Chevron

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

Site Assessment &
Remediation Group
Phone (925) 842-9655
Fax (925) 842-8370

Date: March 23, 2000

To: Barney Chan, Alameda County Health and Human Services Agency

Re: Groundwater Monitoring Report 20642

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

If you have any questions, please call me at (925) 842-9655

Sincerely,

Robert Cochran
Site Assessment and Remediation
Project Manager

BLAINE
TECH SERVICES INC.

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

March 23, 2000

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

4th Quarter 1999 Monitoring at 206142

Fourth Quarter 1999 Groundwater Monitoring at
Chevron Service Station Number 206142
333 23rd Ave.
Oakland, CA

Monitoring Performed on December 22, 1999

Groundwater Sampling Report **991222-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.

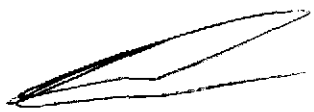
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater 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,



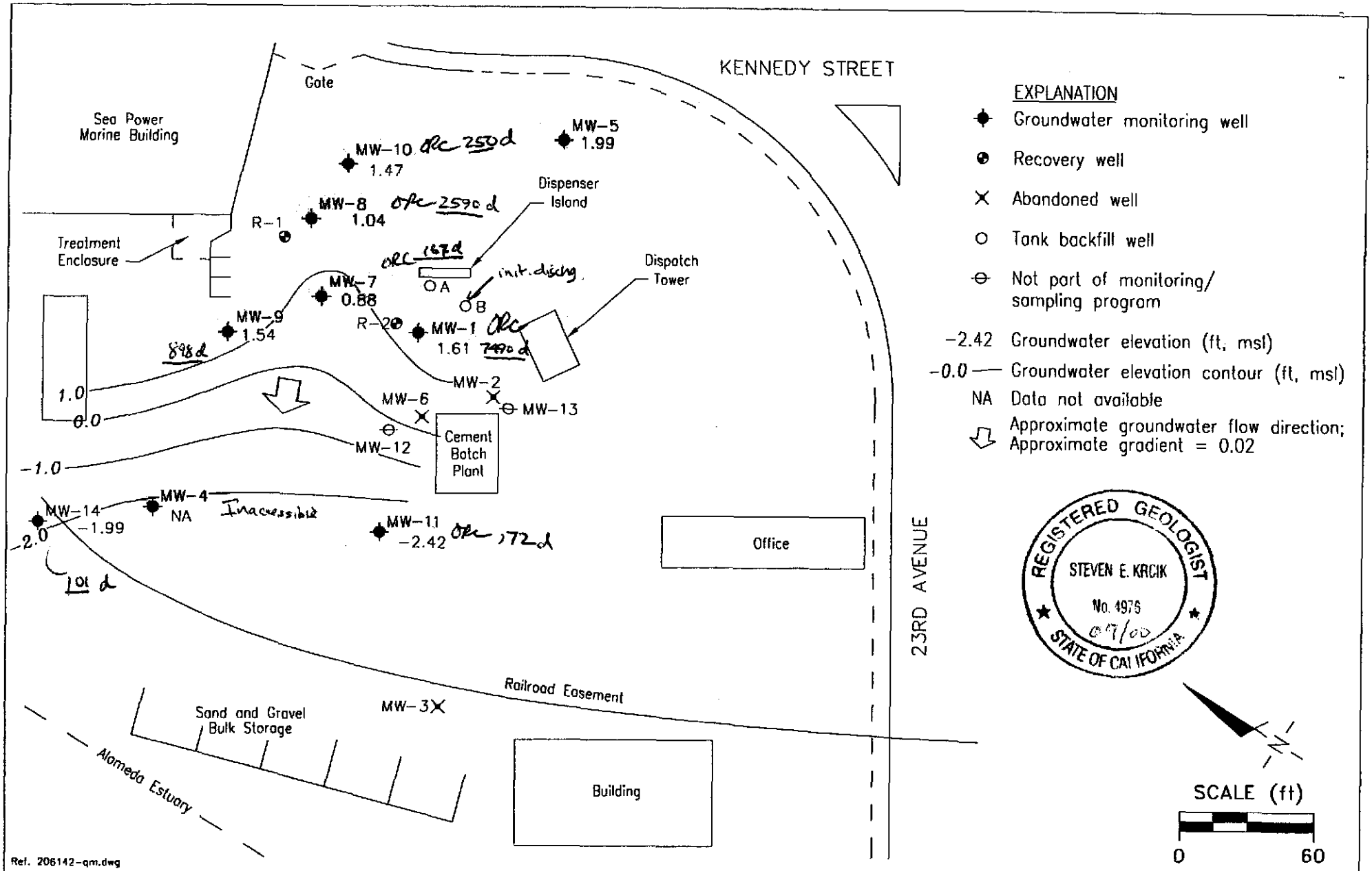
Scott Boor
Project Coordinator

SDB/jbt

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

cc: Barney Chan, Alameda County Health Care Services Agency
Roger Hoffmore, Secor International Inc.

Professional Engineering Appendix



Ref. 206142-gm.dwg
Basemap from Gettler-Ryan, Inc.

PREPARED BY

RRM
engineering contracting firm

Chevron/RMC Lonestar Facility CPS #206142
333 23rd Avenue
Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP, DECEMBER 22, 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. 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
MW-1											
12/21/90	4.70	-3.41	9.77	Free Product (2.07')	--	--	--	--	--	--	--
12/18/93	4.70	-3.73	8.45	Free Product (0.03')	--	--	--	--	--	--	--
03/29/94	4.70	-3.94	9.00	Free Product (0.45')	--	--	--	--	--	--	--
06/09/94	4.70	--	--	--	--	--	--	--	--	--	--
10/04/94	4.70	-3.98	8.71	Free Product (0.04')	--	--	--	--	--	--	--
12/20/94	4.70	-3.14	8.38	Free Product (0.67')	--	--	--	--	--	--	--
03/28/95	4.70	-2.69	7.79	Free Product (0.5')	--	--	--	--	--	--	--
06/30/95	4.70	--	--	--	--	--	--	--	--	--	--
09/24/95	4.70	-2.69	7.79	Free Product (0.5')	--	--	--	--	--	--	--
12/29/95	4.70		--	Inaccessible	--	--	--	--	--	--	--
03/24/96	4.70	-2.97	7.68	Free Product (0.01')/ORCs installed	1400*	<0.5	<0.5	<0.5	<0.5	--	59,000
06/16/96	4.70	-3.16	7.86	--	<500	<5.0	<5.0	<5.0	<5.0	--	99,000
12/08/96	4.70	-3.68	8.38	--	280*	<0.5	<0.5	<0.5	<0.5	<5.0	6700
12/08/96	4.70	-3.68	8.38	Silica gel cleanup	--	--	--	--	--	--	5100
06/30/97	10.16	1.51	8.65	--	200*	<0.5	<0.5	<0.5	<0.5	<2.5	950**
06/30/97	10.16	1.51	8.65	1st Silica gel/2nd Silica gel cleanup	--	--	--	--	--	--	600**/600**
10/16/97	10.16	3.80	6.36	ORCs reinstalled	--	--	--	--	--	--	--
12/28/97	10.16	2.66	7.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	4700**
06/21/98	10.16	2.28	7.88	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	1300**
12/30/98	10.16	1.63	8.53	Silica gel cleanup	<50	<0.5	0.51	<0.5	<0.5	<2.5	230*
06/24/99	10.16	0.14	10.02	++	11,400*	<50	<50	<50	<50	<2500	4,950,000**
12/22/99	10.16	1.61	8.55	++	5130	<10	<10	<10	<10	<50	7490**
MW-2											
06/15/89	--	--	--	--	<200	<0.5	<0.5	<0.5	<0.5	--	--
12/01/92	--	--	--	Abandoned	--	--	--	--	--	--	--

* Chromatogram pattern indicates an unidentified hydrocarbon.
** *Chromatogram pattern indicates weathered diesel.*
++ See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel
MW-4											
05/28/87	--	--	--	--	--	<0.5	<0.5	<0.5	<0.2	--	<5.0
06/15/89	--	--	--	--	<100	<0.2	<2.0	<2.0	<2.0	--	<0.2
12/21/90	--	--	7.31	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/19/93	--	--	6.64	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
06/16/93	--	--	8.01	--	210	32	27	2.8	19	--	<50
12/18/93	--	--	7.35	--	79	0.5	1.2	0.5	1.1	--	100
03/29/94	--	--	8.05	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
06/09/94	--	--	8.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
10/04/94	--	--	7.31	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
12/20/94	--	--	7.03	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/28/95	--	--	6.83	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
06/30/95	--	--	7.84	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
09/24/95	--	--	7.67	--	<50	<0.5	<0.5	<0.5	<0.5	--	110
12/29/95	--	--	--	Unable to locate	--	--	--	--	--	--	--
03/24/96	--	--	7.41	--	<50	<0.5	<0.5	<0.5	<0.5	--	95
06/16/96	--	--	--	Unable to locate	--	--	--	--	--	--	--
12/08/96	--	--	--	Unable to locate	--	--	--	--	--	--	--
12/30/98	--	--	--	Inaccessible	--	--	--	--	--	--	--
06/24/99	--	--	--	Inaccessible	--	--	--	--	--	--	--
12/22/99	--	--	--	Inaccessible	--	--	--	--	--	--	--

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
MW-5											
05/28/87	--	--	--	--	--	<0.5	<0.5	<0.5	<2.0	--	<5.0
06/15/89	--	--	--	--	<100	<0.2	<2.0	<2.0	<2.0	--	--
12/21/90	5.43	-3.68	9.11	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
06/16/93	5.43	-3.69	9.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
12/18/93	5.43	-3.29	8.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	690
03/29/94	5.43	-3.57	9.00	--	--	--	--	--	--	--	--
06/09/94	5.43	-3.93	9.36	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
10/04/94	5.43	--	--	--	--	----	--	--	--	--	--
12/20/94	5.43	-2.67	8.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/28/95	5.43	-2.78	8.21	--	--	--	--	--	--	--	--
06/30/95	5.43	-3.35	8.78	--	<50	<0.5	<0.5	<0.5	<0.5	--	900
09/24/95	5.43	-2.97	8.40	--	--	--	--	--	--	--	--
12/29/95	5.43	-2.96	8.39	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/24/96	5.43	--	--	--	--	--	--	--	--	--	--
06/16/96	5.43	-3.15	8.58	--	<50	<0.5	<0.5	<0.5	<50	--	--
12/08/96	11.11	--	--	No longer sampled	--	--	--	--	--	--	--
12/28/97	11.11	2.74	8.37	--	--	--	--	--	--	--	--
06/21/98	11.11	2.48	8.63	--	--	--	--	--	--	--	--
12/30/98	11.11	--	--	Inaccessible	--	--	--	--	--	--	--
06/24/99	11.11	--	--	Inaccessible	--	--	--	--	--	--	--
12/22/99	11.11	1.99	9.12	*	<50	<0.5	<0.5	<0.5	<0.5	49.8	<50

* See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel
MW-7											
06/15/89	--	--	--	--	<100	<0.2	<2.0	<2.0	<2.0	--	--
12/21/90	4.51	-3.38	7.90	Free Product (0.01')	--	--	--	--	--	--	--
06/16/93	4.51	-3.94	8.45	--	<50	<0.5	0.9	<0.5	<0.5	--	<50
12/18/93	4.51	-3.50	8.01	--	<50	<0.5	<0.5	<0.5	<0.5	--	240
03/29/94	4.51	-4.09	8.60	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
06/09/94	4.51	-4.10	8.61	--	<50	<0.5	<0.5	<0.5	<0.5	--	130*
10/04/94	4.51	-3.31	7.82	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
12/20/94	4.51	-3.19	7.70	--	<50	<0.5	<0.5	<0.5	<0.5	--	140
03/28/95	4.51	-3.16	7.67	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
06/30/95	4.51	-3.82	8.33	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
09/24/95	4.51	-3.65	8.16	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
12/29/95	4.51	-3.00	7.51	--	<50	<0.5	<0.5	<0.5	<0.5	--	230*
03/24/96	4.51	-3.17	7.69	Free Product (0.01')/ORCs installed	<50	<0.5	<0.5	<0.5	<0.5	--	81
06/16/96	4.51	-5.86	10.37	--	<50	<0.5	<0.5	<0.5	<0.5	--	190
12/08/96	10.15	--	--	No longer sampled	--	--	--	--	--	--	--
10/16/97	10.15	2.16	7.99	ORCs reinstalled	--	--	--	--	--	--	--
12/28/97	10.15	2.38	7.77	--	--	--	--	--	--	--	--
06/21/98	10.15	2.18	7.97	--	--	--	--	--	--	--	--
12/30/98	10.15	1.37	8.78	Silica gel cleanup	<50	<0.5	<0.5	<0.5	<0.5	<2.5	92*
06/24/99	10.15	1.15	9.00	++	<50	<0.5	<0.5	<0.5	<0.5	<2.5	278*
12/22/99	10.15	0.88	9.27	++	<50	<0.5	<0.5	<0.5	<0.5	<2.5	167**

* Chromatogram pattern indicates an unidentified hydrocarbon.
++ See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel
MW-8											
12/21/90	4.93	-3.59	8.53	Free Product (0.02')	--	--	--	--	--	--	--
12/18/93	4.93	--	--	--	--	--	--	--	--	--	--
03/29/94	4.93	-3.46	8.38	--	--	--	--	--	--	--	--
06/09/94	4.93	--	--	--	--	--	--	--	--	--	--
12/20/94	4.93	-2.66	7.58	--	<2500	120	100	<25	100	--	50,000
03/28/95	4.93	-2.16	7.08	--	--	--	--	--	--	--	--
06/30/95	4.93	-3.17	8.09	--	<50	<0.5	<0.5	<0.5	<0.5	--	14,000
09/24/95	4.93	-3.53	8.45	--	--	--	--	--	--	--	--
12/29/95	4.93	-2.55	7.47	--	520	<2.0	<2.0	<2.0	<2.0	--	25,000
03/24/96	4.93	--	--	--	--	--	--	--	--	--	--
06/16/96	4.93	-3.07	7.99	--	59*	<0.5	<0.5	<0.5	<0.5	--	9400
12/08/96	4.93	-2.74	7.67	--	580*	<0.5	<0.5	<0.5	<0.5	<5.0	16,000
12/08/96	4.93	-2.74	7.67	Silica gel cleanup	--	--	--	--	--	--	9300
06/30/97	10.09	-1.56	11.65	--	1700*	<5.0	<5.0	<5.0	<5.0	<25	5300**
06/30/97	10.09	-1.56	11.65	1st Silica gel/2nd Silica gel cleanup	--	--	--	--	--	--	3100**/3000**
10/16/97	10.09	2.29	7.80	ORCs installed	--	--	--	--	--	--	--
12/28/97	10.09	2.56	7.53	No Purge Sample	<50	<0.5	<0.5	<0.5	<0.5	<2.5	2700*
06/21/98	10.09	2.03	8.06	--	57*	<0.5	0.52	<0.5	0.55	<2.5	3500**
12/30/98	10.09	0.97	9.12	Silica gel cleanup	<50	<0.5	<0.5	<0.5	<0.5	<2.5	900**
06/24/99	10.09	1.06	9.03	++	2150*	<5.0	<5.0	<5.0	<5.0	<25	35,200**
12/22/99	10.09	1.04	9.05	++	3490	<2.0	<2.0	<2.0	<2.0	<10	2590**

* Chromatogram pattern indicates an unidentified hydrocarbon.
** Chromatogram pattern indicates weathered diesel.
++ See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel
MW-9											
05/28/87	--	--	--	--	--	<0.5	<0.5	<0.5	<2.0	--	<50
06/15/89		--	--	--	<100	<0.2	<2.0	<2.0	<2.0	--	--
12/21/90		--	7.86	Sheen	<50	<0.5	<0.5	<0.5	1.0	--	230
06/16/93	4.42	-3.92	8.34	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
12/18/93	4.42	-3.49	7.91	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/29/94	4.42	-3.43	7.85	--	--	--	--	--	--	--	--
06/09/94	4.42	-4.27	8.69	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
10/04/94	4.42	--	--	--	--	--	--	--	--	--	--
12/20/94	4.42	-3.18	7.60	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/28/95	4.42	-3.16	7.58	--	--	--	--	--	--	--	--
06/30/95	4.42	-3.92	8.34	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
09/24/95	4.42	-3.79	8.21	--	--	--	--	--	--	--	--
12/29/95	4.42	-3.06	7.48	--	<50	<0.5	<0.5	<0.5	<0.5	--	600
03/24/96	4.42	--	--	ORCs installed	--	--	--	--	--	--	--
06/16/96	4.42	-3.83	8.25	--	<50	<0.5	<0.5	<0.5	<0.5	--	810
12/08/96	10.13	--	--	No longer sampled	--	--	--	--	--	--	--
10/16/97	10.13	1.61	8.52	ORCs reinstalled	--	--	--	--	--	--	--
12/28/97	10.13	2.55	7.58	--	--	--	--	--	--	--	--
06/21/98	10.13	2.06	8.07	--	--	--	--	--	--	--	--
12/30/98	10.13	1.85	8.28	Silica gel cleanup	<50	<0.5	<0.5	<0.5	<0.5	<2.5	53*
06/24/99	10.13	1.14	8.99	++	<50	<0.5	<0.5	<0.5	<0.5	<2.5	308*
12/22/99	10.13	1.54	8.59	++	<50	<0.5	<0.5	<0.5	<0.5	<2.5	898*

* Chromatogram pattern indicates an unidentified hydrocarbon.
++ See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel
MW-10											
06/15/89	--	--	--	--	<100	<0.2	<2.0	<2.0	<2.0	--	--
12/21/90	5.24	-3.68	8.92	--	<50	<0.5	<0.5	<0.5	<0.5	--	80
06/16/93	5.24	-3.73	8.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
12/18/93	5.24	-2.63	7.87	--	51*	<0.5	<0.5	<0.5	<0.5	--	12,000
03/29/94	5.24	-3.96	9.20	--	--	--	--	--	--	--	--
06/09/94	5.24	-4.07	9.31	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
10/04/94	5.24	--	--	--	--	--	--	--	--	--	--
12/20/94	5.24	-3.06	8.30	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/28/95	5.24	-3.02	8.26	--	--	--	--	--	--	--	--
06/30/95	5.24	-3.71	8.95	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
09/24/95	5.24	-3.63	8.87	--	--	--	--	--	--	--	--
12/29/95	5.24	-2.79	8.03	--	<50	<0.5	<0.5	<0.5	<0.5	--	1800*
03/24/96	5.24	--	--	ORCs installed	--	--	--	--	--	--	--
06/16/96	5.24	-3.53	8.77	--	<50	<0.5	<0.5	<0.5	<0.5	--	300
12/08/96	10.91	--	--	No longer sampled	--	--	--	--	--	--	--
10/16/97	10.91	2.31	8.60	ORCs reinstalled	--	--	--	--	--	--	--
12/28/97	10.91	2.59	8.32	--	--	--	--	--	--	--	--
06/21/98	10.91	2.18	8.73	--	--	--	--	--	--	--	--
12/30/98	10.91	2.93	7.98	Silica gel cleanup	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<50
06/24/99	10.91	1.55	9.36	++	<50	<0.5	<0.5	<0.5	<0.5	<2.5	163*
12/22/99	10.91	1.47	9.44	++	<50	<0.5	<0.5	<0.5	<0.5	<2.5	250*

* Chromatogram pattern indicates an unidentified hydrocarbon.
++ See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel
MW-11											
08/21/87	--	--	--	--	--	<0.5	<0.5	<0.5	<2.0	--	<0.1
06/21/89	--	--	--	--	<100	<0.2	<2.0	<2.0	<2.0	--	--
12/21/90	--	--	8.59	Sheen	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/19/93	4.37	-3.20	7.57	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
06/16/93	4.37	-4.47	8.84	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
12/18/93	4.37	-3.89	8.26	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/29/94	4.37	-4.70	9.07	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
06/09/94	4.37	-4.77	9.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	150*
10/04/94	4.37	-3.57	7.94	--	<50	<0.5	1.0	<0.5	<0.5	--	<50
12/20/94	4.37	-3.31	7.68	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/28/95	4.37	-2.53	6.90	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
06/30/95	4.37	-4.44	8.81	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
09/24/95	4.37	-4.43	8.80	--	<50	<0.5	<0.5	<0.5	<0.5	--	110
12/29/95	4.37	-3.85	8.22	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/24/96	4.37	-4.09	8.46	--	<50	<0.5	<0.5	<0.5	<0.5	--	80
06/16/96	4.37	-4.37	8.74	--	<50	<0.5	<0.5	<0.5	<0.5	--	868
12/08/96	4.37	-3.38	7.75		<50	<0.5	<0.5	<0.5	<0.5	<5.0	<50
06/30/97	6.71	-1.92	8.63	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	71**
06/30/97	6.71	-1.92	8.63	Silica gel cleanup	--	--	--	--	--	--	<50
10/16/97	6.71		--	Inaccessible	--	--	--	--	--	--	--
12/28/97	6.71	-0.94	7.65	ORCs installed	<50	<0.5	<0.5	<0.5	<0.5	<2.5	82**
06/21/98	6.71	-1.41	8.12	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	89*
12/30/98	6.71	-2.54	9.25	Silica gel cleanup	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<50
06/24/99	6.71	-1.32	8.03	++	<50	<0.5	<0.5	<0.5	<0.5	<2.5	69*
12/22/99	6.71	-2.42	9.13	++	<50	<0.5	<0.5	<0.5	<0.5	<2.5	72*

* Chromatogram pattern indicates an unidentified hydrocarbon.
** Chromatogram pattern indicates weathered diesel.
++ See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel
MW-12											
08/21/87	--	--	--	--	--	<0.5	<0.5	<0.5	<2.0	--	<0.1
12/18/93	--	--	--	--	--	--	--	--	--	--	--
03/29/94	--	--	--	--	--	--	--	--	--	--	--
06/09/94	--	--	--	Inaccessible	--	--	--	--	--	--	--
NO LONGER MONITORED OR SAMPLED											
MW-13											
08/21/87	--	--	--	--	--	<0.5	<0.5	<0.5	<2.0	--	<0.1
06/15/89	--	--	--	--	<100	<0.2	<2.0	<2.0	<2.0	--	--
03/19/93	4.73	-2.89	7.62	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
06/16/93	4.73	-3.83	8.56	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50
12/18/93	4.73	-3.38	8.11	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/29/94	4.73	-3.92	8.65	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
06/09/94	4.73	-3.87	8.60	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
10/04/94	4.73	-3.58	8.31	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
12/20/94	4.73	-3.19	7.92	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/28/95	4.73	-3.05	7.78	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50
06/30/95	4.73	--	--	--	--	--	--	--	--	--	--
09/24/95	4.73	-3.61	8.34	--	<50	<0.5	<0.5	<0.5	<0.5	--	180
12/29/95	4.73		--	Unable to locate	--	--	--	--	--	--	--
03/24/96	4.73	-3.01	7.74	**	<50	<0.5	<0.5	<0.5	<0.5	--	<50
03/24/96	4.73	-3.34	8.07	--	<50	<0.5	<0.5	<0.5	<0.5	--	57*
NO LONGER MONITORED OR SAMPLED											

* Chromatogram pattern indicates an unidentified hydrocarbon.
** Total Dissolved Solids by EPA 160.1 detected at 1600 ppb.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel
MW-14											
06/30/97	5.56	-1.92	7.48	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	86**
06/30/97	5.56	-1.92	7.48	--	--	--	--	--	--	--	<50
10/16/97	5.56	-1.86	7.42	--	--	--	--	--	--	--	--
12/28/97	5.56	-1.46	7.02	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	97**
06/21/98	5.56	-1.47	7.03	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	65**
12/30/98	5.56	--	--	Inaccessible	--	--	--	--	--	--	--
06/24/99	5.56	--	--	Inaccessible	--	--	--	--	--	--	--
12/22/99	5.56	-1.99	7.55	+	<50	<0.5	<0.5	<0.5	<0.5	<2.5	101**

* Chromatogram pattern indicates weathered diesel.

** *Chromatogram pattern indicates an unidentified hydrocarbon.*

\+ See Table of Additional Analyses.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel
TRIP BLANK											
03/19/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
06/16/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
12/18/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/29/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/09/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/28/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/24/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/29/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/24/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/08/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/30/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/28/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/21/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/30/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

TABLE OF ADDITIONAL ANALYSES

Analytical results are in parts per million (ppm)

DATE	ORP (mV)	DO (mg/L)	Nitrate (NO_3)	Notes	Sulfate (SO_4)	Ferrous Iron	Phosphate	Ammonia	Alkalinity
MW-1									
11/09/95	--	0.90	--	--	--	--	--	--	--
06/16/96	--	1.34	>5.0	ORCs Installed	--	--	2.0	>10	--
12/08/96	--	1.39	13.00	--	14	2.6	--	--	--
06/30/97	-16.5	1.00	<1.0	--	10	5.6	--	--	--
10/16/97	--	0.51	--	ORCs Reinstalled	--	--	--	--	--
12/28/97	22.9	2.30	7.60	No Purge Sampling	7.3	1.7	--	--	--
06/21/98	102	1.60	<1.0	--	7.1	0.35	--	--	570
06/24/99	35	1.20	<1.0	--	3.64	9.2	--	--	560
12/22/99	99	1.00	1.37	--	9.87	0.4	--	--	677
MW-4									
11/09/95	--	0.37	0.20	--	--	--	0	0.01	--
MW-5 (BG)									
11/09/95	--	0.85	0.10	--	--	--	1.5	0.1	--
06/16/96	--	0.78	--	--	--	--	--	--	--
12/28/97	--	5.24	--	--	--	--	--	--	--
06/21/98	--	2.30	--	--	--	--	--	--	--
12/30/98	--	--	--	Inaccessible	--	--	--	--	--
06/24/99	--	--	--	Inaccessible	--	--	--	--	--
12/22/99	116	1.60	7.65	--	294	<0.01	--	--	341

TABLE OF ADDITIONAL ANALYSES

Analytical results are in parts per billion (ppm)

DATE	ORP (mV)	DO (mg/L)	Nitrate (NO_3)	Notes	Sulfate (SO_4)	Ferrous Iron	Phosphate	Ammonia	Alkalinity
MW-7									
11/09/95	--	0.42	--	--	--	--	--	--	--
06/16/96	--	OR	>5.0	ORCs Installed	--	--	4.0	>10	--
10/16/97	--	0.73	--	ORCs Reinstalled	--	--	--	--	--
12/28/97	--	1.10	--	--	--	--	--	--	--
06/21/98	--	0.58	--	--	--	--	--	--	--
12/30/98	96	2.10	71	--	56	0.36	--	--	590
06/24/99	30	1.10	220	--	56	<0.01	--	--	420
12/22/99	107	0.80	46.8	--	53	<0.01	--	--	325
MW-8									
11/09/95	--	0.95	--	--	--	--	--	--	--
06/16/96	--	0.29	0.00	--	--	--	0.6	0.6	--
12/08/96	-35	0.51	<0.10	--	3.0	6.1	--	--	--
06/30/97	-50.2	9.50	<1.0	--	17	0.22	--	--	--
10/16/97	--	1.84	--	ORCs Installed	--	--	--	--	--
12/28/97	41.6	3.08	<5.0	No Purge Sampling	5.3	0.25	--	--	--
06/21/98	--	2.80	<1.0	--	11	0.66	--	--	--
12/30/98	87	2.00	<1.0	--	7.7	0.27	--	--	980
06/24/99	29	1.40	<1.0	--	18	13	--	--	650
12/22/99	56	1.50	1.07	--	11.5	3.0	--	--	1980
MW-9									
11/09/95	--	0.58	--	--	--	--	--	--	--
06/16/96	--	14.66	>5.0	ORCs Installed	--	--	>10	1.0	--
10/16/97	--	3.49	--	ORCs Reinstalled	--	--	--	--	--
12/28/97	--	6.95	--	--	--	--	--	--	--
06/21/98	--	1.67	--	--	--	--	--	--	--
12/30/98	121	1.40	8.40	--	16	0.14	--	--	560
06/24/99	29	1.20	5.76	--	25	<0.01	--	--	510
12/22/99	50	1.30	1.02	--	7.9	0.22	--	--	582

TABLE OF ADDITIONAL ANALYSES

Analytical results are in parts per billion (ppm)

DATE	ORP (mV)	DO (mg/L)	Nitrate (NO_3)	Notes	Sulfate (SO_4)	Ferrous Iron	Phosphate	Ammonia	Alkalinity
MW-10									
11/09/95	--	1.49	--	--	--	--	--	--	--
06/16/96	--	3.30	1.00	ORCs Installed	--	--	6.0	>10	--
10/16/97	--	8.06	--	ORCs Reinstalled	--	--	--	--	--
12/28/97	--	>19.99	--	--	--	--	--	--	--
06/21/98	--	18.57	--	--	--	--	--	--	--
12/30/98	131	1.00	8.8	--	110	0.13	--	--	320
06/24/99	11	1.20	9.16	--	110	<0.01	--	--	370
12/22/99	133	1.20	3.13	--	123	0.086	--	--	947
MW-11									
11/09/95	--	0.52	0.20	--	--	--	5.0	0.1	--
06/16/96	--	0.25	--	--	--	--	--	--	--
12/08/96	165	0.31	340	--	99	<0.010	--	--	--
06/30/97	-25	2.99	350	--	140	0.015	--	--	--
10/16/97	--	--	--	Inaccessible	--	--	--	--	--
12/28/97	21.5	2.00	240	ORCs Installed	130	0.93	--	--	--
06/21/98	--	0.50	190	--	190	0.022	--	--	--
12/30/98	136	1.20	220	--	140	0.041	--	--	290
06/24/99	31	1.40	180	--	140	<0.01	--	--	290
12/22/99	128	1.20	77.3	--	124	0.35	--	--	343
MW-13									
11/09/95	--	--	--	Unable to locate	--	--	--	--	--
06/16/96	--	0.52	0.10	--	--	--	0.4	0.2	--

TABLE OF ADDITIONAL ANALYSES

Analytical results are in parts per billion (ppm)

DATE	ORP (mV)	DO (mg/L)	Nitrate (NO_3)	Notes	Sulfate (SO_4)	Ferrous Iron	Phosphate	Ammonia	Alkalinity
MW-14									
06/30/97	-31.2	4.56	<1.0	--	41	0.29	--	--	--
10/16/97	--	0.85	--	--	--	--	--	--	--
12/28/97	133	2.75	10.00	--	35	0.028	--	--	--
06/21/98	--	1.00	28.00	--	44	0.15	--	--	--
06/24/99	--	--	--	Inaccessible	--	--	--	--	--
12/22/99	104	1.70	2.95	--	44.5	1.2	--	--	491
R-2									
11/09/95	--	0.44	0.60	--	--	--	0	0	--
A									
11/09/95	--	0.42	1.00	--	--	--	0	4.0	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on December 30, 1998.
Earlier field data and analytical results were provided by Gettler-Ryan.
Elevations surveyed on 09/26/93 by Field Designs relative to City of Oakland Benchmark #3457 and corrected to Mean Sea Level (msl).
(Benchmark datum is 2.998 feet off of msl.)
Site surveyed by Virgil Chavez Land Surveying on 07/03/97. Top of casing elevation measured using the top of curb on the northerly side of 23rd Avenue, using the northeasterly top of rail (of railroad tracks running through site) as reference line. (Benchmark Elevation = 17.91 feet, msl).

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
MTBE = Methyl t-Butyl Ether
ORP = Oxidation Reduction Potential
DO = Dissolved Oxygen
mV = Millivolts
OR = Over-range of instrument

Analytical Appendix

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

January 7, 2000

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

RE: Chevron 206142/M912850

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on December 23, 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

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled:	12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received:	12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	1/7/00

ANALYTICAL REPORT FOR M912850

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	M912850-01	Water	12/22/99
MW-5	M912850-02	Water	12/22/99
MW-7	M912850-03	Water	12/22/99
MW-8	M912850-04	Water	12/22/99
MW-9	M912850-05	Water	12/22/99
MW-10	M912850-06	Water	12/22/99
MW-11	M912850-07	Water	12/22/99
MW-14	M912850-08	Water	12/22/99
TB	M912850-09	Water	12/22/99

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

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-1			**M912850-01**				**Water**	
Purgeable Hydrocarbons	0010025	1/3/00	1/3/00		1000	**5130**	ug/l	1,D
Benzene	"	"	"		10.0	ND	"	D
Toluene	"	"	"		10.0	ND	"	D
Ethylbenzene	"	"	"		10.0	ND	"	D
Xylenes (total)	"	"	"		10.0	ND	"	D
Methyl tert-butyl ether	"	"	"		50.0	ND	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*99.1*	*%*	
MW-5			**M912850-02**				**Water**	
Purgeable Hydrocarbons	0010007	1/1/00	1/1/00		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	**49.8**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*93.5*	*%*	
MW-7			**M912850-03**				**Water**	
Purgeable Hydrocarbons	0010007	1/1/00	1/1/00		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*		*92.9*	*%*	
MW-8			**M912850-04**				**Water**	
Purgeable Hydrocarbons	0010086	1/4/00	1/4/00		200	**3490**	ug/l	1,D
Benzene	"	"	"		2.00	ND	"	D
Toluene	"	"	"		2.00	ND	"	D
Ethylbenzene	"	"	"		2.00	ND	"	D
Xylenes (total)	"	"	"		2.00	ND	"	D
Methyl tert-butyl ether	"	"	"		10.0	ND	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*93.4*	*%*	
MW-9			**M912850-05**				**Water**	
Purgeable Hydrocarbons	0010007	1/1/00	1/1/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	

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Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

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-9 (continued)			**M912850-05**				**Water**	
Methyl tert-butyl ether	0010007	1/1/00	1/1/00		2.50	ND	ug/l	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*93.5*	%	
MW-10			**M912850-06**				**Water**	
Purgeable Hydrocarbons	0010007	1/1/00	1/1/00		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*		*92.1*	%	
MW-11			**M912850-07**				**Water**	
Purgeable Hydrocarbons	0010025	1/3/00	1/3/00		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*		*99.5*	%	
MW-14			**M912850-08**				**Water**	
Purgeable Hydrocarbons	0010007	1/1/00	1/1/00		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*		*89.3*	%	
TB			**M912850-09**				**Water**	
Purgeable Hydrocarbons	0010007	1/1/00	1/1/00		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*		*85.2*	%	

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Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

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*
MW-1			**M912850-01**				**Water**	
Diesel Range Hydrocarbons	0010099	1/4/00	1/6/00		0.500	**7.49**	mg/l	2,D
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*152*	%	*3,D*
MW-5			**M912850-02**				**Water**	
Diesel Range Hydrocarbons	0010099	1/4/00	1/6/00		0.0500	ND	mg/l	
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*90.4*	%	
MW-7			**M912850-03**				**Water**	
Diesel Range Hydrocarbons	0010099	1/4/00	1/6/00		0.0500	**0.167**	mg/l	4
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*95.4*	%	
MW-8			**M912850-04**				**Water**	
Diesel Range Hydrocarbons	0010099	1/4/00	1/6/00		0.0500	**2.59**	mg/l	2
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*142*	%	
MW-9			**M912850-05**				**Water**	
Diesel Range Hydrocarbons	0010130	1/5/00	1/6/00		0.0500	**0.898**	mg/l	4
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*98.8*	%	
MW-10			**M912850-06**				**Water**	
Diesel Range Hydrocarbons	0010130	1/5/00	1/6/00		0.0500	**0.250**	mg/l	4
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*93.0*	%	
MW-11			**M912850-07**				**Water**	
Diesel Range Hydrocarbons	0010130	1/5/00	1/6/00		0.0500	**0.0720**	mg/l	4
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*84.6*	%	
MW-14			**M912850-08**				**Water**	
Diesel Range Hydrocarbons	0010130	1/5/00	1/7/00		0.0500	**0.101**	mg/l	4
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*77.2*	%	

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Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

Total Metals by EPA 6000/7000 Series Methods
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1			**M912850-01**				**Water**	
Ferrous Iron	0010087	12/28/99	12/28/99	EPA 6010A	0.0100	**0.400**	mg/l	
MW-5			**M912850-02**				**Water**	
Ferrous Iron	0010087	12/28/99	12/28/99	EPA 6010A	0.0100	ND	mg/l	
MW-7			**M912850-03**				**Water**	
Ferrous Iron	0010087	12/28/99	12/28/99	EPA 6010A	0.0100	ND	mg/l	
MW-8			**M912850-04**				**Water**	
Ferrous Iron	0010087	12/28/99	12/28/99	EPA 6010A	0.0100	**3.00**	mg/l	
MW-9			**M912850-05**				**Water**	
Ferrous Iron	0010087	12/28/99	12/28/99	EPA 6010A	0.0100	**0.220**	mg/l	
MW-10			**M912850-06**				**Water**	
Ferrous Iron	0010087	12/28/99	12/28/99	EPA 6010A	0.0100	**0.0860**	mg/l	
MW-11			**M912850-07**				**Water**	
Ferrous Iron	0010087	12/28/99	12/28/99	EPA 6010A	0.0100	**0.350**	mg/l	
MW-14			**M912850-08**				**Water**	
Ferrous Iron	0010087	12/28/99	12/28/99	EPA 6010A	0.0100	**1.20**	mg/l	

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1680 Rogers Avenue	Project Number:	991222-X1	Received:	12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	1/7/00

Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1			**M912850-01**				**Water**	
Total Alkalinity	9120848	12/27/99	12/27/99	SM 2320B	5.00	**677**	mg/l	
MW-5			**M912850-02**				**Water**	
Total Alkalinity	9120848	12/27/99	12/27/99	SM 2320B	5.00	**341**	mg/l	
MW-7			**M912850-03**				**Water**	
Total Alkalinity	9120848	12/27/99	12/27/99	SM 2320B	5.00	**325**	mg/l	
MW-8			**M912850-04**				**Water**	
Total Alkalinity	9120848	12/27/99	12/27/99	SM 2320B	5.00	**1980**	mg/l	
MW-9			**M912850-05**				**Water**	
Total Alkalinity	9120848	12/27/99	12/27/99	SM 2320B	5.00	**582**	mg/l	
MW-10			**M912850-06**				**Water**	
Total Alkalinity	9120848	12/27/99	12/27/99	SM 2320B	5.00	**947**	mg/l	
MW-11			**M912850-07**				**Water**	
Total Alkalinity	9120848	12/27/99	12/27/99	SM 2320B	5.00	**343**	mg/l	
MW-14			**M912850-08**				**Water**	
Total Alkalinity	9120848	12/27/99	12/27/99	SM 2320B	5.00	**491**	mg/l	

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1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

Anions by EPA Method 300.0
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1			**M912850-01**				**Water**	
Nitrate as N	9120835	12/23/99	12/23/99	EPA 300.0	0.226	**1.37**	mg/l	D
Sulfate as SO4	"	"	"	EPA 300.0	1.00	**9.87**	"	D
MW-5			**M912850-02**				**Water**	
Nitrate as N	9120835	12/23/99	12/23/99	EPA 300.0	0.226	**7.65**	mg/l	D
Sulfate as SO4	"	"	"	EPA 300.0	1.00	**294**	"	D
MW-7			**M912850-03**				**Water**	
Nitrate as N	9120835	12/23/99	12/23/99	EPA 300.0	0.226	**46.8**	mg/l	D
Sulfate as SO4	"	"	"	EPA 300.0	1.00	**53.0**	"	D
MW-8			**M912850-04**				**Water**	
Nitrate as N	9120835	12/23/99	12/23/99	EPA 300.0	0.226	**1.07**	mg/l	D
Sulfate as SO4	"	"	"	EPA 300.0	1.00	**11.5**	"	D
MW-9			**M912850-05**				**Water**	
Nitrate as N	9120835	12/23/99	12/23/99	EPA 300.0	0.226	**1.02**	mg/l	D
Sulfate as SO4	"	"	"	EPA 300.0	1.00	**7.90**	"	D
MW-10			**M912850-06**				**Water**	
Nitrate as N	9120835	12/23/99	12/23/99	EPA 300.0	0.226	**3.13**	mg/l	D
Sulfate as SO4	"	"	"	EPA 300.0	1.00	**123**	"	D
MW-11			**M912850-07**				**Water**	
Nitrate as N	9120866	12/28/99	12/28/99	EPA 300.0	2.26	**77.3**	mg/l	D
Sulfate as SO4	9120835	12/23/99	12/23/99	EPA 300.0	1.00	**124**	"	D
MW-14			**M912850-08**				**Water**	
Nitrate as N	9120835	12/23/99	12/23/99	EPA 300.0	0.226	**2.95**	mg/l	D
Sulfate as SO4	"	"	"	EPA 300.0	1.00	**44.5**	"	D

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Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

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: 0010007	**Date Prepared: 1/1/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0010007-BLK1**									
Purgeable Hydrocarbons	1/1/00			**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*		*9.33*	"	*70.0-130*	*93.3*			
LCS	**0010007-BS1**									
Benzene	1/1/00	10.0		8.50	ug/l	70.0-130	85.0			
Toluene	"	*10.0*		*10.2*	"	*70.0-130*	*102*			
Ethylbenzene	"	10.0		11.1	"	70.0-130	111			
Xylenes (total)	"	30.0		34.2	"	70.0-130	114			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.30*	"	*70.0-130*	*93.0*			
Matrix Spike	**0010007-MS1**		**M912850-02**							
Benzene	1/1/00	10.0	ND	8.74	ug/l	60.0-140	**87.4**			
Toluene	"	10.0	ND	10.5	"	60.0-140	**105**			
Ethylbenzene	"	10.0	ND	11.5	"	60.0-140	**115**			
Xylenes (total)	"	30.0	ND	34.6	"	60.0-140	**115**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.43*	"	*70.0-130*	*94.3*			
Matrix Spike Dup	**0010007-MSD1**		**M912850-02**							
Benzene	1/1/00	10.0	ND	8.36	ug/l	60.0-140	**83.6**	25.0	**4.44**	
Toluene	"	10.0	ND	9.99	"	60.0-140	**99.9**	25.0	**4.98**	
Ethylbenzene	"	10.0	ND	10.9	"	60.0-140	**109**	25.0	**5.36**	
Xylenes (total)	"	30.0	ND	34.0	"	60.0-140	**113**	25.0	**1.75**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.99*	"	*70.0-130*	*89.9*			
Batch: 0010025	**Date Prepared: 1/3/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0010025-BLK1**									
Purgeable Hydrocarbons	1/3/00			**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*		*10.1*	"	*70.0-130*	*101*			

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Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

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*
LCS	**0010025-BS1**									
Benzene	1/3/00	10.0		9.03	ug/l	70.0-130	90.3			
Toluene	"	10.0		9.93	"	70.0-130	99.3			
Ethylbenzene	"	10.0		10.4	"	70.0-130	104			
Xylenes (total)	"	30.0		32.8	"	70.0-130	109			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.96*	"	*70.0-130*	*99.6*			
Matrix Spike	**0010025-MS1**		**M912979-03**							
Benzene	1/3/00	10.0	ND	9.02	ug/l	60.0-140	**90.2**			
Toluene	"	10.0	ND	10.2	"	60.0-140	**102**			
Ethylbenzene	"	10.0	ND	10.9	"	60.0-140	**109**			
Xylenes (total)	"	30.0	ND	34.1	"	60.0-140	**114**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.4*	"	*70.0-130*	*104*			
Matrix Spike Dup	**0010025-MSD1**		**M912979-03**							
Benzene	1/3/00	10.0	ND	8.70	ug/l	60.0-140	**87.0**	25.0	**3.61**	
Toluene	"	10.0	ND	10.1	"	60.0-140	**101**	25.0	**0.985**	
Ethylbenzene	"	10.0	ND	10.5	"	60.0-140	**105**	25.0	**3.74**	
Xylenes (total)	"	30.0	ND	33.2	"	60.0-140	**111**	25.0	**2.67**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.0*	"	*70.0-130*	*100*			
Batch: 0010086	**Date Prepared: 1/4/00**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0010086-BLK1**									
Purgeable Hydrocarbons	1/4/00			**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*		*9.75*	"	*70.0-130*	*97.5*			
LCS	**0010086-BS1**									
Purgeable Hydrocarbons	1/4/00	250		252	ug/l	70.0-130	101			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.52*	"	*70.0-130*	*75.2*			
Matrix Spike	**0010086-MS1**		**M912960-04**							
Purgeable Hydrocarbons	1/4/00	250	ND	240	ug/l	60.0-140	**96.0**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.79*	"	*70.0-130*	*77.9*			
Matrix Spike Dup	**0010086-MSD1**		**M912960-04**							
Purgeable Hydrocarbons	1/4/00	250	ND	230	ug/l	60.0-140	**92.0**	25.0	**4.26**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.33*	"	*70.0-130*	*73.3*			

Sequoia Analytical - Morgan Hill

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

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Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

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: 0010099	**Date Prepared: 1/4/00**					**Extraction Method: EPA 3510B**				
Blank	**0010099-BLK1**									
Diesel Range Hydrocarbons	1/6/00			**ND**	mg/l	**0.0500**				
Surrogate: n-Pentacosane	"	*0.100*		*0.0790*	"	*50.0-150*	*79.0*			
LCS	**0010099-BS1**									
Diesel Range Hydrocarbons	1/6/00	1.00		0.684	mg/l	60.0-140	68.4			
Surrogate: n-Pentacosane	"	*0.100*		*0.0674*	"	*50.0-150*	*67.4*			
LCS Dup	**0010099-BSD1**									
Diesel Range Hydrocarbons	1/6/00	1.00		0.937	mg/l	60.0-140	93.7	50.0	31.2	
Surrogate: n-Pentacosane	"	*0.100*		*0.0944*	"	*50.0-150*	*94.4*			
Batch: 0010130	**Date Prepared: 1/5/00**					**Extraction Method: EPA 3510B**				
Blank	**0010130-BLK1**									
Diesel Range Hydrocarbons	1/6/00			**ND**	mg/l	**0.0500**				
Surrogate: n-Pentacosane	"	*0.100*		*0.0848*	"	*50.0-150*	*84.8*			
LCS	**0010130-BS1**									
Diesel Range Hydrocarbons	1/6/00	1.00		0.753	mg/l	60.0-140	75.3			
Surrogate: n-Pentacosane	"	*0.100*		*0.0932*	"	*50.0-150*	*93.2*			
LCS Dup	**0010130-BSD1**									
Diesel Range Hydrocarbons	1/6/00	1.00		0.689	mg/l	60.0-140	68.9	50.0	8.88	
Surrogate: n-Pentacosane	"	*0.100*		*0.0752*	"	*50.0-150*	*75.2*			

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

Total Metals by EPA 6000/7000 Series Methods/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: 0010087	**Date Prepared: 12/28/99**					**Extraction Method: EPA 3020A**				
Blank	**0010087-BLK1**									
Ferrous Iron	12/28/99			**ND**	mg/l	**0.0100**				
LCS	**0010087-BS1**									
Ferrous Iron	12/28/99	1.00		1.10	mg/l	80.0-120	110			
Matrix Spike	**0010087-MS1**		**M912862-04**							
Ferrous Iron	12/28/99	1.00	1.90	3.00	mg/l	80.0-120	**110**			
Matrix Spike Dup	**0010087-MSD1**		**M912862-04**							
Ferrous Iron	12/28/99	1.00	1.90	2.90	mg/l	80.0-120	**100**	20.0	**9.52**	

Sequoia Analytical

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Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

Conventional Chemistry Parameters by APHA/EPA Methods/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: 9120848	**Date Prepared: 12/27/99**					**Extraction Method: General Preparation**				
Blank	**9120848-BLK1**									
Total Alkalinity	12/27/99			**ND**	mg/l	**5.00**				
LCS	**9120848-BS1**									
Total Alkalinity	12/27/99	100		103	mg/l	80.0-120	103			
Matrix Spike	**9120848-MS1**		**M912772-04**							
Total Alkalinity	12/27/99	100	26.3	123	mg/l	75.0-125	**96.7**			
Matrix Spike Dup	**9120848-MSD1**		**M912772-04**							
Total Alkalinity	12/27/99	100	26.3	123	mg/l	75.0-125	**96.7**	20.0	**0**	

Sequoia Analytical

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Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

Anions by EPA Method 300.0/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: 9120835	**Date Prepared: 12/23/99**					**Extraction Method: General Preparation**				
Blank	**9120835-BLK1**									
Nitrate as N	12/23/99			**ND**	mg/l	**0.226**				
Sulfate as SO4	"			**ND**	"	**0.500**				
LCS	**9120835-BS1**									
Nitrate as N	12/23/99	2.26		2.23	mg/l	80.0-120	98.7			
Sulfate as SO4	"	10.0		9.73	"	80.0-120	97.3			
Batch: 9120866	**Date Prepared: 12/28/99**					**Extraction Method: General Preparation**				
Blank	**9120866-BLK1**									
Nitrate as N	12/28/99			**ND**	mg/l	**0.226**				
LCS	**9120866-BS1**									
Nitrate as N	12/28/99	2.26		2.18	mg/l	80.0-120	96.5			
Matrix Spike	**9120866-MS1**		**M912835-01**							
Nitrate as N	12/28/99	226	82.7	321	mg/l	75.0-125	**105**			D
Matrix Spike Dup	**9120866-MSD1**		**M912835-01**							
Nitrate as N	12/28/99	226	82.7	321	mg/l	75.0-125	**105**	20.0	**0**	D

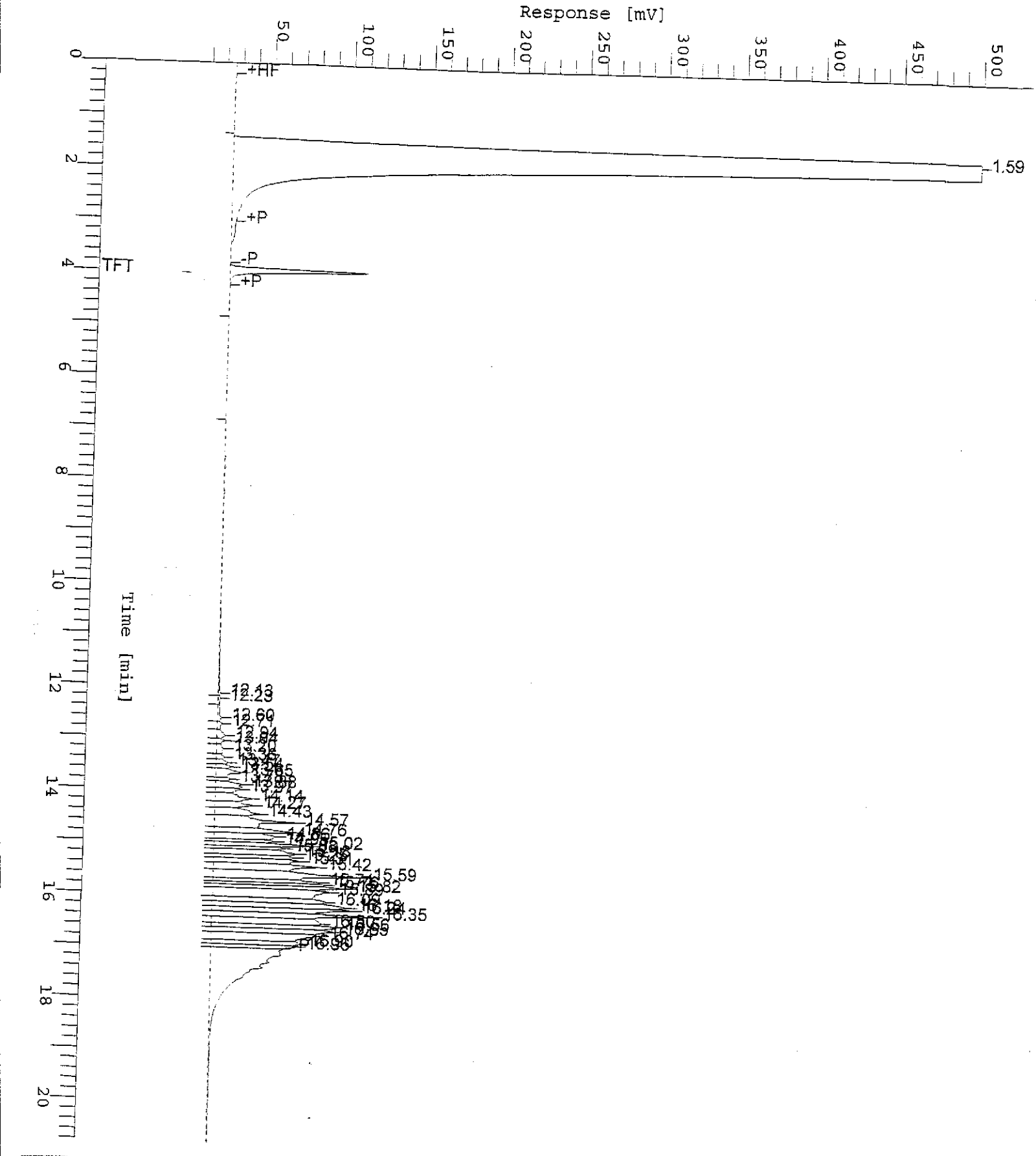
Chromatogram

Sample Name : M912850-01RE
FileName : S:\GHP_30\0109\103A010.raw
Method : TPH
Start Time : 0.00 min
Scale Factor: -1.0

End Time : 20.82 min
Plot Offset: 0 mV

Sample #: MW-1
Date : 1/3/00 13:53
Time of Injection: 1/3/00 13:32
Low Point : 0.10 mV
Plot Scale: 500.0 mV

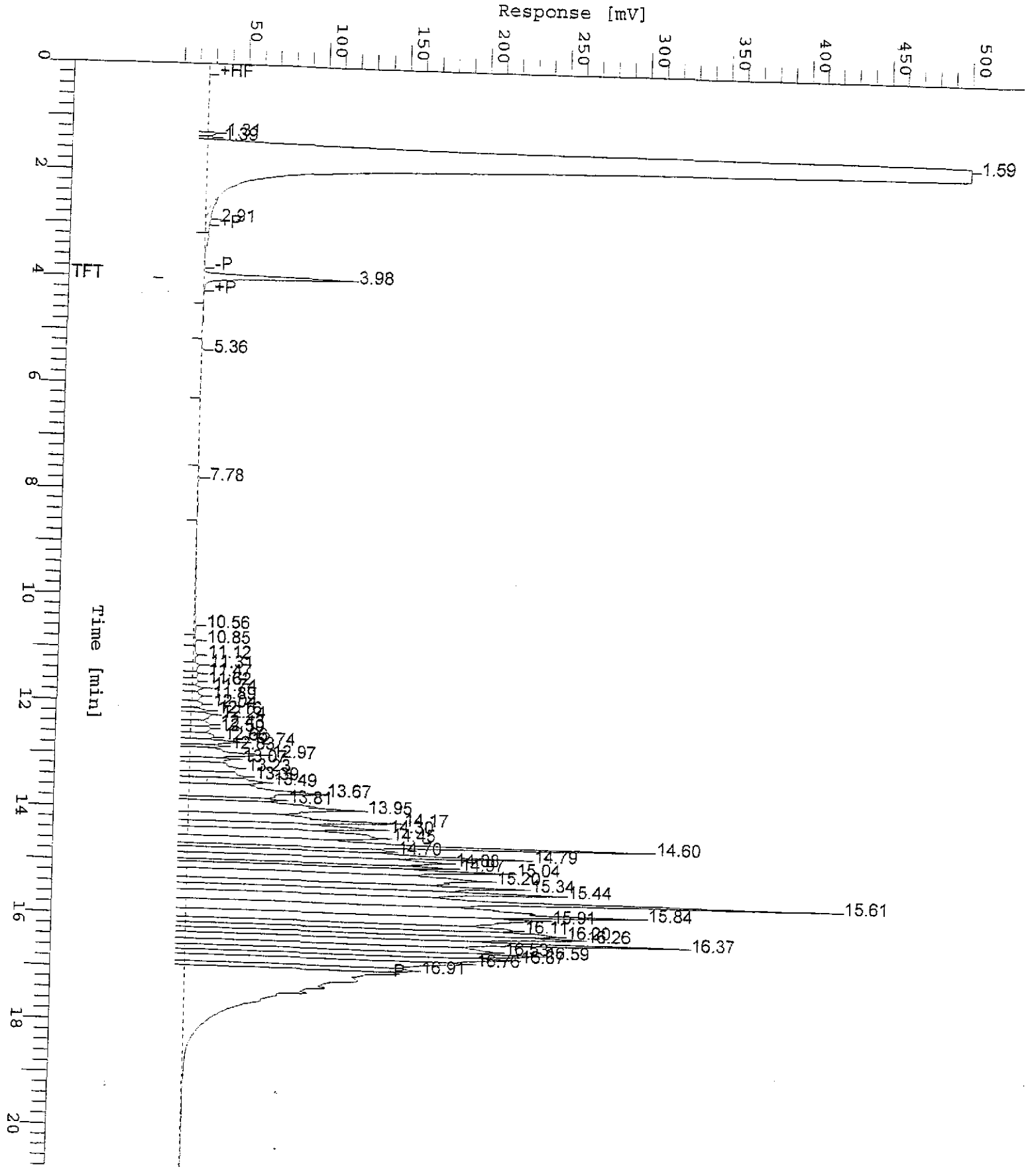
High Point : 500.10 mV



Chromatogram

Sample Name : M912850-04RE
FileName : S:\GHP_30\0109\J04A011.raw
Method : TPH
Start Time : 0.00 min
Scale Factor: -1.0
End Time : 20.82 min
Plot Offset: 1 mV

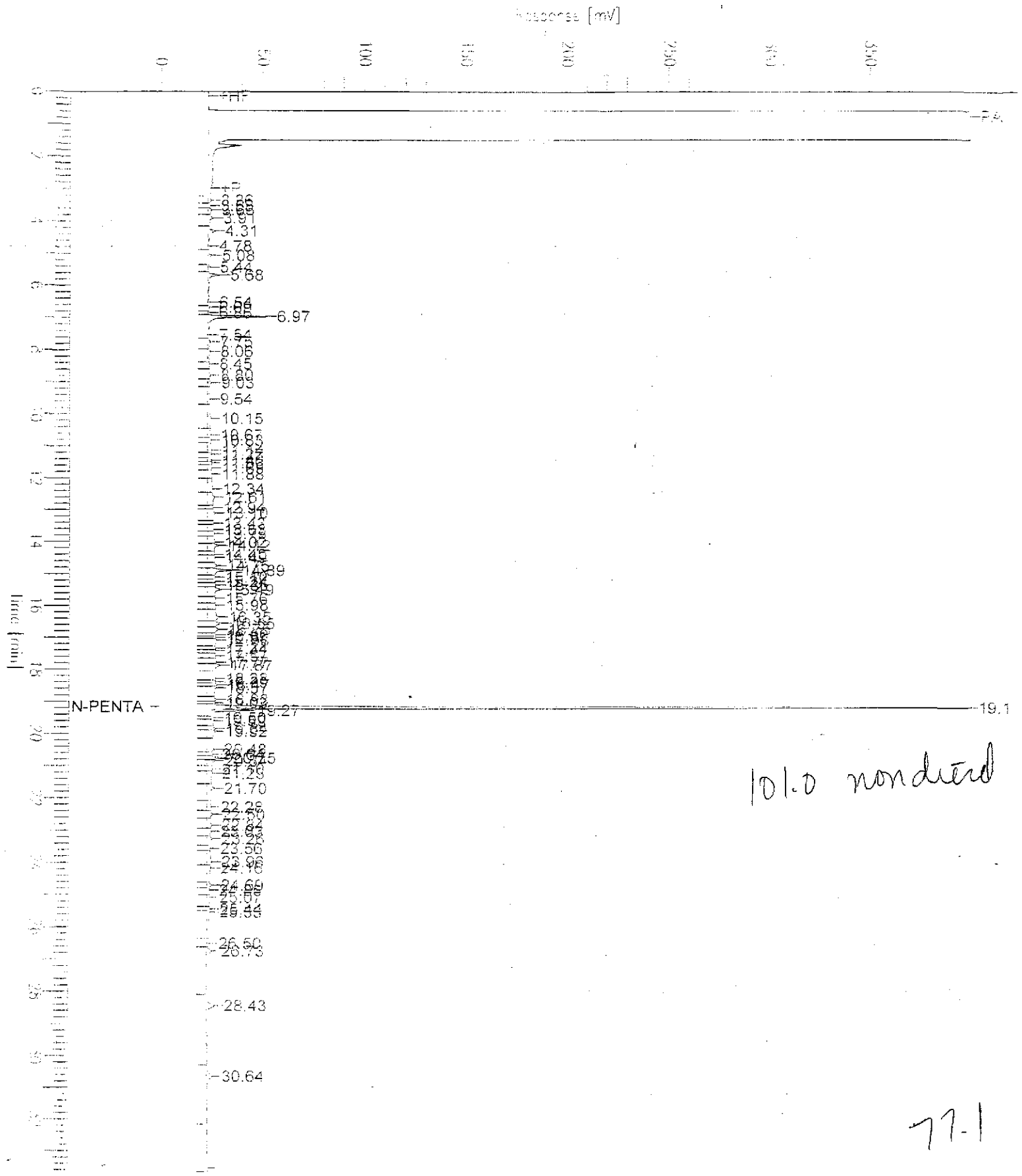
Sample #: MW-8
Date : 1/4/00 18:26
Time of Injection: 1/4/00 18:05
Low Point : 0.51 mV
Plot Scale: 500.0 mV
High Point : 500.51 mV



Chromatogram

Sample Name : M912850-08 (500:1)
FileName : C:\DATA\GHP_05\0109\106A016.raw
Method : TPH05A
Start Time : 0.00 min End Time : 33.65 min
Scale Factor: 0.0 Plot Offset: 0 mV

Sample #: MW-14 Page 1 of 1
Date : 1/7/00 06:15 AM
Time of Injection: 1/7/00 01:48 AM
Low Point : 0.00 mV High Point : 400.00 mV
Plot Scale: 400.0 mV



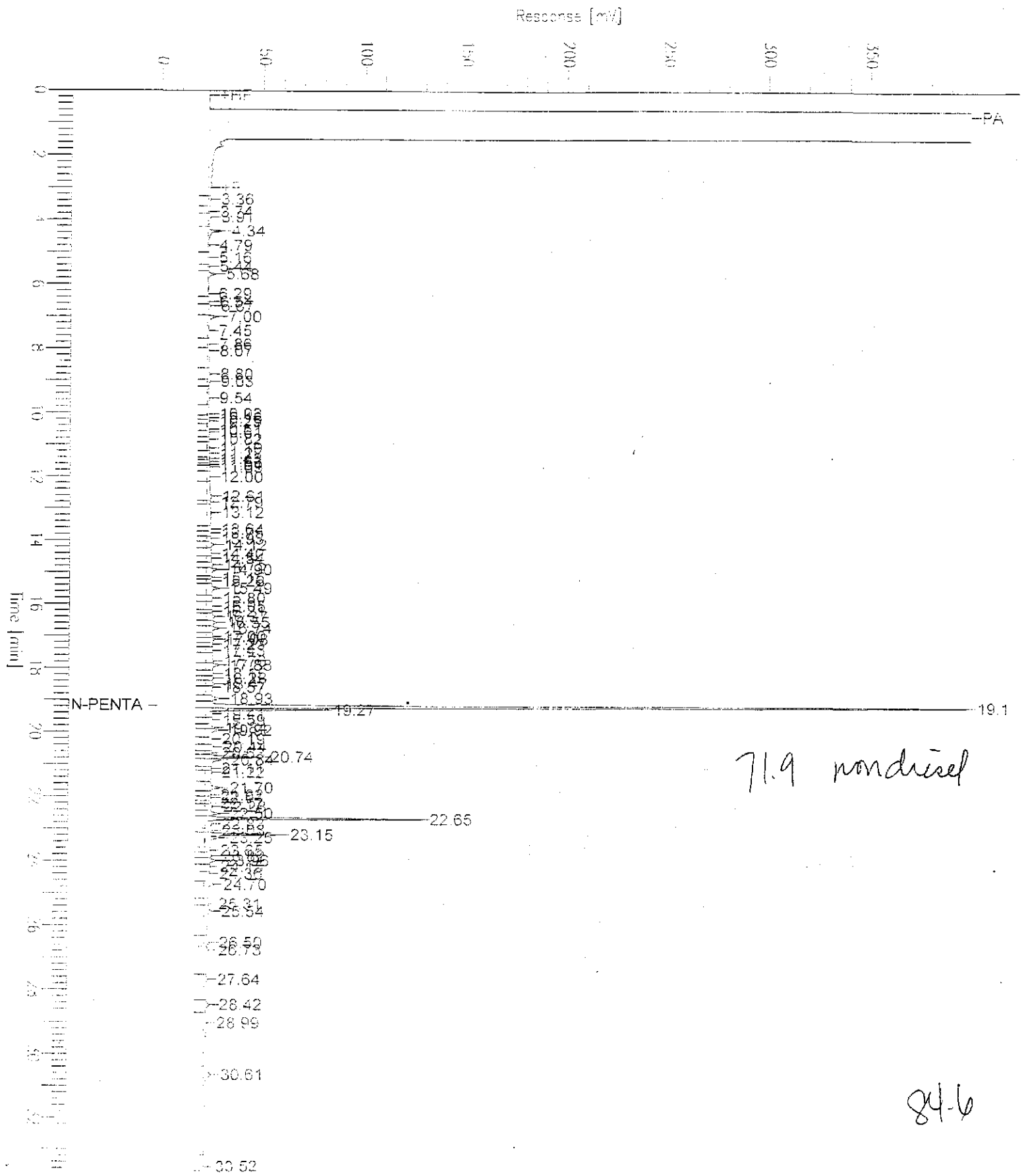
10.0 rounded

77-1

Chromatogram

Sample Name : M912850-07 (500:1)
FileName : C:\DATA\GHP_05\0109\106A013.raw
Method : TPH05A
Start Time : 0.00 min End Time : 33.65 min
Scale Factor: 0.0 Plot Offset: 0 mV

Sample #: MW-11 Page 1 of 1
Date : 1/7/00 12:20 AM
Time of Injection: 1/6/00 11:45 PM
Low Point : 0.00 mV High Point : 400.00 mV
Plot Scale: 400.0 mV



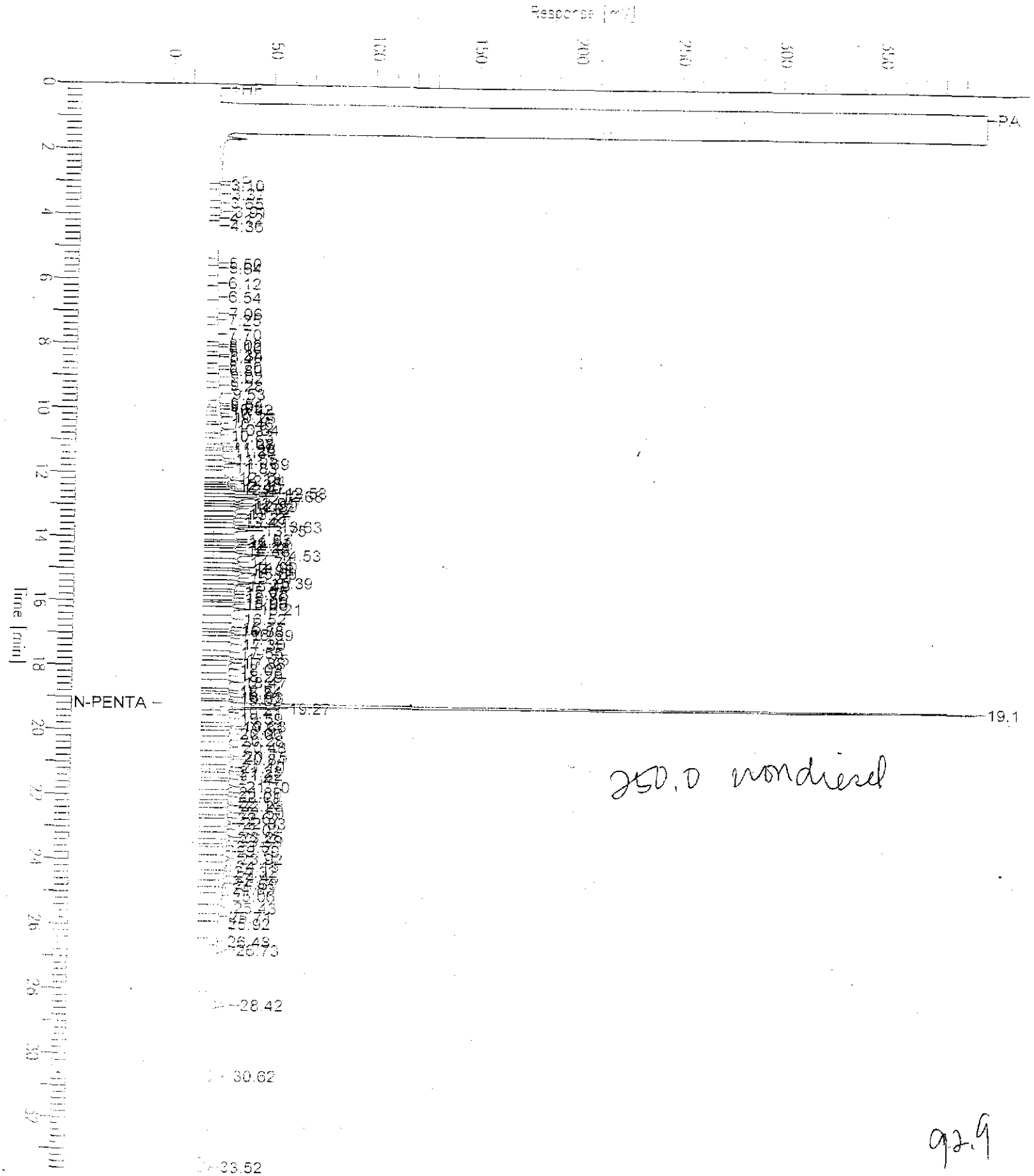
71.9 nondiesel

84-b

Chromatogram

Sample Name : M912850-06 (500:1)
FileName : C:\DATA\GHP_05\0109\106A012.raw
Method : TPH05A
Start Time : 0.00 min End Time : 33.65 min
Scale Factor: 0.0 Plot Offset: 0 mV

Sample #: MW-10 Page 1 of 1
Date : 1/6/00 11:40 PM
Time of Injection: 1/6/00 11:05 PM
Low Point : 0.00 mV High Point : 400.00 mV
Plot Scale: 400.0 mV



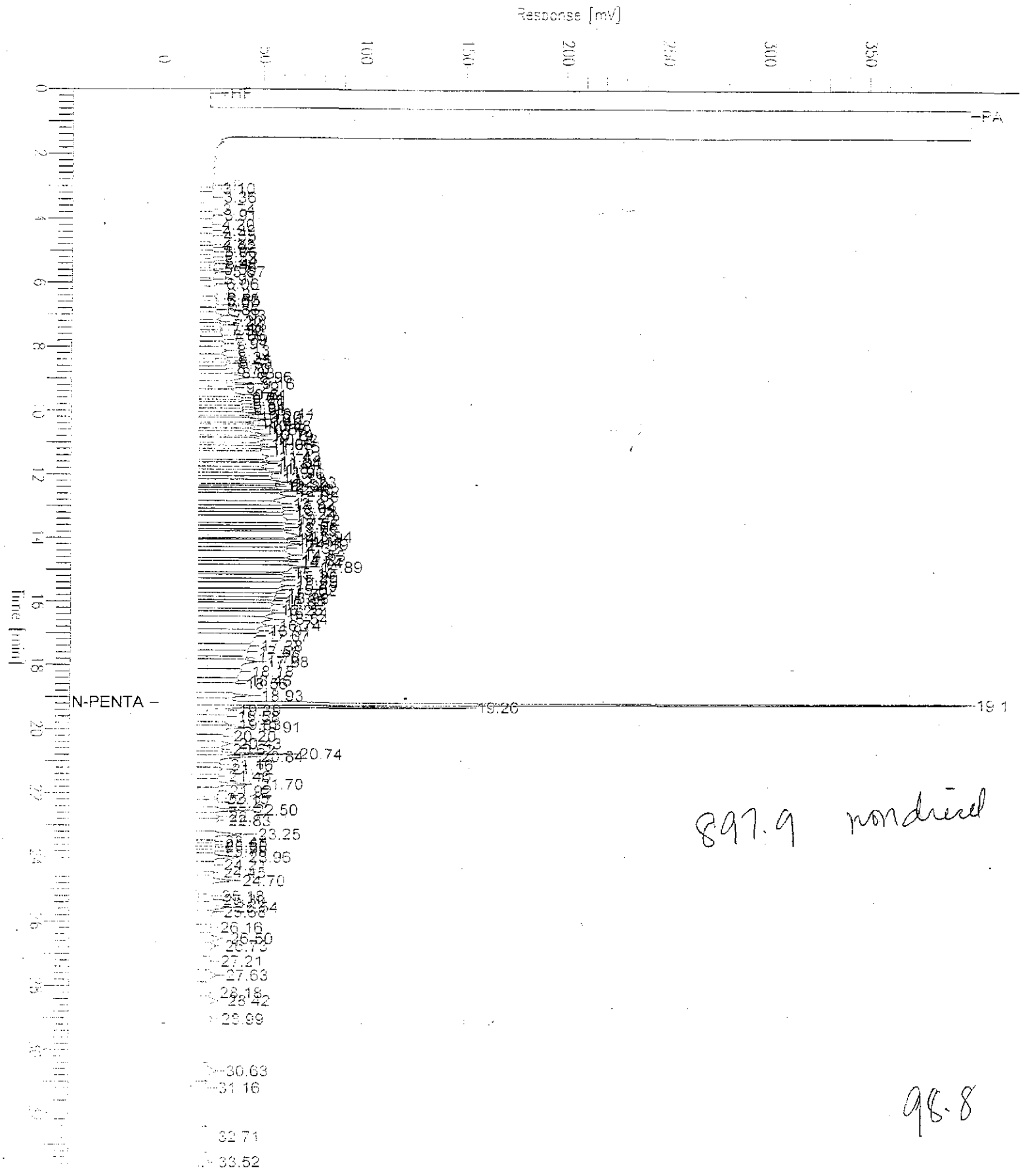
250.0 modified

92.9

Chromatogram

Sample Name : M912850-05 (500:1)
FileName : C:\DATA\GHP_05\0109\106A011.raw
Method : TPH05A
Start Time : 0.00 min End Time : 33.65 min
Scale Factor: 0.0 Plot Offset: 0 mV

Sample #: MW-9 Page 1 of 1
Date : 1/6/00 10:59 PM
Time of Injection: 1/6/00 10:24 PM
Low Point : 0.00 mV High Point : 400.00 mV
Plot Scale: 400.0 mV



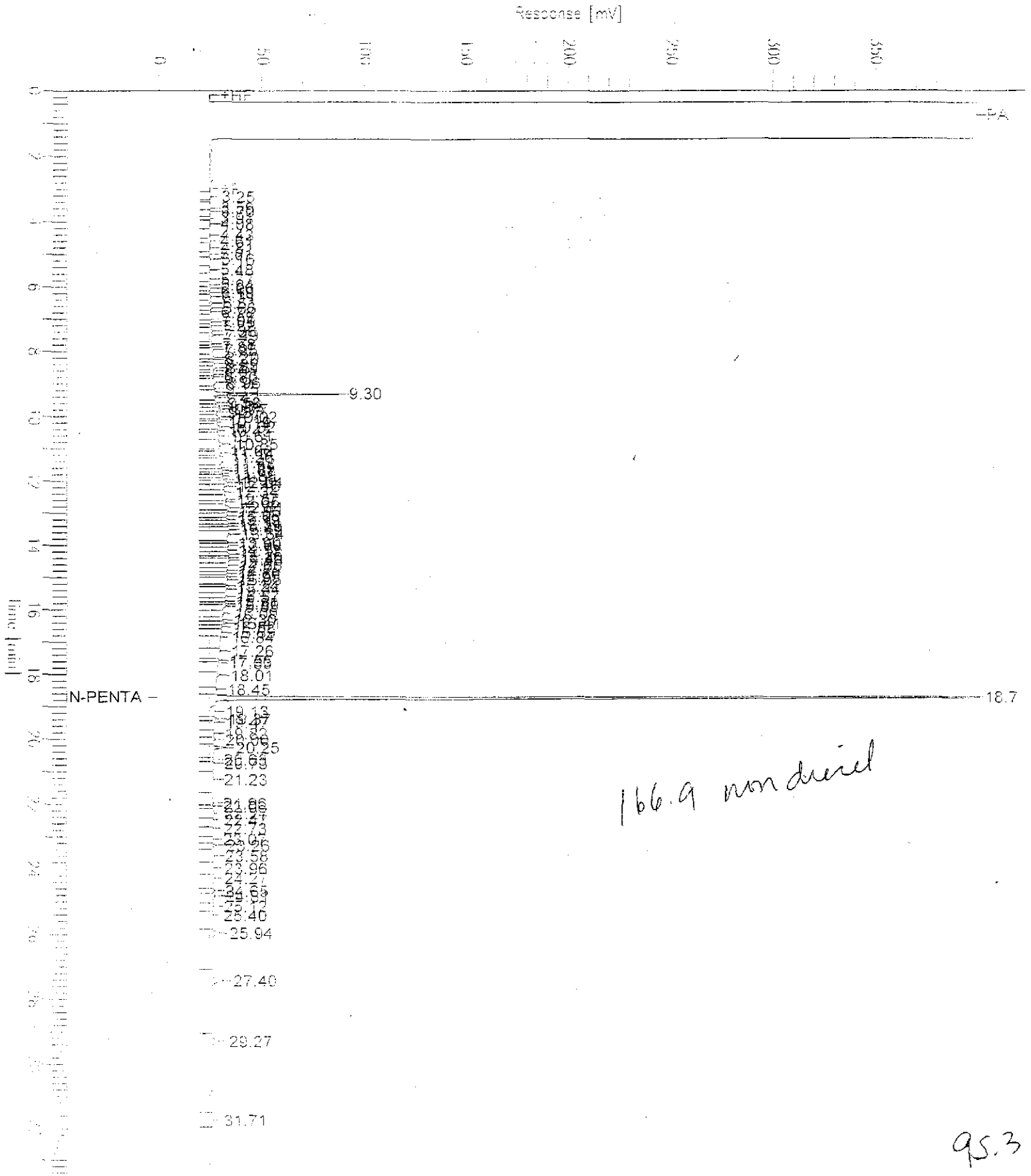
897.9 nondried

96.8

Chromatogram

Sample Name : M912850-03 (500:1)
FileName : C:\DATA\GHP_04\0109\106A011.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 09:09 PM
Time of Injection: 1/6/00 08:34 PM
Low Point : 0.00 mV High Point : 400.00 mV
Plot Scale: 400.0 mV



166.9 non dried

95.3

Sequoia Analytical

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Blaine Tech Services (Chev)	Project:	Chevron 206142 (333 23rd Ave., Oakland)	Sampled: 12/22/99
1680 Rogers Avenue	Project Number:	991222-X1	Received: 12/23/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/7/00

Notes and Definitions

#	Note
D	Data reported from a dilution.
1	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
2	Chromatogram Pattern: Weathered Diesel C9-C24
3	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
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 206142 Facility Address 333 23rd Ave., Oakland Consultant Project Number 991222-X1 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) Bob Cochran (Phone) (925) 842-9655 Laboratory Name Sequoia Laboratory Service Order 9144488 Laboratory Service Code ZZ02790 Samples collected by (Name) Kevin Garlin Signature [signature]	

State Method: ☐ CA ☐ OR ☐ WA ☐ NW Series ☐ CO ☐ UT

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water 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 M912850 Lab Sample No.
mw-1	5	w	Ø	12/22/99 14:14	X		X																
mw-5	↓	↓	↓	10:40	↓		↓																
mw-7	↓		↓	13:24																			
mw-8	4		4	13:50																			
mw-9	5		Ø	13:03																			
mw-10	↓		↓	12:40																			
mw-11				11:09																			
mw-14	↓		↓	12:00			↓																
TB	2	↓			↓																		

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
[signature]	BTS	12/22/99 9:30	[signature]	[signature]	12-23 5:33	
[signature]						
			Received For Laboratory By (Signature)			

Turn Around Time (Circle One)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

COC-3.DWG/07-98/ICH

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

Chain-of-Custody-Record

M911850

Chevron Products Co.
P.O. BOX 6004
San Ramon, CA 94583
FAX (925)842-8370

Chevron Facility Number 206142
Facility Address 333 23rd Ave., Oakland
Consultant Project Number ~~990~~ 991222-X1
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) Bob Cochran
(Phone) (925) 842-9655
Laboratory Name Sequoia
Laboratory Service Order 9144488
Laboratory Service Code ZZ02790
Samples collected by (Name) Kevin Carlin
Signature

State Method: ☐ CA ☐ OR ☐ WA ☐ NW Series ☐ CO ☐ Other

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	Ferrous Iron	Nitrate as Nitrogen	Alkalinity	Sulfate	Remarks	Lab Sample No.
MW-1	3	W		12/22/99 14:14														X	X	X	X		
MW-5				10:40																			
MW-7				13:24																			
MW-8				13:50																			
MW-9				13:03																			
MW-10				12:40																			
MW-11				11:09																			
MW-14				12:00																			

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
	BTS	12-23-99 9:30			12/22 5:37	
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
					12/23/99 11:42	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N

Turn Around Time (Circle One)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

COC-3.DWG/07-98/HCH

Field Data Sheets

WELL GAUGING DATA

Project # 991222-X1 Date 12-22-99 Client Chevron

Site Chevron 206142
333 23RD AVE.
OAKLAND

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-1	4					8.55	19.00		
MW-4		Unable to locate well							
MW-5	4					9.12	19.90		
MW-7	4					9.27	18.84		
MW-8	4					9.05	15.67		
MW-9	4					8.59	19.75		
MW-10	4					9.44	18.58		
MW-11	2					9.13	20.45		
MW-14	2					7.55	19.65		

CHEVRON WELL MONITORING DATA SHEET

Project #: 991222-X1	Station #: 2016412
Sampler: K.C.	Date: 12-22-99
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.00	Depth to Water: 8.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / Disposable Bailer X / Extraction Port / Other: ___

(6.7) 1 Case Volume (Gals.) X 3 Specified Volumes = 20.1 Gals. Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:05	64.6	7.9	1947	7	
14:06	64.1	7.7	1890	14	
1407	64.0	7.5	1873	21	

Did well dewater? Yes (No) Gallons actually evacuated: 21.0

Sampling Time: 14:14 Sampling Date: 12-22-99

Sample I.D.: MW-1 Laboratory: Sequoia (CORE) N. Creek Assoc. Labs

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

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

D.O. (if req'd): Pre-purge: 1.0 mg/L Post-purge: mg/L

O.R.P. (if req'd): Pre-purge: 99 mV Post-purge: mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 991222-X1	Station #: 206142
Sampler: K.C.	Date: 12-22-99
Well I.D.: MW-4	Well Diameter: 2 3 4 6 8 ___
Total Well Depth:	Depth to Water:
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ______

Sampling Method: Bailer / Disposable Bailer X / Extraction Port / Other: ______

______ X 3 = ______ Gals.
1 Case Volume (Gals.) — Specified Volumes — Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
		Unable to locate Well			
		Need Metal detector			

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

Sampling Time: Sampling Date: 12-22-99

Sample I.D.: MW- Laboratory: Sequoia (CORE) N. Creek Assoc. Labs

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: Bio - Parameters

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 #: 991222-X1	Station #: 2016112
Sampler: H.C.	Date: 12-22-99
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 19.90	Depth to Water: 9.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible
- Extraction Pump
- Other: ___

Sampling Method:
- Bailer
- Disposable Bailer X
- Extraction Port
- Other: ___

7.0 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 21 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:30	61.4	7.2	4927	7.0	
10:31	65.9	7.1	4581	14.0	
10:32	67.4	7.0	5021	21.0	

Did well dewater? Yes (No)		Gallons actually evacuated: 21.0	
Sampling Time: 1040		Sampling Date: 12-22-99	
Sample I.D.: MW-5		Laboratory: Sequoia (CORE) N. Creek Assoc. Labs	
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)		Other: Bio-Parameters	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd):	Pre-purge: 1.6 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: 116 mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 991222-X1	Station #: 206 1412
Sampler: K.C.	Date: 12-22-99
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 18.89	Depth to Water: 9.27
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method:
- Bailer
- Disposable Bailer
- Middleburg
- Electric Submersible X
- Extraction Pump
- Other: ____

Sampling Method:
- Bailer
- Disposable Bailer X
- Extraction Port
- Other: ____

1 Case Volume (Gals.)	X Specified Volumes	= Calculated Volume
6.2	3	18.6 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:15	66.2	8.2	1866	6	
13:16	65.8	8.5	1848	12	
13:17	66.0	8.5	1854	19	

Did well dewater? Yes (No) Gallons actually evacuated: 19

Sampling Time: 13:24 Sampling Date: 12-22-99

Sample I.D.: MW-7 Laboratory: Sequoia (CORE) N. Creek Assoc. Labs

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

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

D.O. (if req'd):	Pre-purge:	1.8	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	107	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 991222-X1	Station #: 2016112
Sampler: K.C.	Date: 12-22-99
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 18.58	Depth to Water: 9.44
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / Disposable Bailer X / Extraction Port / Other: ____

5.9	X	3	=	17.7 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12:20	69.3	7.2	2487	6	
12:31	69.1	7.3	2996	12	
12:32	69.1	7.2	2125	18	

Did well dewater? Yes (No)		Gallons actually evacuated: 18	
Sampling Time: 12:40		Sampling Date: 12-22-99	
Sample I.D.: MW-10		Laboratory: Sequoia (CORE) N. Creek Assoc. Labs	
Analyzed for: ~~TPH-G~~ BTEX MTBE ~~TPH-D~~		Other: 12 Oxygenates	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd):	Pre-purge: 1.2 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: 133 mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 991222-X1	Station #: 206142
Sampler: H.C.	Date: 12-22-99
Well I.D.: MW-11	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.45	Depth to Water: 9.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

Purge Method: Bailer / Disposable Bailer X / Middleburg / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / Disposable Bailer X / Extraction Port / Other: ____

1.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 5.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:55	61.8	7.2	3239	2.0	
10:58	61.9	7.2	3389	4.0	
11:01	62.1	7.2	3397	5.5	

Did well dewater?	Yes (No)	Gallons actually evacuated:	5.5
Sampling Time:	11:09	Sampling Date:	12-22-99
Sample I.D.:	MW-11	Laboratory:	Sequoia (CORE) N. Creek Assoc. Labs
Analyzed for:	TPH-G BTEX MTBE TPH-D	Other:	BIC - Parameters
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd):	Pre-purge: 1.2 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: 128 mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 991222-X1	Station #: 2116412
Sampler: K.C.	Date: 12-22-99
Well I.D.: MW-14	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.65	Depth to Water: 7.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius^2 * 0.163

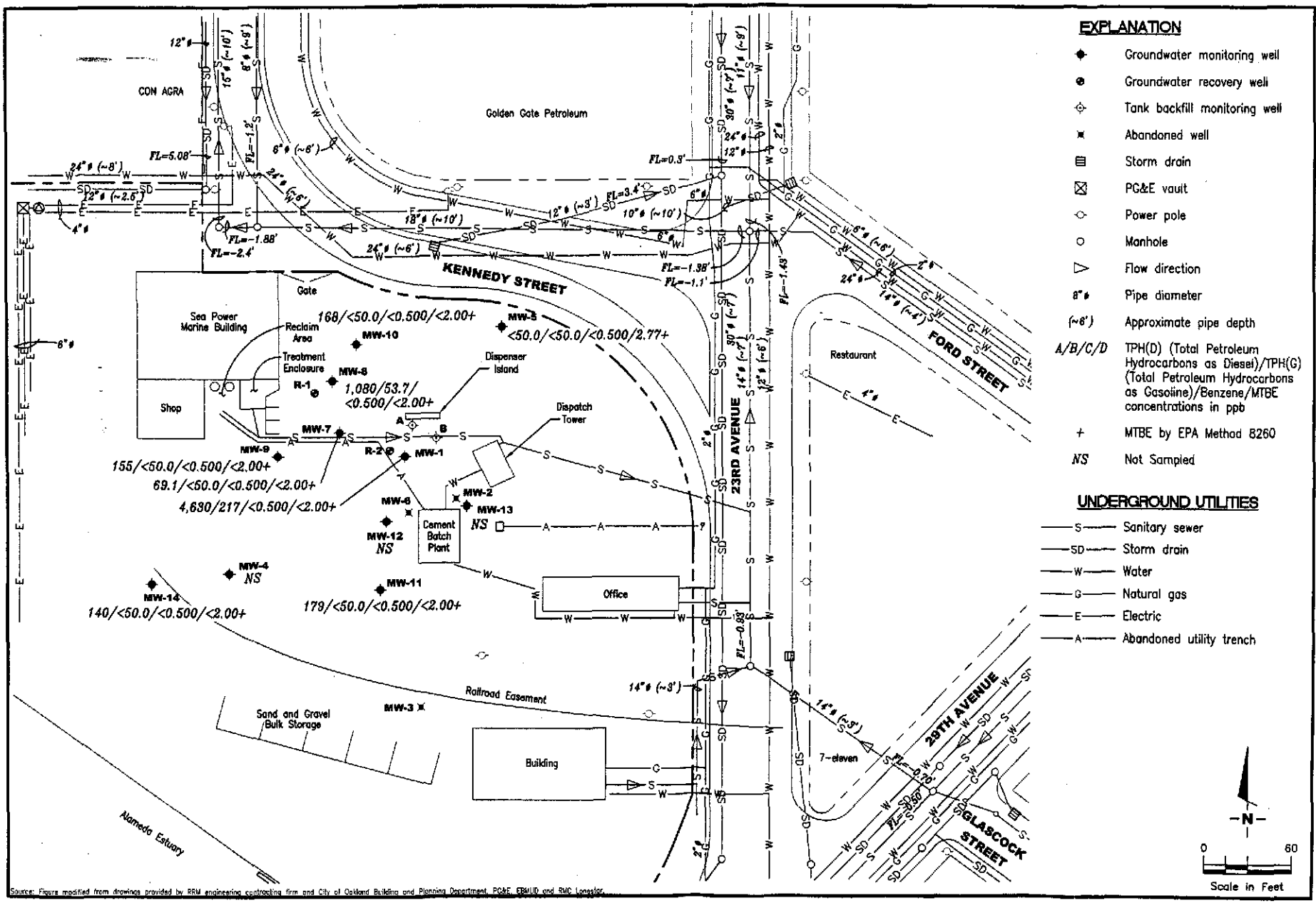
Purge Method: Bailer / Disposable Bailer (X) / Middleburg / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / Disposable Bailer (X) / Extraction Port / Other: ____

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
1.9	X	3	=	5.7 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
11:45	66.0	7.8	1247	2.0	
11:48	64.9	7.7	1182	4.0	
11:51	64.0	7.7	1164	6.0	

Did well dewater? Yes (No)		Gallons actually evacuated: 6.0	
Sampling Time: 12:00		Sampling Date: 12-22-99	
Sample I.D.: MW-14		Laboratory: Sequoia (CORE) N. Creek Assoc. Labs	
Analyzed for: (TPH-G) (BTEX) MTBE (TPH-D)		Other: Bio-Parameters	
Duplicate I.D.:		Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
D.O. (if req'd):	Pre-purge: 1.7 mg/L	Post-purge:	mg/L
ORP (if req'd):	Pre-purge: 104 mV	Post-purge:	mV



Source: Figure modified from drawings provided by RRM engineering contracting firm and City of Oakland Building and Planning Department, PG&E, EBMUD and RMC Lonestar.

EXPLANATION

- Groundwater monitoring well
- Groundwater recovery well
- Tank backfill monitoring well
- Abandoned well
- Storm drain
- PG&E vault
- Power pole
- Manhole
- Flow direction
- 8"ϕ — Pipe diameter
- (~8') — Approximate pipe depth
- A/B/C/D — TPH(D) (Total Petroleum Hydrocarbons as Diesel)/TPH(G) (Total Petroleum Hydrocarbons as Gasoline)/Benzene/MTBE concentrations in ppb
- \+ — MTBE by EPA Method 8260
- NS — Not Sampled

UNDERGROUND UTILITIES

- S — Sanitary sewer
- SD — Storm drain
- W — Water
- G — Natural gas
- E — Electric
- A — Abandoned utility trench

FIGURE 2

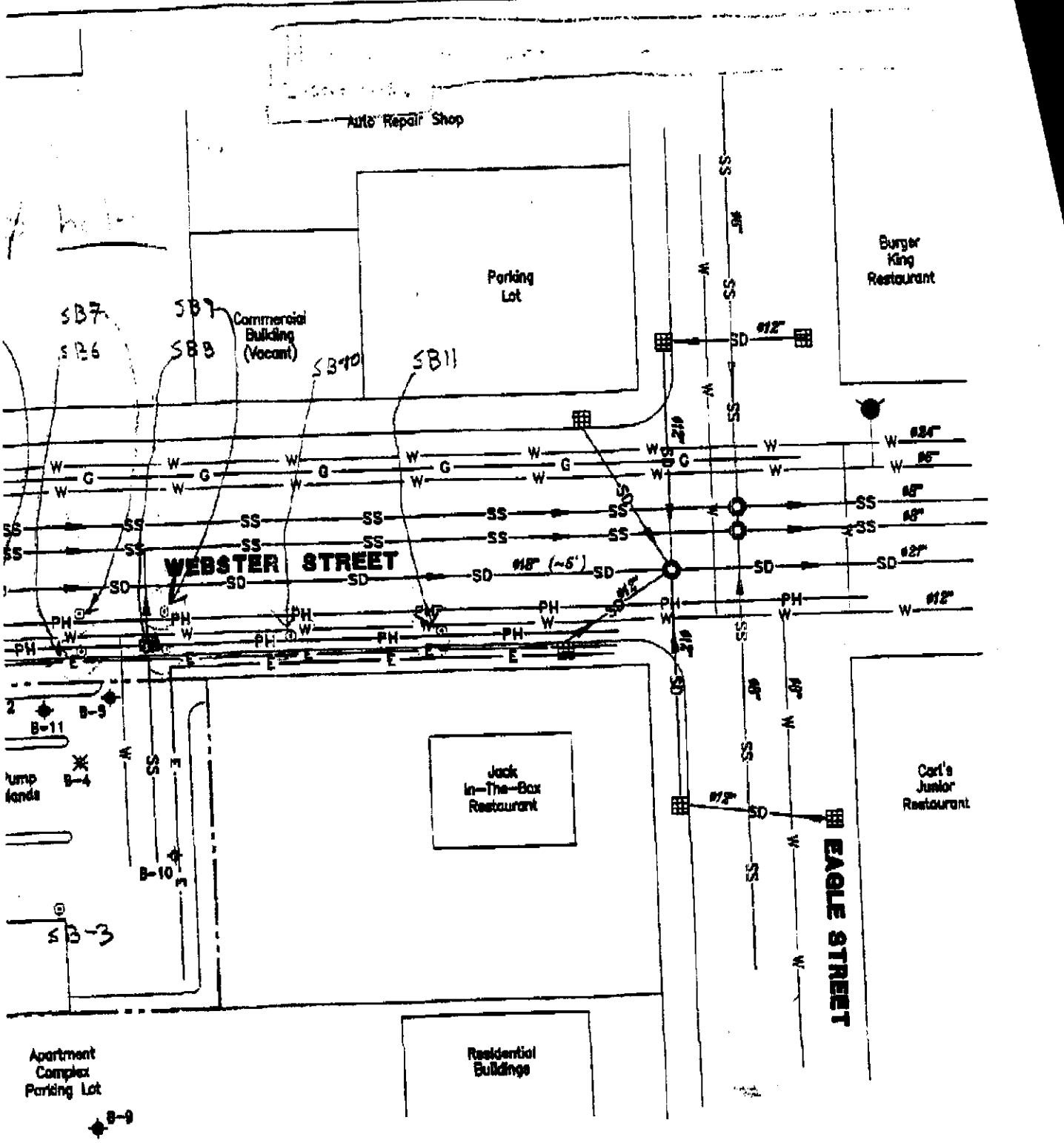
CONCENTRATION MAP
Chevron/RMC Lonestar Facility CPS #20-6142
333 23rd Avenue
Oakland, California

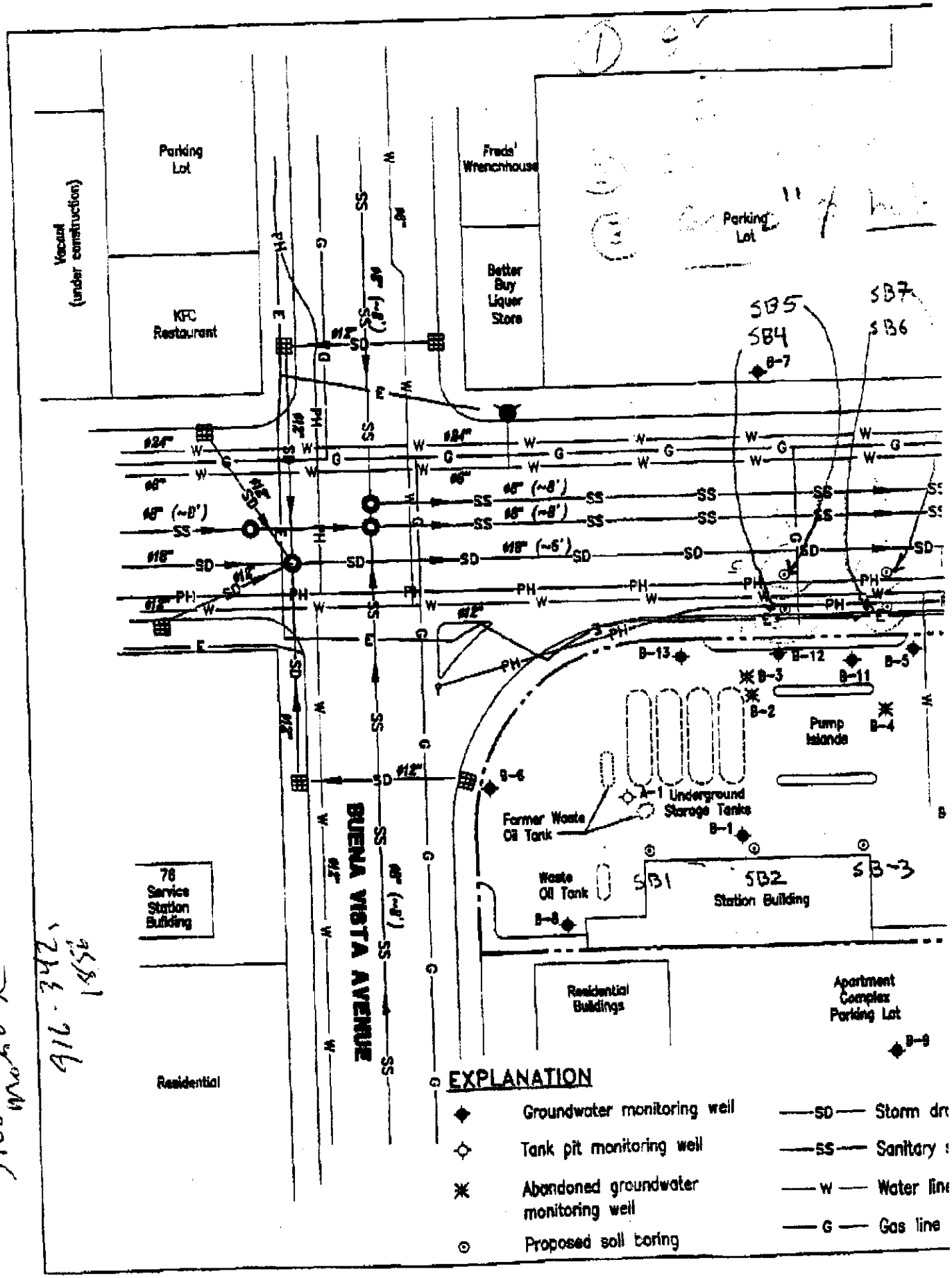
DATE: March 25, 2001
REVISED DATE:

GETTLER-RYAN INC.
6747 Sierra Ct., Suite J
Dublin, CA 94568
(925) 551-7555

PROJECT NUMBER: 346338
REVIEWED BY:

FILE NAME: P:\ENVIRO\CHEVRON\20-6142\A00-20-6142.DWG | Layout Tab: Con 3-01


Auto Repair Shop
Parking Lot
Burger King Restaurant
Commercial Building (Vacant)
SB7
SB6
SB8
SB10
SB11
WEBSTER STREET
#18" (~5')
#12"
#24"
#8"
#27"
B-11
B-9
B-4
B-10
SB-3
Jack In-The-Box Restaurant
Carl's Junior Restaurant
EAGLE STREET
Apartment Complex Parking Lot
Residential Buildings
B-9
SD — Storm drain line
SS — Sanitary sewer line
W — Water line
G — Gas line
E — Electric line
PH — Telephone line
Flow direction
#6" Line diameter in inches
(~6') Approximate line depth in feet
Manhole
Catch basin
Fire hydrant
Scale in F


Parking Lot
Vacant (under construction)
KFC Restaurant
Freds' Wrenchhouse
Better Buy Liquor Store
Parking Lot
SB5
SB4
SB7
SB6
B-7
B-13
B-12
B-5
B-3
B-11
B-2
B-4
Pump Islands
B-6
A-1
Underground Storage Tanks
Former Waste Oil Tank
B-1
Waste Oil Tank
SB1
SB2
Station Building
SB-3
B-8
76 Service Station Building
BUENA VISTA AVENUE
Residential Buildings
Apartment Complex Parking Lot
B-9
Residential
EXPLANATION
Groundwater monitoring well
Tank pit monitoring well
Abandoned groundwater monitoring well
Proposed soil boring
SD Storm dr
SS Sanitary
W Water lin
G Gas line