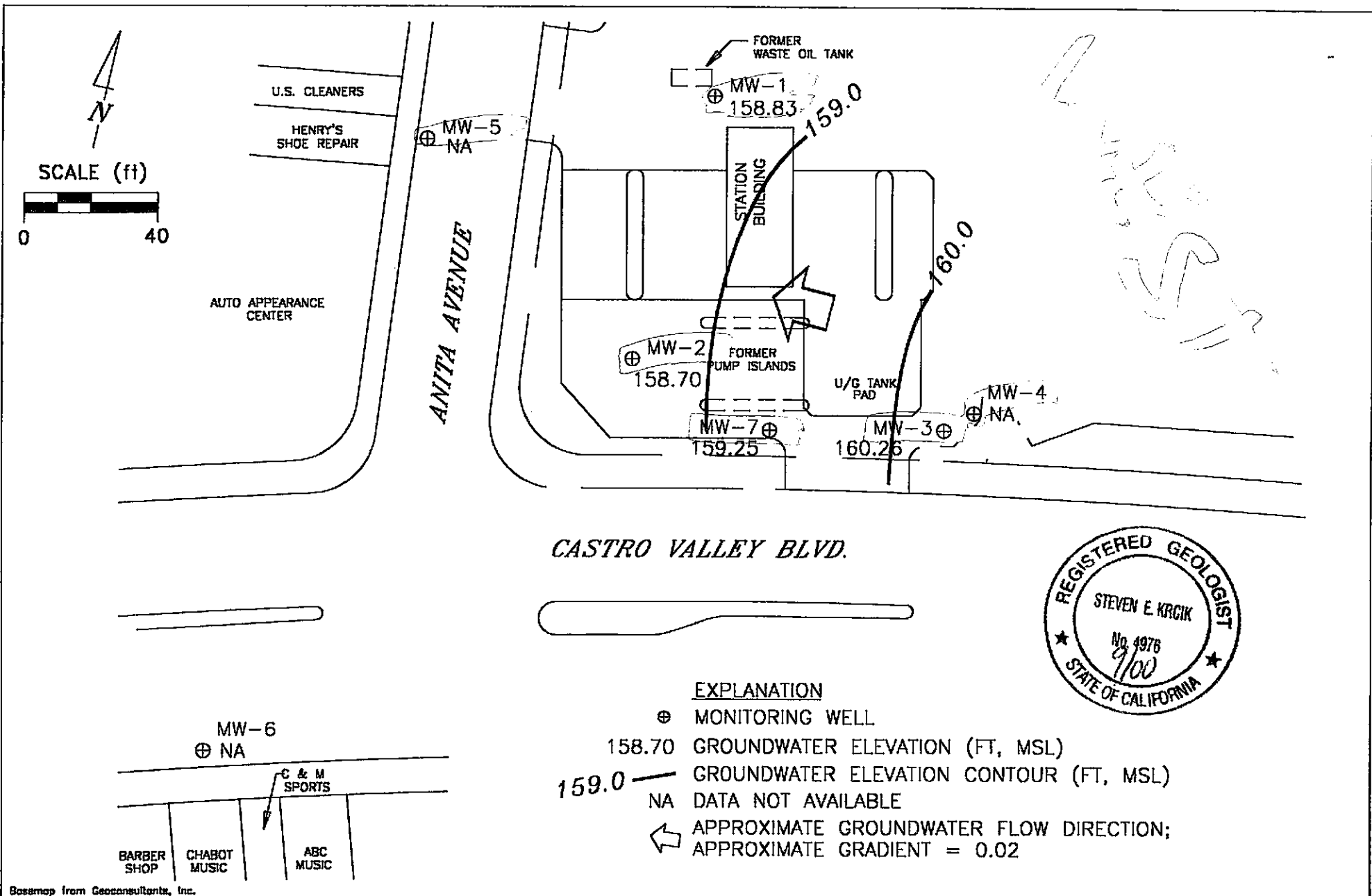
PREPARED BY

RRM
engineering contracting firm

Chevron Station 9-6991
2920 Castro Valley Boulevard
Castro Valley, California

GROUNDWATER ELEVATION CONTOUR MAP,
DECEMBER 16, 1999

FIGURE:
1
PROJECT:
DAC04



Basemap from Geiconsultants, Inc.

PREPARED BY

RRM
engineering contracting firm

Chevron Station 9-6991
2920 Castro Valley Boulevard
Castro Valley, California

GROUNDWATER ELEVATION CONTOUR MAP,
MARCH 2, 2000

FIGURE:
2
PROJECT:
DAC04

Table of Well Data and Analytical Results

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
MW-1												
10/08/91	169.30	158.20	11.10	--	230	45	<0.5	0.9	9.1	--	--	<5000
11/04/91	169.30	158.27	11.03	--	340	120	<0.5	<0.5	6.1	--	--	--
12/04/91	169.30	158.25	11.05	--	<50	3.9	<0.5	<0.5	<0.5	--	170	<5000
06/05/92	169.30	158.26	11.04	--	100	26	0.6	0.5	1.0	--	<50	--
10/27/92	169.30	158.20	11.10	--	<50	11	<0.5	<0.5	<0.5	--	54	--
12/30/92	169.30	--	--	--	<50	24	<0.5	<0.5	<0.5	--	170	--
01/27/93	169.30	158.67	10.63	--	--	--	--	--	--	--	--	--
03/05/93	169.30	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/17/93	169.30	158.59	10.71	--	--	--	--	--	--	--	--	--
06/18/93	169.30	158.29	11.01	--	<50	0.6	<0.5	<0.5	<1.5	--	<50	--
09/28/93	169.30	157.35	11.95	--	<50	0.8	<0.5	<0.5	<1.5	--	<50	--
12/30/93	169.30	158.34	10.96	--	<50	8.5	<0.5	<0.5	<0.5	--	<50	--
04/07/94	169.30	158.49	10.81	--	<50	<0.5	<0.5	<0.5	<0.5	--	<10	--
05/31/94	169.30	158.38	10.92	--	<50	1.0	<0.5	<0.5	<0.5	--	<50	--
09/23/94	169.30	158.40	10.90	--	<50	1.3	<0.5	<0.5	<0.5	--	<50	--
11/30/94	169.30	158.76	10.54	--	<50	8.9	<0.5	<0.5	<0.5	--	570*	--
03/30/95	169.30	158.60	10.70	--	<50	<0.5	<0.5	<0.5	<0.5	--	110**	--
06/06/95	169.30	158.38	10.92	--	61	15	<0.5	<0.5	<0.5	--	570**	--
09/25/95	169.30	158.30	11.00	--	<50	4.7	<0.5	<0.5	<0.5	--	550**	--
12/28/95	169.30	158.50	10.80	--	72	9.1	0.65	<0.5	<0.5	6.0	330**	--
03/05/96	169.30	159.20	10.10	Sampled annually	<50	7.8	<0.5	<0.5	<0.5	<2.5	780**	--
09/13/96	169.30	158.28	11.02	--	--	--	--	--	--	--	--	--
12/19/96	169.30	158.08	11.22	--	--	--	--	--	--	--	--	--
03/20/97	169.30	158.40	10.90	--	<50	2.2	<0.5	<0.5	<0.5	<2.5	350**	--
06/27/97	169.30	158.27	11.03	--	--	--	--	--	--	--	--	--
09/19/97	169.30	158.34	10.96	--	--	--	--	--	--	--	--	--
12/05/97	169.30	158.62	10.68	--	--	--	--	--	--	--	--	--
03/31/98	169.30	158.67	10.63	--	<50	6.7	<0.5	<0.5	<0.5	<2.5	760**	--
06/19/98	169.30	159.62	9.68	--	--	--	--	--	--	--	--	--
08/13/98	169.30	157.67	11.63	--	--	--	--	--	--	--	--	--
12/17/98	169.30	158.25	11.05	--	--	--	--	--	--	--	--	--

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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.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
MW-1 (CONT'D)												
03/19/99	169.30	158.35	10.95	--	124	14.8	<0.5	<0.5	<0.5	6.49	890**	--
03/19/99	169.30	158.35	10.95	Confirmation Run	--	--	--	--	--	<2.5	--	--
06/23/99	169.30	158.23	11.07	--	--	--	--	--	--	--	--	--
09/16/99	169.30	158.41	10.89	--	--	--	--	--	--	--	--	--
12/16/99	169.30	158.46	10.84	--	--	--	--	--	--	--	--	--
03/02/00	169.30	158.83	10.47	--	155	10.4	<0.5	<0.5	<0.5	10.3	2300**	--

* 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.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
MW-2												
10/08/91	169.15	157.20	11.95	--	110	5.1	1.1	0.8	26	--	--	--
11/19/91	169.15	157.40	11.75	--	120	11	1.1	<0.5	17	--	--	--
12/04/91	169.15	157.35	11.80	--	440	30	2.5	<0.5	52	--	130	--
06/05/92	169.15	157.35	11.80	--	80	13	<0.5	<0.5	1.0	--	130	--
10/27/92	169.15	157.15	12.00	--	54	13	<0.5	<0.5	<0.5	--	110	--
12/30/92	169.15	--	--	--	180	30	<0.5	<0.5	1.0	--	92	--
01/27/93	169.15	158.24	10.91	--	--	--	--	--	--	--	--	--
03/05/93	169.15	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/17/93	169.15	158.26	10.89	--	--	--	--	--	--	--	--	--
06/18/93	169.15	157.41	11.74	--	<50	1.4	<0.5	<0.5	<1.5	--	<50	--
09/28/93	169.15	157.97	11.18	--	<50	0.6	<0.5	<0.5	<1.5	--	<50	--
12/30/93	169.15	158.34	21.00	--	<50	0.9	<0.5	<0.5	<0.5	--	<50	--
04/07/94	169.15	158.40	10.75	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
05/31/94	169.15	158.35	10.80	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/23/94	169.15	157.50	11.65	--	<50	0.7	<0.5	<0.5	<0.5	--	120	--
11/30/94	169.15	158.41	10.74	--	55	2.9	<0.5	1.4	0.94	--	570*	--
03/30/95	169.15	158.25	10.90	--	91	4.5	<0.5	3.8	<0.5	--	430**	--
06/06/95	169.15	157.73	11.42	--	<50	<0.5	<0.5	<0.5	<0.5	--	410**	--
09/25/95	169.15	157.52	11.63	--	<50	<0.5	<0.5	<0.5	<0.5	--	220**	--
12/28/95	169.15	157.98	11.17	--	<2000	<20	<20	<20	<20	5000	120**	--
03/05/96	169.15	159.09	10.06	Sampled biannually	<2000	<20	<20	<20	<20	10,000	860**	--
09/13/96	169.15	157.37	11.78	--	1100	25	<10	<10	<10	20,000	1300	--
12/19/96	169.15	158.30	10.85	--	--	--	--	--	--	--	--	--
03/20/97	169.15	157.75	11.40	--	2400	<10	<10	46	<10	6200	190**	--
06/27/97	169.15	157.35	11.80	--	--	--	--	--	--	--	--	--
09/19/97	169.15	157.43	11.72	--	<50	<0.5	<0.5	<0.5	<0.5	280	60**	--
12/08/97	169.15	158.27	10.88	--	--	--	--	--	--	--	--	--
03/31/98	169.15	158.46	10.69	--	110	30	0.74	0.74	0.59	1000	220**	--
06/19/98	169.15	159.31	9.84	--	--	--	--	--	--	--	--	--
08/31/98	169.15	157.43	11.72	--	<100	3.4	<1.0	<1.0	<1.0	980	380**	--
12/17/98	169.15	157.60	11.55	--	--	--	--	--	--	480	--	--

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
MW-2 (CONT'D)												
03/19/99	169.15	158.63	10.52	--	<250	12.7	<2.5	<2.5	<2.5	1040	107*	--
03/19/99	169.15	158.63	10.52	Confirmation Run	--	--	--	--	--	819	--	--
06/23/99	169.15	159.61	9.54	--	--	--	--	--	--	--	--	--
09/16/99	169.15	157.54	11.61	--	<100	<1.0	<1.0	<1.0	<1.0	216	84.9	--
12/16/99	169.15	157.86	11.29	--	--	--	--	--	--	--	--	--
03/02/00	169.15	158.70	10.45	--	84.8	21.5	<0.5	<0.5	0.636	413	<50	--

* Chromatogram pattern indicates a non-diesel mix + discrete peaks.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
MW-3												
10/08/91	169.11	160.84	8.27	--	81	1.9	0.7	0.8	2.4	--	--	--
11/04/91	169.11	158.26	10.85	--	60	<0.5	<0.5	<0.5	<0.5	--	--	--
12/04/91	169.11	158.06	11.05	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
06/05/92	169.11	157.96	11.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	170	--
10/27/92	169.11	157.51	11.60	--	<50	<0.5	<0.5	<0.5	<0.5	--	120	--
12/30/92	169.11	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	170	--
01/27/93	169.11	160.00	9.11	--	--	--	--	--	--	--	--	--
03/05/93	169.11	--	--	--	--	--	--	--	--	--	--	--
03/17/93	169.11	159.16	9.95	--	--	--	--	--	--	--	--	--
06/18/93	169.11	158.22	10.89	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
09/28/93	169.11	159.49	9.62	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
12/30/93	169.11	159.80	9.31	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
04/07/94	169.11	160.30	8.81	--	<50	<0.5	<0.5	<0.5	<0.5	--	<10	--
05/31/94	169.11	160.21	8.90	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/23/94	169.11	158.48	10.63	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	169.11	160.19	8.92	Inaccessible	--	--	--	--	--	--	--	--
03/30/95	169.11	160.01	9.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	290*	--
06/06/95	169.11	158.79	10.32	--	<50	<0.5	<0.5	<0.5	<0.5	--	150*	--
09/25/95	169.11	158.11	11.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	260*	--
12/28/95	169.11	158.96	10.15	--	<250	<2.5	<2.5	<2.5	<2.5	1400	200*	--
12/17/98	169.11	158.86	10.25	--	<250	<2.5	<2.5	<2.5	<2.5	62,000	130*	--
03/19/99	169.11	159.37	9.74	--	<1000	<10	<10	<10	<10	5650	139*	--
03/19/99	169.11	159.37	9.74	Confirmation Run	--	--	--	--	--	5850	--	--
06/23/99	169.11	158.40	10.71	--	<2000	<20	<20	<20	<20	6700	61.6*	--
09/16/99	169.11	157.44	11.67	--	<1000	<10	<10	<10	<10	1910	122	--
12/16/99	169.11	158.79	10.32	--	--	--	--	--	--	--	--	--
12/20/99	169.11	158.91	10.20	--	65.2	<0.5	<0.5	<0.5	<0.5	1790	96.8*	--
03/02/00	169.11	160.26	8.85	--	<50	<0.5	<0.5	<0.5	<0.5	5600	<50	--

* Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
MW-4												
10/27/92	169.18	157.79	11.39	--	<50	<0.5	0.6	0.5	4.3	--	<50	--
12/30/92	169.18	159.05	10.13	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
01/27/93	169.18	160.09	9.09	--	--	--	--	--	--	--	--	--
03/05/93	169.18	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/17/93	169.18	159.28	9.90	--	--	--	--	--	--	--	--	--
06/18/93	169.18	158.50	10.68	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
09/28/93	169.18	159.82	9.36	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
12/30/93	169.18	159.91	9.27	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
04/07/94	169.18	160.37	8.81	--	<50	<0.5	<0.5	<0.5	<0.5	--	<10	--
05/31/94	169.18	160.27	8.91	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/23/94	169.18	158.79	10.39	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	169.18	160.08	9.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/30/95	169.18	160.66	8.52	--	<50	<0.5	<0.5	<0.5	<0.5	--	58*	--
06/06/95	169.18	158.70	10.48	--	<50	<0.5	<0.5	<0.5	<0.5	--	61**	--
09/25/95	169.18	158.38	10.80	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
12/28/95	169.18	159.23	9.95	--	<50	<0.5	<0.5	<0.5	<0.5	9.9	<50	--

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.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
MW-5												
10/27/92	167.41	157.46	9.95	--	74	<0.5	<0.5	0.6	7.1	--	<50	--
12/30/92	167.41	158.21	9.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
01/27/93	167.41	157.80	9.61	--	--	--	--	--	--	--	--	--
03/05/93	167.41	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/17/93	167.41	157.90	9.51	--	--	--	--	--	--	--	--	--
06/18/93	167.41	157.56	9.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/28/93	167.41	157.55	9.86	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
12/30/93	167.41	157.08	10.33	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
04/07/94	167.41	157.69	9.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	<10	--
05/31/94	167.41	157.68	9.73	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/23/94	167.41	157.56	9.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	167.41	157.73	9.68	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/30/95	167.41	157.79	9.62	--	<50	<0.5	<0.5	<0.5	<0.5	--	79*	--
06/06/95	167.41	157.55	9.86	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/25/95	167.41	157.56	9.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
12/28/95	167.41	157.67	9.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<50	--

NO LONGER MONITORED OR SAMPLED

MW-6

10/27/92	166.46	153.92	12.54	--	600	22	22	24	130	--	<50	--
12/30/92	166.46	156.26	10.20	--	1700	170	16	46	160	--	470	--
01/27/93	166.46	156.44	10.02	--	--	--	--	--	--	--	--	--
03/05/93	166.46	--	--	--	480	76	0.9	3.1	7.1	--	150	--
03/17/93	166.46	155.79	10.67	--	--	--	--	--	--	--	--	--
06/18/93	166.46	154.63	11.83	--	240	37	3.4	2.9	18	--	51	--
09/28/93	166.46	154.90	11.56	--	150	11	1.2	1.3	4.3	--	120	--
12/30/93	166.46	154.81	11.65	--	680	77	5.1	5.5	13	--	290	--
04/07/94	166.46	155.34	11.12	--	190	24	2.9	1.9	8.0	--	<10	--
05/31/94	166.46	--	--	--	--	--	--	--	--	--	--	--
09/23/94	166.46	155.05	11.41	--	--	--	--	--	--	--	--	--
11/30/94	166.46	156.58	9.88	--	320	49	0.58	1.4	1.2	--	150*	--

NO LONGER MONITORED OR SAMPLED.

* Chromatogram pattern indicates a non-diesel mix.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
MW-7												
09/25/95	168.80	157.20	11.60	--	220	0.79	<0.5	0.67	<0.5	--	1400*	--
12/28/95	168.80	158.14	10.66	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	590*	--
03/05/96	168.80	159.74	9.06	--	1400	<10	<10	47	<10	5300	320*	--
06/27/96	168.80	157.27	11.53	--	<2500	<25	<25	<25	<25	14,000	630*	--
09/13/96	168.80	156.88	11.92	--	1100	26	<10	24	<10	20,000	1400	--
12/19/96	168.80	158.29	10.51	--	<5000	<50	<50	<50	<50	12,000	1100**	--
03/20/97	168.80	157.84	10.96	--	<1000	<10	<10	<10	<10	2100	1600**	--
03/20/97	168.80	157.84	10.96	Confirmation run	--	--	--	--	--	2000	--	--
06/27/97	168.80	157.02	11.78	--	2000	<20	<20	<20	<20	11,000	1600*	--
09/19/97	168.80	156.87	11.93	--	<1000	35	<10	<10	<10	13,000	1900*	--
12/05/97	168.80	158.40	10.40	--	2100	47	2.7	28	<2.5	15,000	1100*	--
03/31/98	168.80	158.89	9.91	--	410	4.0	0.61	2.2	<0.5	<2.5	780*	--
06/19/98	168.80	159.09	9.71	--	1100	16	<10	17	<10	12,000	480*	--
08/31/98	168.80	157.11	11.69	--	<500	350	22	<5.0	<5.0	47,000	580*	--
12/17/98	168.80	157.70	11.10	--	1800	<10	<10	24	<10	13,000	970	--
12/17/98	168.80	157.70	11.10	Confirmation run	--	--	--	--	--	14,000	--	--
03/19/99	168.80	158.51	10.29	--	1280	<5.0	5.0	16.3	<5.0	2240	615*	--
03/19/99	168.80	158.51	10.29	Confirmation run	--	--	--	--	--	2910	--	--
06/23/99	168.80	157.25	11.55	--	<5000	<50	<50	<50	<50	18,000	1240*	--
09/16/99	168.80	157.31	11.49	--	<5000	<50	<50	<50	<50	13,700	2230	--
12/16/99	168.80	158.27	10.53	--	1330	<1.0	6.44	14	5.17	10,800	973*	--
03/02/00	168.80	159.25	9.55	--	1980	7.22	<5.0	6.11	<5.0	4230	880*	--

* Chromatogram pattern indicates an unidentified hydrocarbon.

** Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
TRIP BLANK												
10/08/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/04/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/04/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
06/05/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/27/93	--	--	--	--	--	--	--	--	--	--	<50	--
03/05/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93	--	--	--	--	--	--	--	--	--	--	--	--
06/18/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
09/28/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/05/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/27/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/19/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/20/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/27/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
09/19/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/05/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

CONTINUED ON NEXT PAGE

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
TRIP BLANK (CONT'D)												
03/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/19/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--
09/16/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/16/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/20/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/02/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

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

ABBREVIATIONS

TPH = Total Petroleum Hydrocarbons
 MTBE = Methyl t-butyl Ether
 TOG = Total Oil and Grease

Analytical Appendix



January 10, 2000

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

RE: Chevron/M912694

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on December 17, 1999. 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 9-6991 (2920 Castro Valley Blvd.) Project Number: 991216-Y3 Project Manager: Scott Boor	Sampled: 12/16/99 Received: 12/17/99 Reported: 1/10/00
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ANALYTICAL REPORT FOR M912694

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-7	M912694-01	Water	12/16/99
TB	M912694-02	Water	12/16/99





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991216-Y3 Project Manager: Scott Boor	Sampled: 12/16/99 Received: 12/17/99 Reported: 1/10/00
---	--	--

**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*
MW-7				<u>M912694-01</u>			<u>Water</u>	
Purgeable Hydrocarbons	9120790	12/27/99	12/27/99		100	1330	ug/l	1,D
Benzene	"	"	"		1.00	ND	"	D
Toluene	"	"	"		1.00	6.44	"	D
Ethylbenzene	"	"	"		1.00	14.0	"	D
Xylenes (total)	"	"	"		1.00	5.17	"	D
Methyl tert-butyl ether	"	"	12/29/99		250	10800	"	2,D
Surrogate: a,a,a-Trifluorotoluene	"	"	12/27/99	70.0-130		310	%	3
TB				<u>M912694-02</u>			<u>Water</u>	
Purgeable Hydrocarbons	9120790	12/27/99	12/27/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70.0-130		89.9	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991216-Y3 Project Manager: Scott Boor	Sampled: 12/16/99 Received: 12/17/99 Reported: 1/10/00
---	--	--

**Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<u>MW-7</u>								
Diesel Range Hydrocarbons	9120843	12/29/99	1/6/00		0.0500	0.973	<u>Water</u> mg/l	4
Surrogate: <i>n</i> -Pentacosane	"	"	"	50.0-150		107	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991216-Y3 Project Manager: Scott Boor	Sampled: 12/16/99 Received: 12/17/99 Reported: 1/10/00
---	--	--

**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*
Batch: 9120790		Date Prepared: 12/27/99			Extraction Method: EPA 5030B [P/T]					
Blank										
9120790-BLK1										
Purgeable Hydrocarbons	12/27/99			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: <i>a,a,a</i> -Trifluorotoluene	"	10.0		9.87	"	70.0-130	98.7			
LCS										
9120790-BS1										
Purgeable Hydrocarbons	12/27/99	250		214	ug/l	70.0-130	85.6			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		11.5	"	70.0-130	115			
Matrix Spike										
9120790-MS1 M912683-06										
Purgeable Hydrocarbons	12/27/99	250	ND	242	ug/l	60.0-140	96.8			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		11.5	"	70.0-130	115			
Matrix Spike Dup										
9120790-MSD1 M912683-06										
Purgeable Hydrocarbons	12/27/99	250	ND	226	ug/l	60.0-140	90.4	25.0	6.84	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		11.5	"	70.0-130	115			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991216-Y3 Project Manager: Scott Boor	Sampled: 12/16/99 Received: 12/17/99 Reported: 1/10/00
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT/Quality-Control
Sequoia Analytical - Morgan Hill**

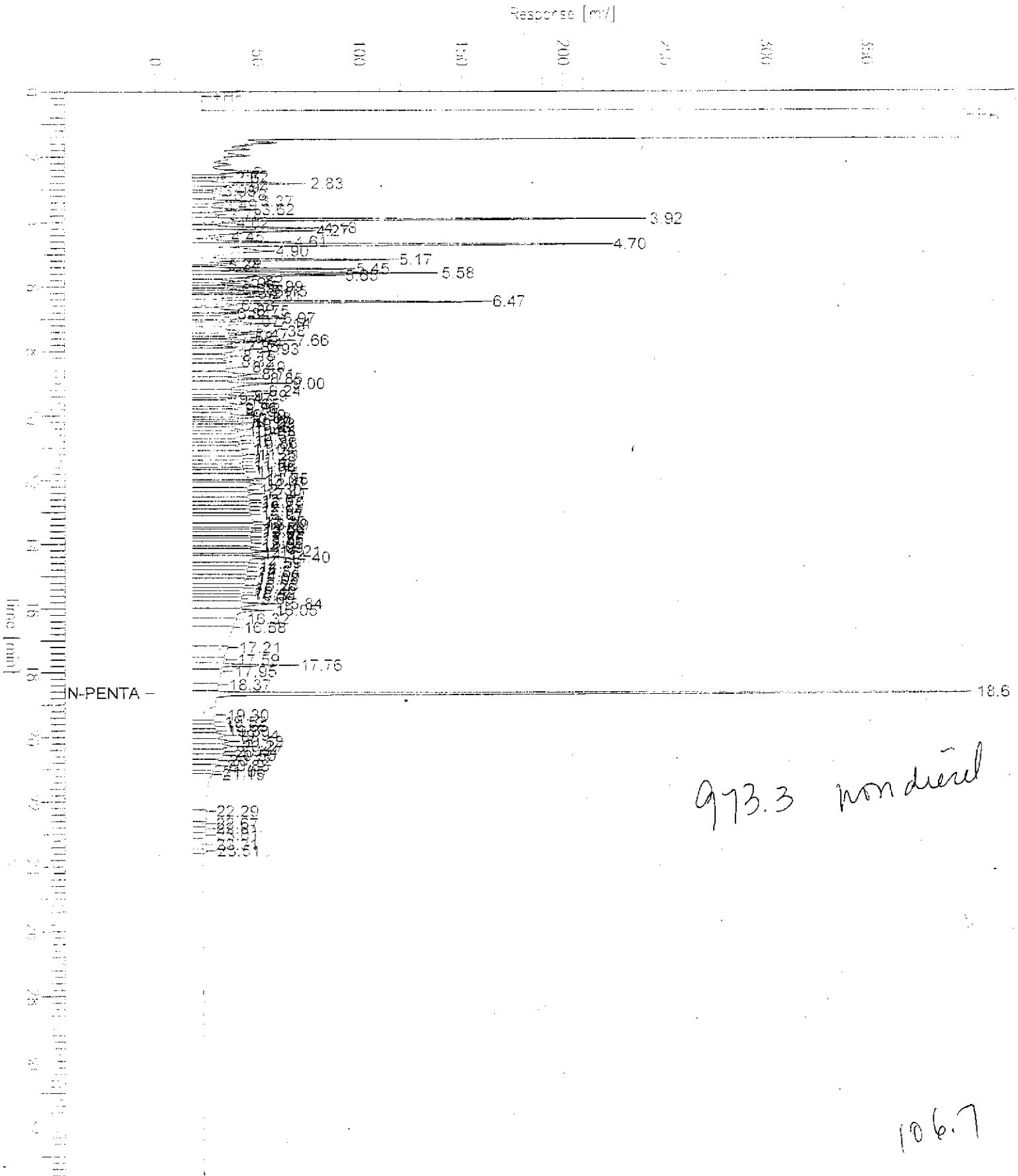
Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9120843			Date Prepared: 12/29/99			Extraction Method: EPA 3510B				
Blank			9120843-BLK1							
Diesel Range Hydrocarbons	1/5/00			ND	mg/l	0.0500				
Surrogate: n-Pentacosane	"	0.100		0.0870	"	50.0-150	87.0			
LCS			9120843-BS1							
Diesel Range Hydrocarbons	1/5/00	1.00		0.896	mg/l	60.0-140	89.6			
Surrogate: n-Pentacosane	"	0.100		0.109	"	50.0-150	109			
LCS Dup			9120843-BSD1							
Diesel Range Hydrocarbons	1/5/00	1.00		0.813	mg/l	60.0-140	81.3	50.0	9.71	
Surrogate: n-Pentacosane	"	0.100		0.108	"	50.0-150	108			



Chromatogram

Sample Name : M912694-01 (500:1)
File Name : C:\DATA\GEP_04\0109\105B024.raw
Method : TPH04A
Start Time : 0.00 min End Time : 33.65 min
Scale Factor : 0.0 Plot Offset : 0 mV

Sample #: MW-7 Page 1 of 1
Date : 1/6/00 09:48 AM
Time of Injection: 1/6/00 04:31 AM
Low Point : 0.00 mV High Point : 400.00 mV
Plot Scale: 400.0 mV





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991216-Y3 Project Manager: Scott Boor	Sampled: 12/16/99 Received: 12/17/99 Reported: 1/10/00
---	--	--

Notes and Definitions

#	Note
D	Data reported from a dilution.
1	Chromatogram Pattern: Gasoline C6-C12
2	Sample was analyzed at a second dilution per clients request.
3	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
4	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference



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

Chain-of-Custody-Record

Chevron Products Co. P.O. BOX 6004 San Ramon, CA 94583 FAX (925)842-8370	Chevron Facility Number <u>9-6991</u>	Chevron Contact Name) <u>Brett Hunter</u>
	Facility Address <u>2920 Castro Valley Blvd., Castro Valley</u>	(Phone) <u>(925) 842-8695</u>
	Consultant Project Number <u>991216-13</u>	Laboratory Name <u>Sequoia</u>
	Consultant Name <u>Blaine Tech Services, Inc.</u>	Laboratory Service Order <u>9144488</u>
	Address <u>1680 Rogers Ave., San Jose</u>	Laboratory Service Code <u>ZZ02790</u>
	Project Contact (Name) <u>Scott Boor</u>	Samples collected by (Name) <u>LEON G</u>
	(Phone) <u>408-573-0555</u> (Fax) <u>408-573-7771</u>	Signature <u>[Signature]</u>

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air 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 (8270)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCID	TPH - D Extended	Lab Sample No.	
MW-3	5	W		12/16/99	X	X													
MW-7	5	W		12/16/99 1548	X	X													61 17 ± 59
TB	2	W			X														02

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>12/17/99</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>Sequoia</u>	Date/Time <u>12/17/99</u>	Iced Y/N	Turn Around Time (Circle One) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>12/17/99</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>Sequoia</u>	Date/Time <u>12/17/99</u>	Iced Y/N	
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>12/17/99</u>	Received For Laboratory By (Signature) <u>[Signature]</u>	Organization <u>Sequoia</u>	Date/Time <u>12/17/99</u>	Iced Y/N	

COC-3.DWS/07-98H/CH



January 10, 2000

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

RE: Chevron 9-6991/M912752

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on December 21, 1999. 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 9-6991 (2920 Castro Valley Blvd.) Project Number: 991220-K1 Project Manager: Scott Boor	Sampled: 12/20/99 Received: 12/21/99 Reported: 1/10/00
---	--	--

ANALYTICAL REPORT FOR M912752

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-3	M912752-01	Water	12/20/99
TB	M912752-02	Water	12/20/99





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991220-K1 Project Manager: Scott Boor	Sampled: 12/20/99 Received: 12/21/99 Reported: 1/10/00
---	--	--

**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*
MW-3				M912752-01			Water	
Purgeable Hydrocarbons	9120829	12/28/99	12/28/99		50.0	65.2	ug/l	i
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	1/1/99		125	1790	"	2,D
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	12/28/99	70.0-130		111	%	
TB				M912752-02			Water	
Purgeable Hydrocarbons	9120829	12/28/99	12/28/99		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	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		98.3	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991220-K1 Project Manager: Scott Boor	Sampled: 12/20/99 Received: 12/21/99 Reported: 1/10/00
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<u>MW-3</u>								
Diesel Range Hydrocarbons	9120915	12/29/99	1/5/00	<u>M912752-01</u>	0.0500	0.0968	<u>Water</u> mg/l	3
<i>Surrogate: n-Pentacosane</i>	"	"	"	50.0-150		118	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991220-K1 Project Manager: Scott Boor	Sampled: 12/20/99 Received: 12/21/99 Reported: 1/10/00
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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*
Batch: 9120829		Date Prepared: 12/28/99			Extraction Method: EPA 5030B [P/T]					
Blank		9120829-BLK1								
Purgeable Hydrocarbons	12/28/99			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		10.7	"	70.0-130	107			
LCS		9120829-BS1								
Purgeable Hydrocarbons	12/28/99	250		234	ug/l	70.0-130	93.6			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.39	"	70.0-130	83.9			
Matrix Spike		9120829-MS1		M912752-01						
Purgeable Hydrocarbons	12/28/99	250	65.2	318	ug/l	60.0-140	101			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.9	"	70.0-130	119			
Matrix Spike Dup		9120829-MSD1		M912752-01						
Purgeable Hydrocarbons	12/28/99	250	65.2	291	ug/l	60.0-140	90.3	25.0	11.2	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.7	"	70.0-130	107			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991220-K1 Project Manager: Scott Boor	Sampled: 12/20/99 Received: 12/21/99 Reported: 1/10/00
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**Diesel Hydrocarbons (C9-C24) 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*
Batch: 9120915			Date Prepared: 12/29/99			Extraction Method: EPA 3510B				
Blank			9120915-BLK1							
Diesel Range Hydrocarbons	1/5/00			ND	mg/l	0.0500				
Surrogate: <i>n</i> -Pentacosane	"	0.100		0.0610	"	50.0-150	61.0			
LCS			9120915-BS1							
Diesel Range Hydrocarbons	1/5/00	1.00		0.900	mg/l	60.0-140	90.0			
Surrogate: <i>n</i> -Pentacosane	"	0.100		0.109	"	50.0-150	109			
LCS Dup			9120915-BSD1							
Diesel Range Hydrocarbons	1/5/00	1.00		0.813	mg/l	60.0-140	81.3	50.0	10.2	
Surrogate: <i>n</i> -Pentacosane	"	0.100		0.108	"	50.0-150	108			

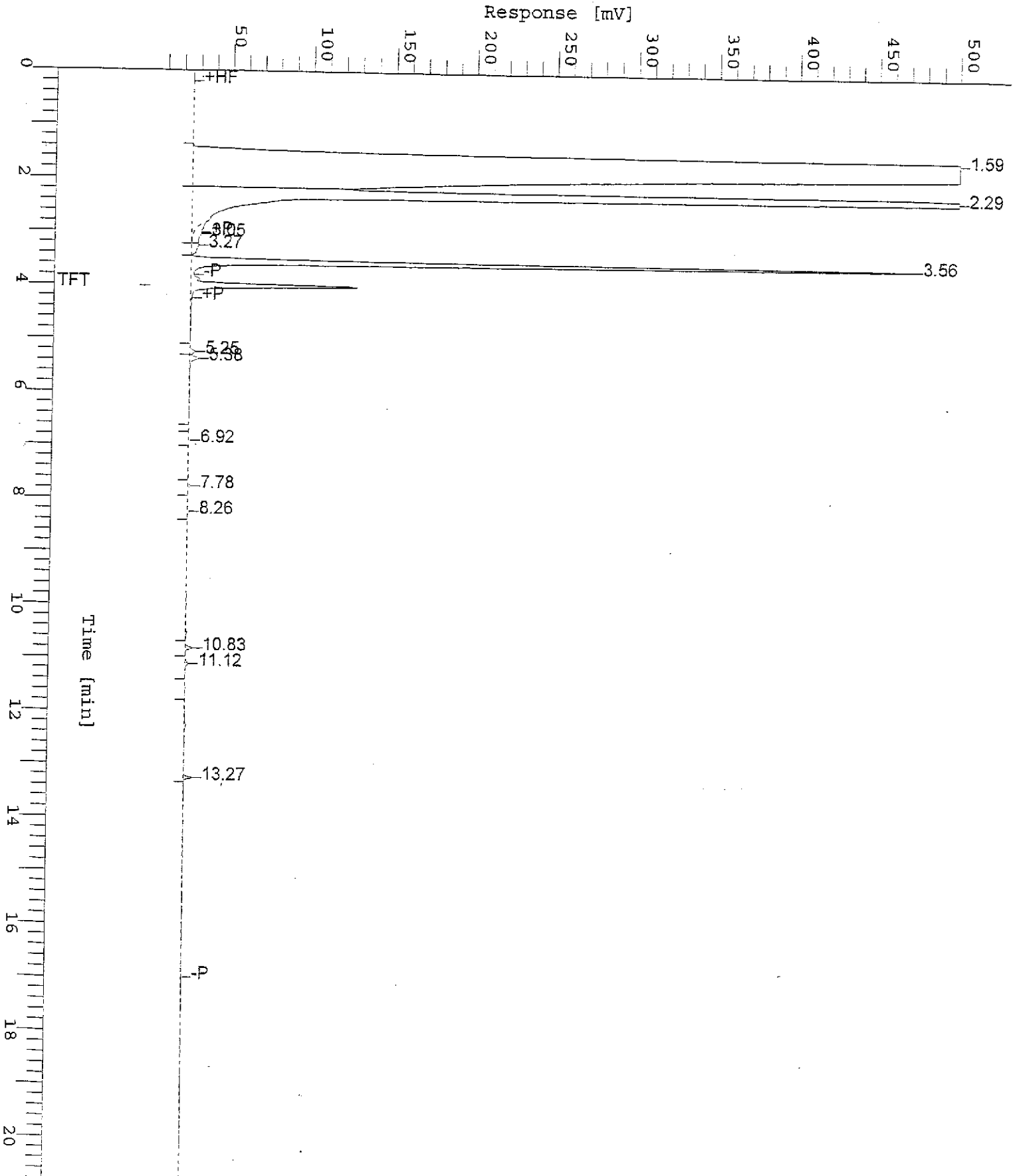


Chromatogram

Sample Name : M912752-01
FileName : S:\GHP_30\0102\028A005.raw
Method : TPH
Start Time : 0.00 min
Scale Factor: -1.0

End Time : 20.82 min
Plot Offset: 0 mV

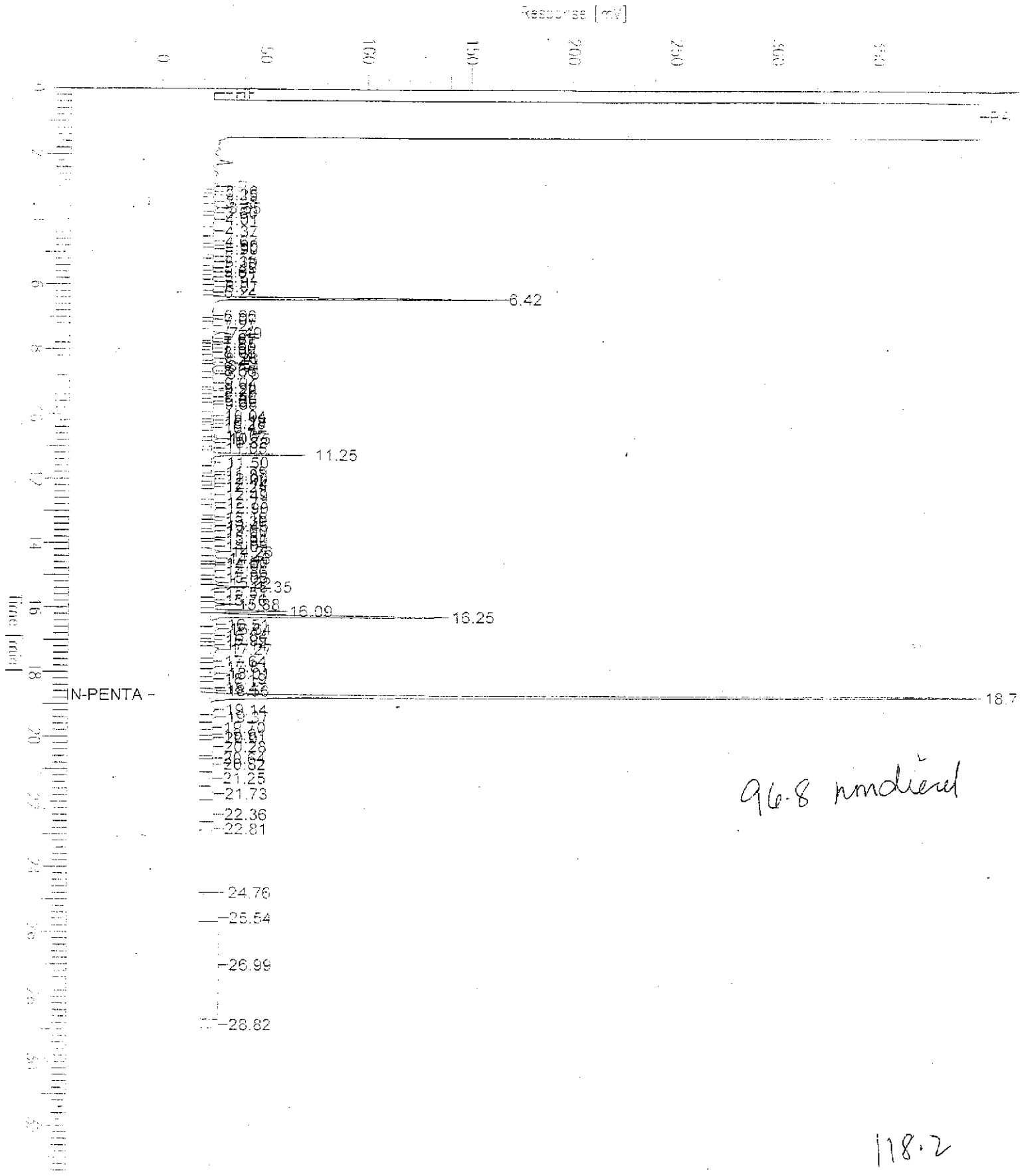
Sample #: MW-3
Date : 12/28/99 11:58
Time of Injection: 12/28/99 11:37
Low Point : 0.06 mV
Plot Scale: 500.0 mV
Page 1 of 1
High Point : 500.06 mV



Chromatogram

Sample Name : M912752-01 (500:1)
FileName : C:\DATA\GHP_04\0109\105A017.raw
Method : TPH04A
Start Time : 0.00 min
Scale Factor: 0.0

Sample #: MW-3
Date : 1/6/00 12:18 AM
Time of Injection: 1/5/00 11:44 PM
End Time : 33.65 min
Plot Offset: 0 mV
Low Point : 0.00 mV
High Point : 400.00 mV
Plot Scale: 400.0 mV



118.2



Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 (2920 Castro Valley Blvd.) Project Number: 991220-K1 Project Manager: Scott Boor	Sampled: 12/20/99 Received: 12/21/99 Reported: 1/10/00
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Notes and Definitions

#	Note
D	Data reported from a dilution.
1	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
2	Sample was analyzed at a second dilution per clients request.
3	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
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





March 29, 2000

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

RE: Chevron 9-6991

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on March 3, 2000. If you have any questions concerning this report, please feel free to contact me. Chromatograms for unidentified hydrocarbons are included within this report.

Sincerely,

Wendy Bonnes
Project Manager

CA ELAP Certificate Number 1210





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 Project Number: 000302-C1 (2920 Castro Valley Rd.) Project Manager: Scott Boor	Sampled: 3/2/00 Received: 3/3/00 Reported: 3/29/00 12:36
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ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	MJC0137-01	Water	3/2/00
MW-2	MJC0137-02	Water	3/2/00
MW-3	MJC0137-03	Water	3/2/00
MW-7	MJC0137-04	Water	3/2/00
TB	MJC0137-05	Water	3/2/00





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 Project Number: 000302-CI (2920 Castro Valley Rd.) Project Manager: Scott Boor	Sampled: 3/2/00 Received: 3/3/00 Reported: 3/29/00 12:36
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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	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1		MJC0137-01				Water		
Purgeable Hydrocarbons	0C16003	3/16/00	3/16/00	DHS LUFT	50.0	155	ug/l	P-04
Benzene	"	"	"	DHS LUFT	0.500	10.4	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	10.3	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	70-130		78.3	%	
MW-2		MJC0137-02				Water		
Purgeable Hydrocarbons	0C16003	3/16/00	3/16/00	DHS LUFT	50.0	84.8	ug/l	P-04
Benzene	"	"	"	DHS LUFT	0.500	21.5	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	0.636	"	
Methyl tert-butyl ether	"	"	3/17/00	DHS LUFT	12.5	413	"	H-04,M-03
Surrogate: a,a,a-Trifluorotoluene	"	"	3/16/00	70-130		84.6	%	
MW-3		MJC0137-03				Water		
Purgeable Hydrocarbons	0C16003	3/16/00	3/16/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	
Toluene	"	"	"	DHS LUFT	0.500	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	3/17/00	DHS LUFT	62.5	5600	"	H-04,M-03
Surrogate: a,a,a-Trifluorotoluene	"	"	3/16/00	70-130		89.5	%	
MW-7		MJC0137-04				Water		H-02
Purgeable Hydrocarbons	0C17003	3/17/00	3/17/00	DHS LUFT	500	1980	ug/l	P-01
Benzene	"	"	"	DHS LUFT	5.00	7.22	"	
Toluene	"	"	"	DHS LUFT	5.00	ND	"	
Ethylbenzene	"	"	"	DHS LUFT	5.00	6.11	"	
Xylenes (total)	"	"	"	DHS LUFT	5.00	ND	"	
Methyl tert-butyl ether	"	"	3/20/00	DHS LUFT	125	4230	"	M-03
Surrogate: a,a,a-Trifluorotoluene	"	"	3/17/00	70-130		100	%	
TB		MJC0137-05				Water		
Purgeable Hydrocarbons	0C16002	3/16/00	3/16/00	DHS LUFT	50.0	ND	ug/l	
Benzene	"	"	"	DHS LUFT	0.500	ND	"	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 Project Number: 000302-C1 (2920 Castro Valley Rd.) Project Manager: Scott Boor	Sampled: 3/2/00 Received: 3/3/00 Reported: 3/29/00 12:36
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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	Specific Method	Reporting Limit	Result	Units	Notes*
<u>TB (continued)</u>				<u>MJC0137-05</u>			<u>Water</u>	
Toluene	0C16002	3/16/00	3/16/00	DHS LUFT	0.500	ND	ug/l	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		101	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 Project Number: 000302-C1 (2920 Castro Valley Rd.) Project Manager: Scott Boor	Sampled: 3/2/00 Received: 3/3/00 Reported: 3/29/00 12:36
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Walnut Creek**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1				MJC0137-01			Water	
Diesel Range Hydrocarbons	0C16013	3/16/00	3/18/00	EPA 8015M	50	2300	ug/l	D-12
<i>Surrogate: n-Pentacosane</i>	"	"	"	50-150		NR	%	D-07
MW-2				MJC0137-02			Water	
Diesel Range Hydrocarbons	0C15024	3/15/00	3/17/00	EPA 8015M	50	ND	ug/l	
<i>Surrogate: n-Pentacosane</i>	"	"	"	50-150		84.1	%	
MW-3				MJC0137-03			Water	
Diesel Range Hydrocarbons	0C15024	3/15/00	3/17/00	EPA 8015M	50	ND	ug/l	
<i>Surrogate: n-Pentacosane</i>	"	"	"	50-150		89.2	%	
MW-7				MJC0137-04			Water	
Diesel Range Hydrocarbons	0C15024	3/15/00	3/17/00	EPA 8015M	50	880	ug/l	D-14
<i>Surrogate: n-Pentacosane</i>	"	"	"	50-150		86.2	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 Project Number: 000302-C1 (2920 Castro Valley Rd.) Project Manager: Scott Boor	Sampled: 3/2/00 Received: 3/3/00 Reported: 3/29/00 12:36
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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. %	RPD Limit	RPD %	Notes*
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Batch: 0C16002	Date Prepared: 3/16/00	Extraction Method: EPA 5030B [P/T]							
Blank	0C16002-BLK1								
Purgeable Hydrocarbons	3/16/00			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		9.52	"	70-130	95.2		

LCS	0C16002-BS1								
Benzene	3/16/00	10.0		10.3	ug/l	70-130	103		
Toluene	"	10.0		9.25	"	70-130	92.5		
Ethylbenzene	"	10.0		8.72	"	70-130	87.2		
Xylenes (total)	"	30.0		26.2	"	70-130	87.3		
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.1	"	70-130	101		

LCS Dup	0C16002-BSD1								
Benzene	3/16/00	10.0		10.5	ug/l	70-130	105	25	1.92
Toluene	"	10.0		9.31	"	70-130	93.1	25	0.647
Ethylbenzene	"	10.0		8.67	"	70-130	86.7	25	0.575
Xylenes (total)	"	30.0		26.9	"	70-130	89.7	25	2.64
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.6	"	70-130	106		

Batch: 0C16003	Date Prepared: 3/16/00	Extraction Method: EPA 5030B [P/T]							
Blank	0C16003-BLK1								
Purgeable Hydrocarbons	3/16/00			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		8.99	"	70-130	89.9		

LCS	0C16003-BS1								
Purgeable Hydrocarbons	3/16/00	250		249	ug/l	70-130	99.6		
Surrogate: a,a,a-Trifluorotoluene	"	10.0		7.41	"	70-130	74.1		





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 Project Number: 000302-C1 (2920 Castro Valley Rd.) Project Manager: Scott Boor	Sampled: 3/2/00 Received: 3/3/00 Reported: 3/29/00 12:36
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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*
Batch: 0C17003			Date Prepared: 3/17/00			Extraction Method: EPA 5030B [P/T]				
Blank			0C17003-BLK1							
Purgeable Hydrocarbons	3/17/00			ND	ug/l	70-130				
Benzene	"			ND	"	70-130				
Toluene	"			ND	"	70-130				
Ethylbenzene	"			ND	"	70-130				
Xylenes (total)	"			ND	"	70-130				
Methyl tert-butyl ether	"			ND	"	70-130				
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		10.1	"	70-130	101			
LCS			0C17003-BS1							
Purgeable Hydrocarbons	3/17/00	250		290	ug/l	70-130	116			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		12.0	"	70-130	120			
LCS Dup			0C17003-BSD1							
Purgeable Hydrocarbons	3/17/00	250		242	ug/l	70-130	96.8	25	18.0	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	10.0		11.9	"	70-130	119			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 Project Number: 000302-C1 (2920 Castro Valley Rd.) Project Manager: Scott Boor	Sampled: 3/2/00 Received: 3/3/00 Reported: 3/29/00 12:36
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT/Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Reporting Limit Units	Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0C15024			Date Prepared: 3/15/00			Extraction Method: EPA 3510B				
Blank										
0C15024-BLK1										
Diesel Range Hydrocarbons	3/16/00			ND	ug/l	50				
Surrogate: n-Pentacosane	"	33.3		36.3	"	50-150	109			
LCS										
0C15024-BS1										
Diesel Range Hydrocarbons	3/16/00	500		350	ug/l	60-140	70.0			
Surrogate: n-Pentacosane	"	33.3		43.0	"	50-150	129			
LCS Dup										
0C15024-BSD1										
Diesel Range Hydrocarbons	3/16/00	500		345	ug/l	60-140	69.0	50	1.44	
Surrogate: n-Pentacosane	"	33.3		39.7	"	50-150	119			
Batch: 0C16013			Date Prepared: 3/16/00			Extraction Method: EPA 3510B				
Blank										
0C16013-BLK1										
Diesel Range Hydrocarbons	3/17/00			ND	ug/l	50				
Surrogate: n-Pentacosane	"	33.3		33.0	"	50-150	99.1			
LCS										
0C16013-BS1										
Diesel Range Hydrocarbons	3/17/00	500		339	ug/l	60-140	67.8			
Surrogate: n-Pentacosane	"	33.3		36.3	"	50-150	109			
LCS Dup										
0C16013-BSD1										
Diesel Range Hydrocarbons	3/17/00	500		367	ug/l	60-140	73.4	50	7.93	
Surrogate: n-Pentacosane	"	33.3		35.3	"	50-150	106			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-6991 Project Number: 000302-C1 (2920 Castro Valley Rd.) Project Manager: Scott Boor	Sampled: 3/2/00 Received: 3/3/00 Reported: 3/29/00 12:36
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Notes and Definitions

#	Note
D-07	Surrogate out of control limits because of peak coelution with the sample.
D-12	Chromatogram Pattern: Unidentified Hydrocarbons > C16
D-14	Chromatogram Pattern: Unidentified Hydrocarbons C9-C24
H-02	This sample was analyzed outside of EPA recommended hold time.
H-04	The result reported for this analyte was generated out of hold time. It was originally run within hold time, but exceeded the linear range of the analysis.
M-03	Sample was analyzed at a second dilution per clients request.
P-01	Chromatogram Pattern: Gasoline C6-C12
P-04	Chromatogram Pattern: Weathered Gasoline C6-C12 + Unidentified Hydrocarbons C6-C12
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



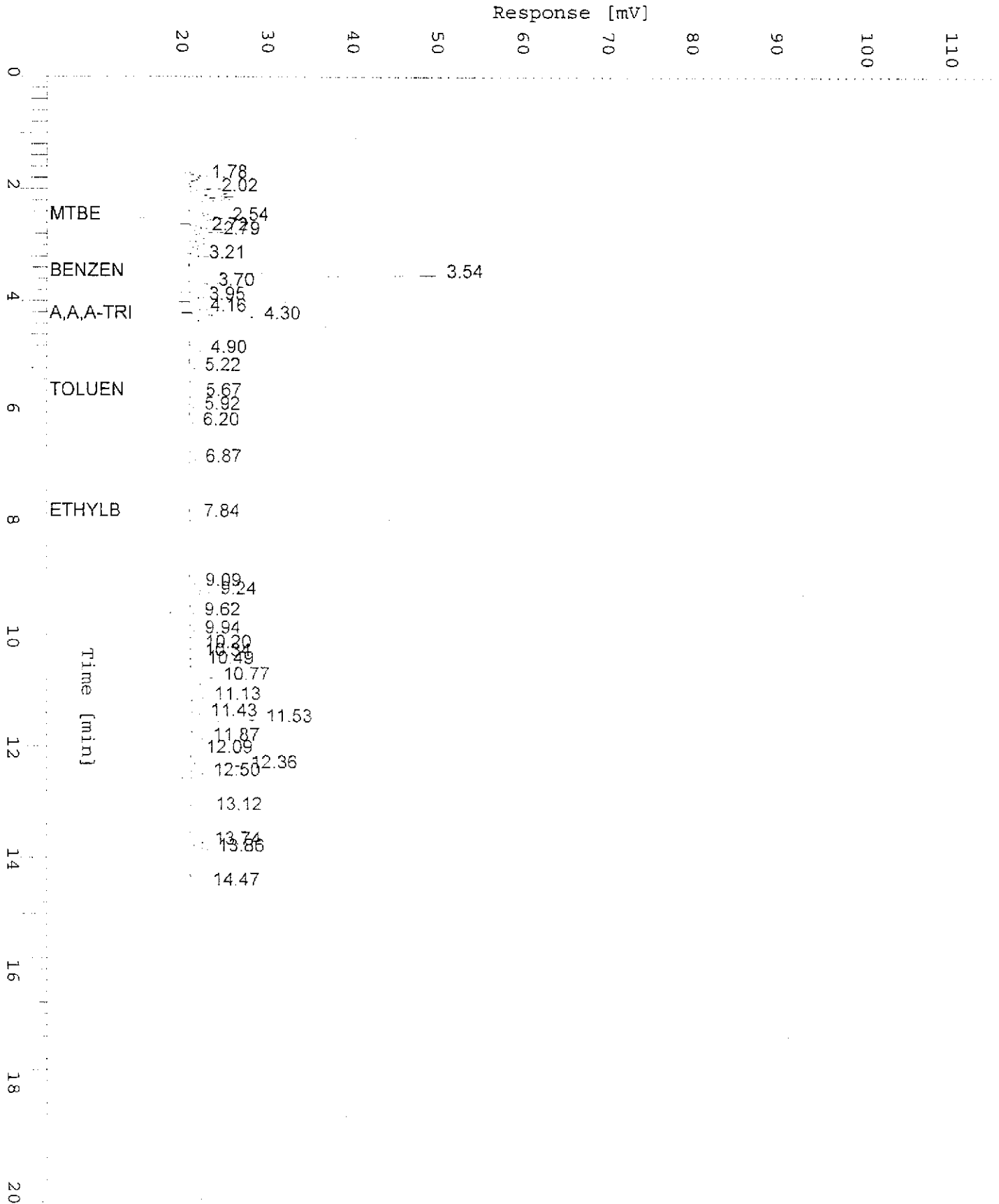
Chromatogram

Sample Name : MJC0137-01
 FileName : S:\GHP_30\0319\316B015.raw
 Method : TPH
 Start Time : 0.00 min
 Scale Factor: -1.0

End Time : 20.62 min
 Plot Offset: 17 mV

Sample #: MW1
 Date : 3/17/00 07:35
 Time of Injection: 3/16/00 16:41
 Low Point : 16.53 mV
 Plot Scale: 100.0 mV
 High Point : 116.53 mV

Page 1 of 1



Chromatogram

Sample Name : MJC0137-02

Sample #: MW2

Page 1 of 1

FileName : S:\GHP_30\0319\316A016.raw

Date : 3/17/00 07:35

Method : TPH

Time of Injection: 3/16/00 17:07

Start Time : 0.00 min

End Time : 20.82 min

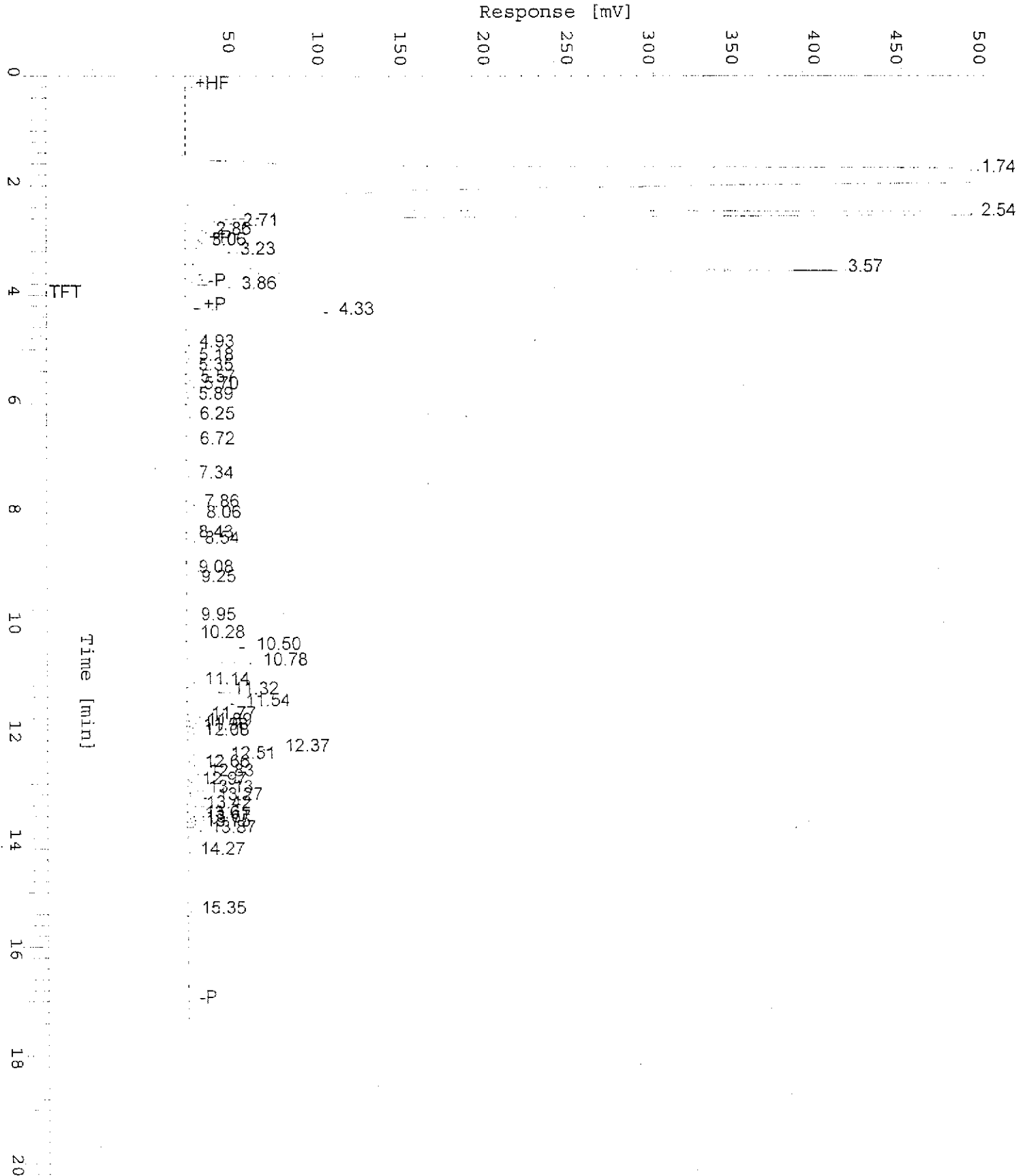
Low Point : 1.96 mV

High Point : 501.96 mV

Scale Factor: -1.0

Plot Offset: 2 mV

Plot Scale: 500.0 mV



Chromatogram

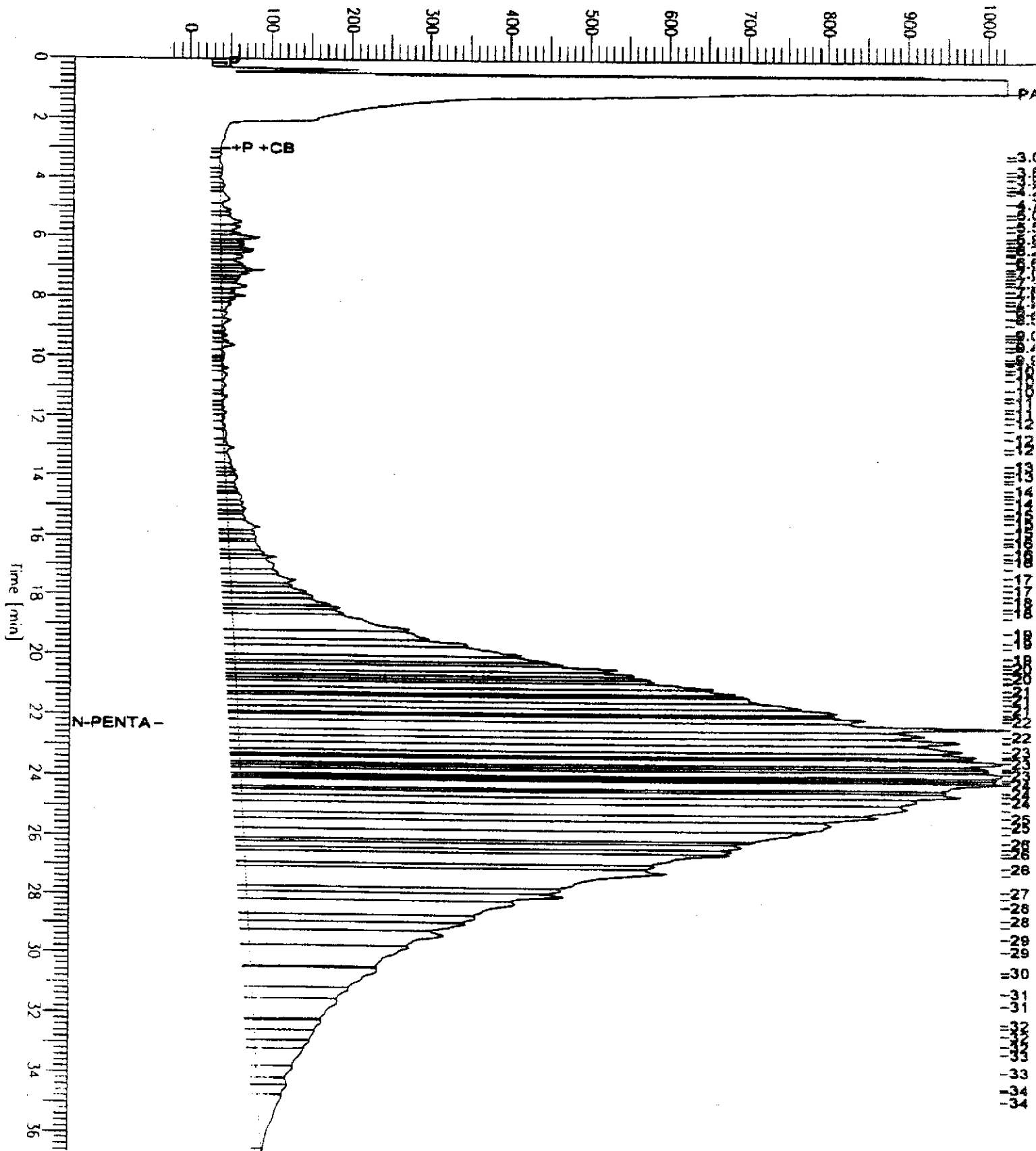
Sample Name : W003159-01
FileName : C:\NPD\DATA\3AMM415.RAW
Method :
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 36.65 min
Plot Offset: -26 mV

Sample #: Sample
Date : 3/20/00 09:36 AM
Time of Injection: 3/18/00 11:50 AM
Low Point : -26.37 mV
Plot Scale: 1050.4 mV
High Point : 1024.00 mV

Page 1 of 1

Response [mV]



Chromatogram

Sample Name : W003159-02

FileName : C:\HP3DATA\JRMMA396.raw

Method : TPH03A

Start Time : 0.00 min

Scale Factor: 0.0

End Time : 33.65 min

Plot Offset: 0 mV

Sample #: Sample

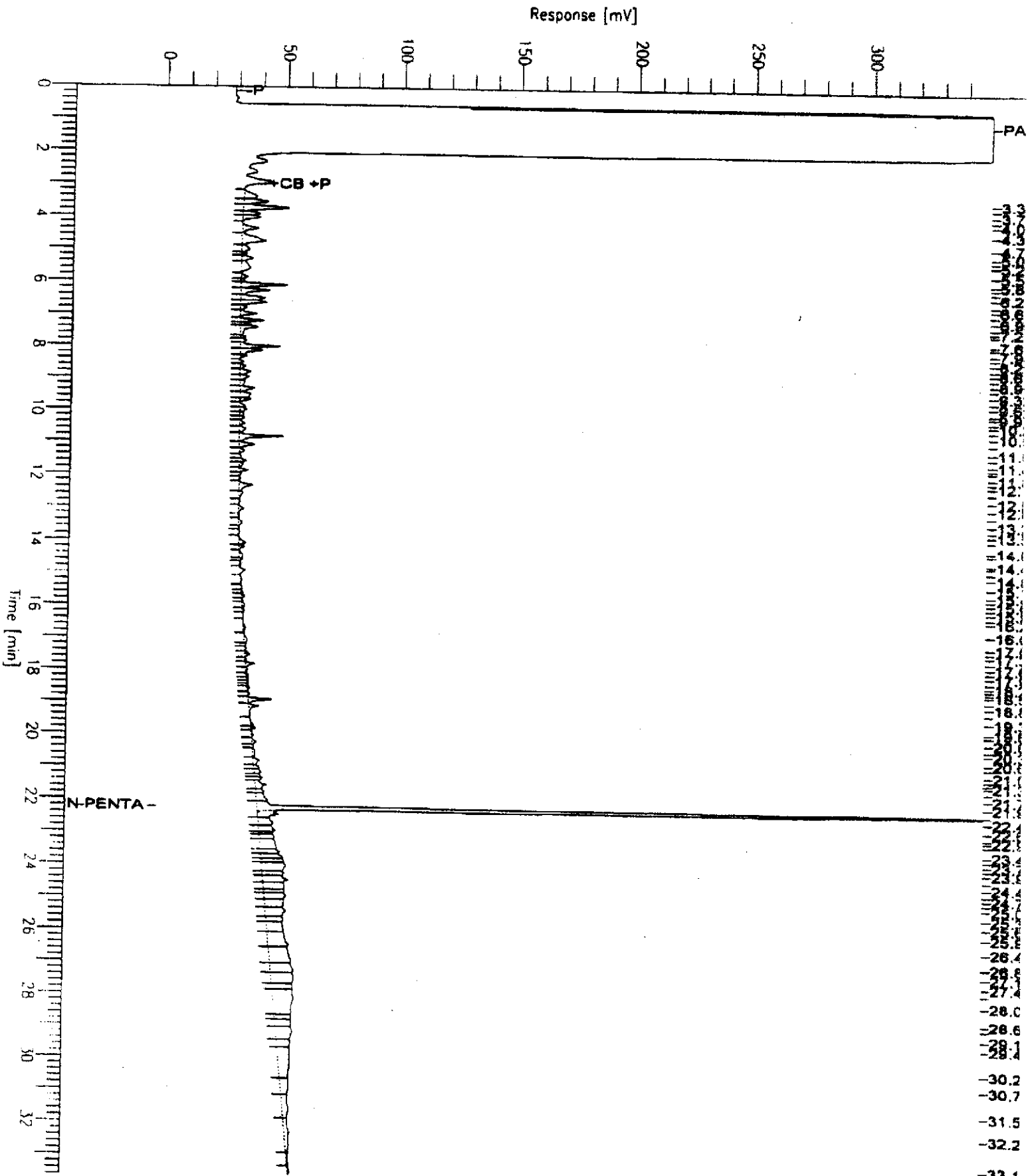
Date : 3/17/00 10:27 PM

Time of Injection: 3/17/00 09:50 PM

Low Point : 0.00 mV

Plot Scale: 350.0 mV

Page 1 of 1



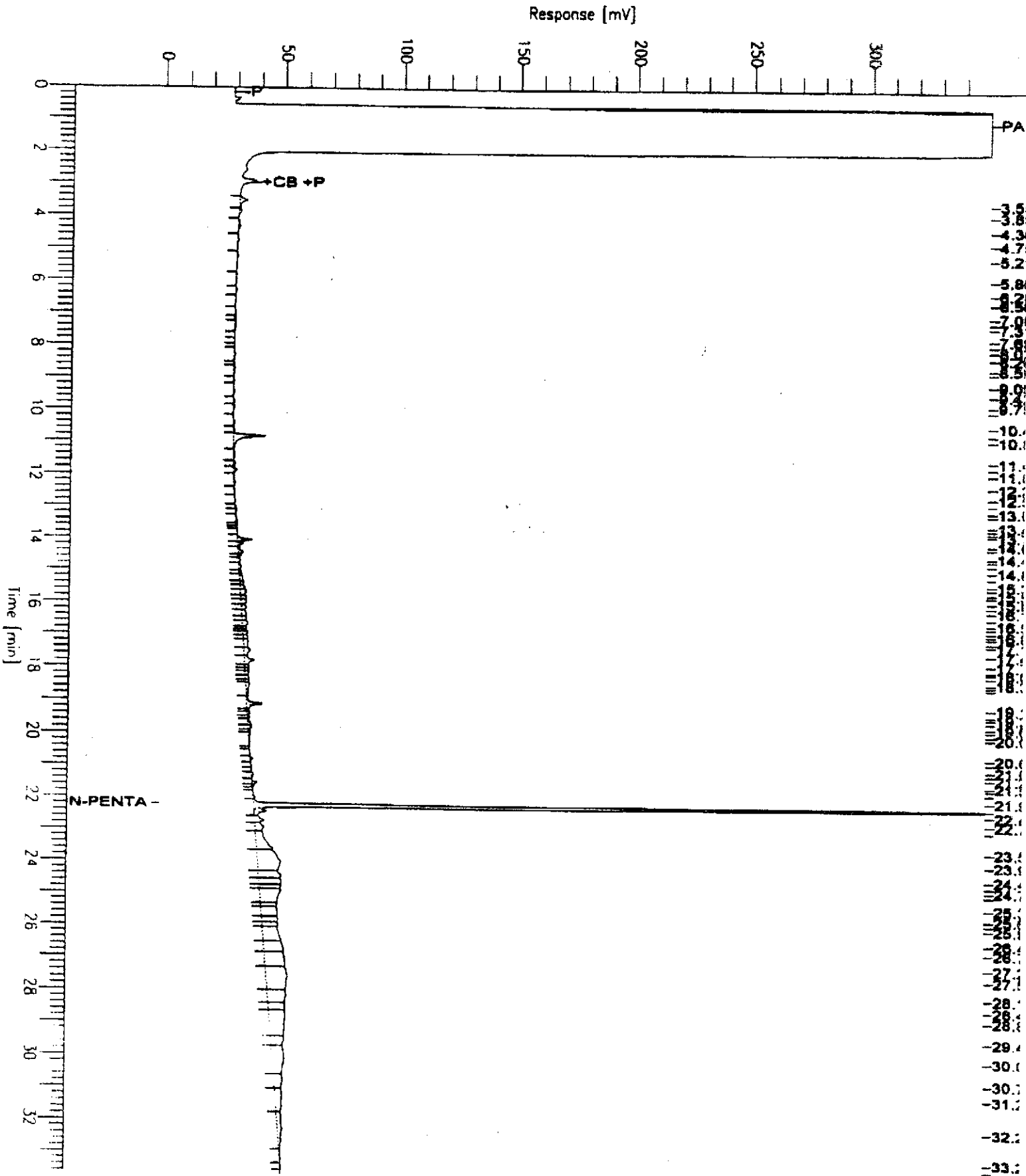
03/17/00 10:27 PM
 C:\HP3DATA\JRMMA396.raw
 TPH03A
 0.00 min
 33.65 min
 0 mV
 350.0 mV
 0.0
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21
 22
 23
 24
 25
 26
 27
 28
 29
 30
 31
 32

Chromatogram

Sample Name : W003159-03
 FileName : C:\HP1DATA\3BMA397.raw
 Method : TPH03A
 Start Time : 0.00 min
 Scale Factor: 0.0

End Time : 33.65 min
 Plot Offset: 0 mV

Sample #: Sample
 Date : 3/17/00 11:12 PM
 Time of Injection: 3/17/00 10:35 PM
 Low Point : 0.00 mV
 Plot Scale: 350.0 mV
 High Point : 350.00 mV

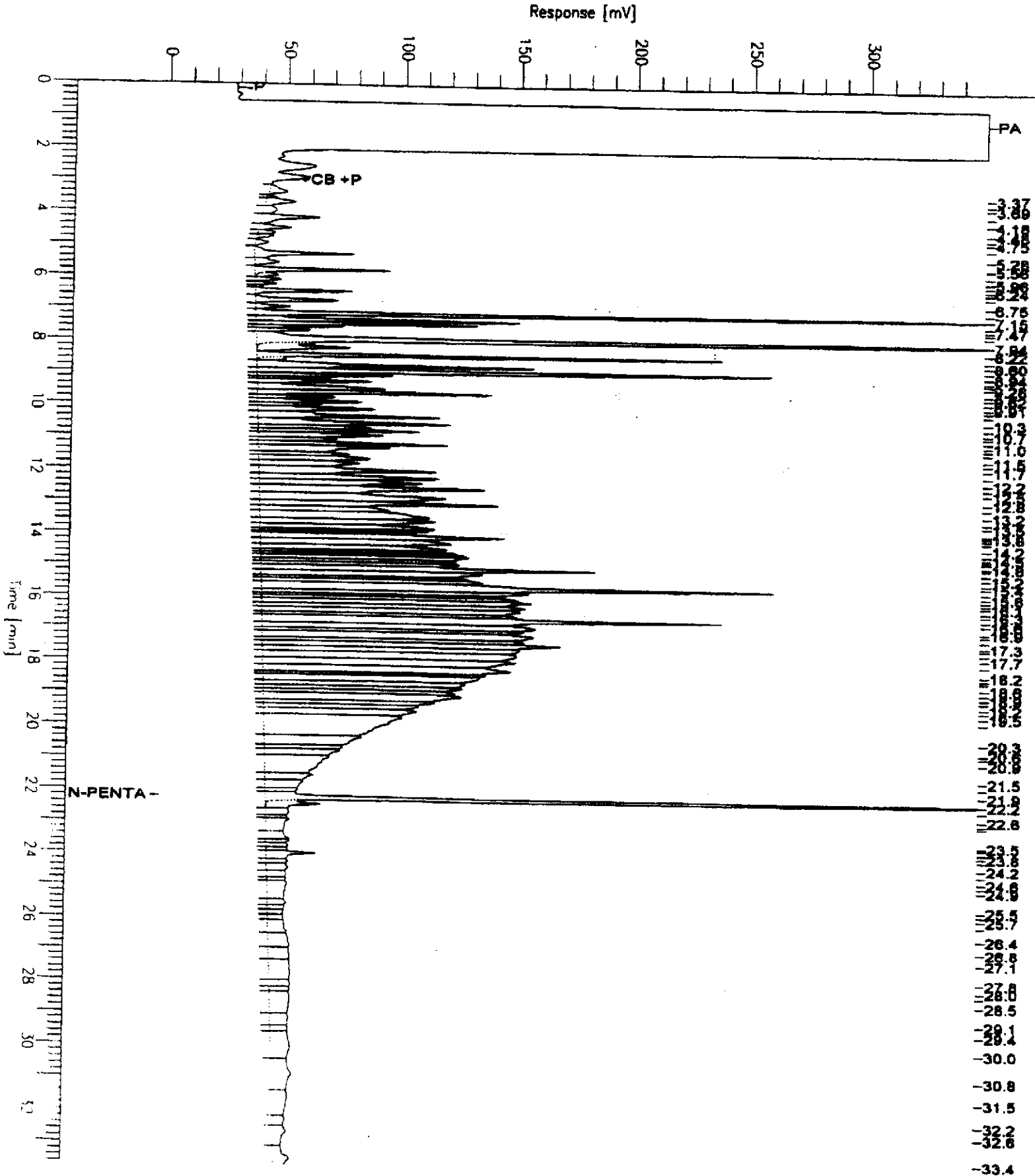


Chromatogram

Sample Name : W003159-04
 FileName : C:\HP3DATA\JBMA398.raw
 Method : TPH03A
 Start Time : 0.00 min
 Scale Factor: 0.0

End Time : 33.65 min
 Plot Offset: 0 mV

Sample #: Sample
 Date : 3/17/00 11:56 PM
 Time of Injection: 3/17/00 11:19 PM
 Low Point : 0.00 mV
 Plot Scale: 350.0 mV
 Page 1 of 1
 High Point : 350.00 mV



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 9-6991
Facility Address 2920 Castro Valley Blvd., Castro Valley
Consultant Project Number 000302C1
Consultant Name Blaine Tech Services, Inc.
Address 1680 Rogers Ave., San Jose
Project Contact (Name) Scott Boor
(Phone) 408-573-0555 (Fax) 408-573-7771

Chevron Contact Name) Brett Hunter
(Phone) (925) 842-8695
Laboratory Name Sequoia
Laboratory Service Order 9144488
Laboratory Service Code ZZ02790
Samples collected by (Name) Jeff Smyly
Signature [Signature]

State Method: CA OR WA NW Series CO UT

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Sample Preservation	Date/Time	BTEX/MTBE + TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8270)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCID	TPH - D Extended						Remarks Lab Sample No.
X MW1	5	W	HCl	3/2/00 1100	X	X																	b1
X MW2	5			940	X	X																	b2
X MW3	5			1020	X	X																	b3
X MW7	5			1135	X	X																	b4
/ TB	2	W		3/2/00	X																		b5

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>3-3-00 9:30</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>9/3/00</u>	Iced Y/N	Turn Around Time (Circle One) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature) <u>[Signature]</u>	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N	
Relinquished By (Signature) <u>[Signature]</u>	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N	

COC-3-DWG/07-98/HIC/

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>991216-43</u>	Station #: <u>9-6992</u>
Sampler: <u>Leon G.</u>	Date: <u>12-16-99</u>
Well I.D.: <u>mw-7</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>19.73</u>	Depth to Water: <u>10.53</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
- Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

- Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

<u>1.4</u>	(Gals.) X	<u>3</u>	=	<u>4.2</u>	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1542	69.0	6.8	1120	2	
1544	69.4	6.9	1087	3	
1546	67.7	6.9	1076	4	

Did well dewater? Yes No Gallons actually evacuated: 4

Sampling Time: 1546 Sampling Date: 12-16-99

Sample I.D.: mw-7 Laboratory: STL Sequoia Other

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

EB I.D. (if applicable): _____ @ _____ Time Duplicate I.D. (if applicable): _____

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

WELL GAUGING DATA

Project # 99 1220-41 Date 12/20/99 Client Chevron

Site 2920 Castro Valley Rd, Castro Valley, CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-3	3/4"					10.20	19.08	TOC	

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>991220-K1</u>	Station #: <u>9-6991</u>
Sampler: <u>MATT</u>	Date: <u>12/20/99</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 4 6 8 <u>3/4"</u>
Total Well Depth: <u>see 19.08</u>	Depth to Water: <u>10.20</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible

- Waterra
- Peristaltic
- Extraction Pump

Other: Pin Bailer

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing

Other: Pin Bailer

<u>0.02</u> (Gals.) X	<u>3</u>	<u>=</u>	<u>0.06</u> Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>839</u>	<u>64.2</u>	<u>7.01</u>	<u>1323</u>	<u>0.05</u>	
<u>853</u>	<u>64.7</u>	<u>7.10</u>	<u>1309</u>	<u>0.1</u>	
<u>857</u>	<u>65.5</u>	<u>7.07</u>	<u>1307</u>	<u>0.2</u>	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: 858 Sampling Date: 12/20/99

Sample I.D.: MW-3 Laboratory: STL Sequoia Other

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

WELL GAUGING DATA

Project # 000302C1 Date 3/2/00 Client Chevron

Site 2920 CASTRO Valley CASTRO Valley

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW1	3/4"	sheen				10.47	16.90	TBC	3
MW2	3/4"					10.45	18.54		1
MW3	3/4"					8.85	19.01		2
MW7	2	sheen & odor				9.55	19.77		4

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>000302C/</u>	Station #: <u>9-6991</u>
Sampler: <u>Jeff</u>	Date: <u>3/2/00</u>
Well I.D.: <u>mw/</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth: <u>16.90</u>	Depth to Water: <u>10.47</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer
Disposable Bailer
Middleburg
Electric Submersible

Waterra
Peristaltic
Extraction Pump
Other: TEFLON TUBE

Sampling Method:

Bailer
Disposable Bailer
Extraction Port
Dedicated Tubing
Other: TEFLON TUBE

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

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1045</u>	<u>60.7</u>	<u>6.5</u>	<u>1914</u>	<u>0.1</u>	
<u>1050</u>	<u>61.7</u>	<u>6.7</u>	<u>1833</u>	<u>0.2</u>	
<u>1055</u>	<u>60.4</u>	<u>6.8</u>	<u>1773</u>	<u>0.3</u>	

Did well dewater? Yes No Gallons actually evacuated: .5

Sampling Time: 1100 Sampling Date: 3/2/00

Sample I.D.: mw/ Laboratory: STL Sequoia Other

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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>00030201</u>	Station #: <u>9-6991</u>
Sampler: <u>Jeff</u>	Date: <u>3/2/00</u>
Well I.D.: <u>MW2</u>	Well Diameter: 2 3 4 6 8 <u>3/4"</u>
Total Well Depth: <u>18.54</u>	Depth to Water: <u>10.45</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible

- Waterra
- Peristaltic
- Extraction Pump
- Other: Teflon Tube

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: TEFLON TUBE

<u>7.16</u> (Gals.) X <u>3</u>	=	<u>0.5</u> <u>2.4</u> Gals.
I Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	<u>09</u> radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>425</u>	<u>61.3</u>	<u>6.3</u>	<u>806</u>	<u>70.2</u>	
<u>930</u>	<u>61.1</u>	<u>6.7</u>	<u>695</u>	<u>140.4</u>	
<u>940</u>	<u>58.3</u>	<u>6.9</u>	<u>757</u>	<u>210.5</u>	

Did well dewater? Yes No Gallons actually evacuated: 250.5

Sampling Time: 940 Sampling Date: 3/2/00

Sample I.D.: MW2 Laboratory: STL Sequoia Other

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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>000302C1</u>	Station #: <u>9-6991</u>
Sampler: <u>Jeff</u>	Date: <u>3/2/00</u>
Well I.D.: <u>mw3</u>	Well Diameter: 2 3 4 6 8 <u>3/4"</u>
Total Well Depth: <u>19.01</u>	Depth to Water: <u>8.85</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other: Teflon Tube

Sampling Method:

- Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other: Teflon Tube

<u>.2</u>	(Gals.) X	<u>3</u>	=	<u>.6</u>	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	<u>.62</u>	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1010	61.7	7.0	176	.2	
1015	60.5	7.0	174	.4	
1020	61.6	7.0	178	.6	

Did well dewater? Yes No Gallons actually evacuated: .6

Sampling Time: 1020 Sampling Date: 3/2/00

Sample I.D.: mw-3 Laboratory: STL Sequoia Other

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>000302C1</u>	Station #: <u>9-6991</u>
Sampler: <u>Jeff</u>	Date: <u>3/2/00</u>
Well I.D.: <u>MW7</u>	Well Diameter: 2 3 4 6 8 <u> </u>
Total Well Depth: <u>19.77</u>	Depth to Water: <u>9.55</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing

Other: _____

$$\frac{1.6 \text{ (Gals.)} \times 3}{1 \text{ Case Volume Specified Volumes}} = 4.9 \text{ Gals. Calculated Volume}$$

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1125	64.7	7.1	1075	1.5	
1130	65.2	6.9	1030	3.0	
1135	65.5	6.9	1028	5.0	

Did well dewater? Yes No Gallons actually evacuated: 5

Sampling Time: 1135 Sampling Date: 3/2/00

Sample I.D.: MW-1 Laboratory: STL Sequoia Other

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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