

ENVIRONMENTAL
PROTECTION

00 MAY -1 PM 4: 51



Chevron

*By next dmr, set of dfr site mtl
have been installed. Was
scheduled for Feb 2000*

Chevron U.S.A. Products Company
6001 Edinger Canyon Rd, Bldg. L
P. O. Box 2004
San Ramon, CA 94583-2804

Site Assessment and
Remediation Group
Phone (510) 842-2500
Fax (510) 842-3370

Date: 4-28-00
To: Distribution
Re: Groundwater Monitoring Report, 9-4800

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

BLAINE
TECH SERVICES, INC.



1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
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CONTRACTOR'S LICENSE #746684
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April 28, 2000

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

1st Quarter 2000 Monitoring at 9-4800

First Quarter 2000 Groundwater Monitoring at
Chevron Service Station Number 9-4800
1700 Castro St.
Oakland, CA

Monitoring Performed on March 9, 2000

Groundwater Sampling Report 000309-S-2

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,



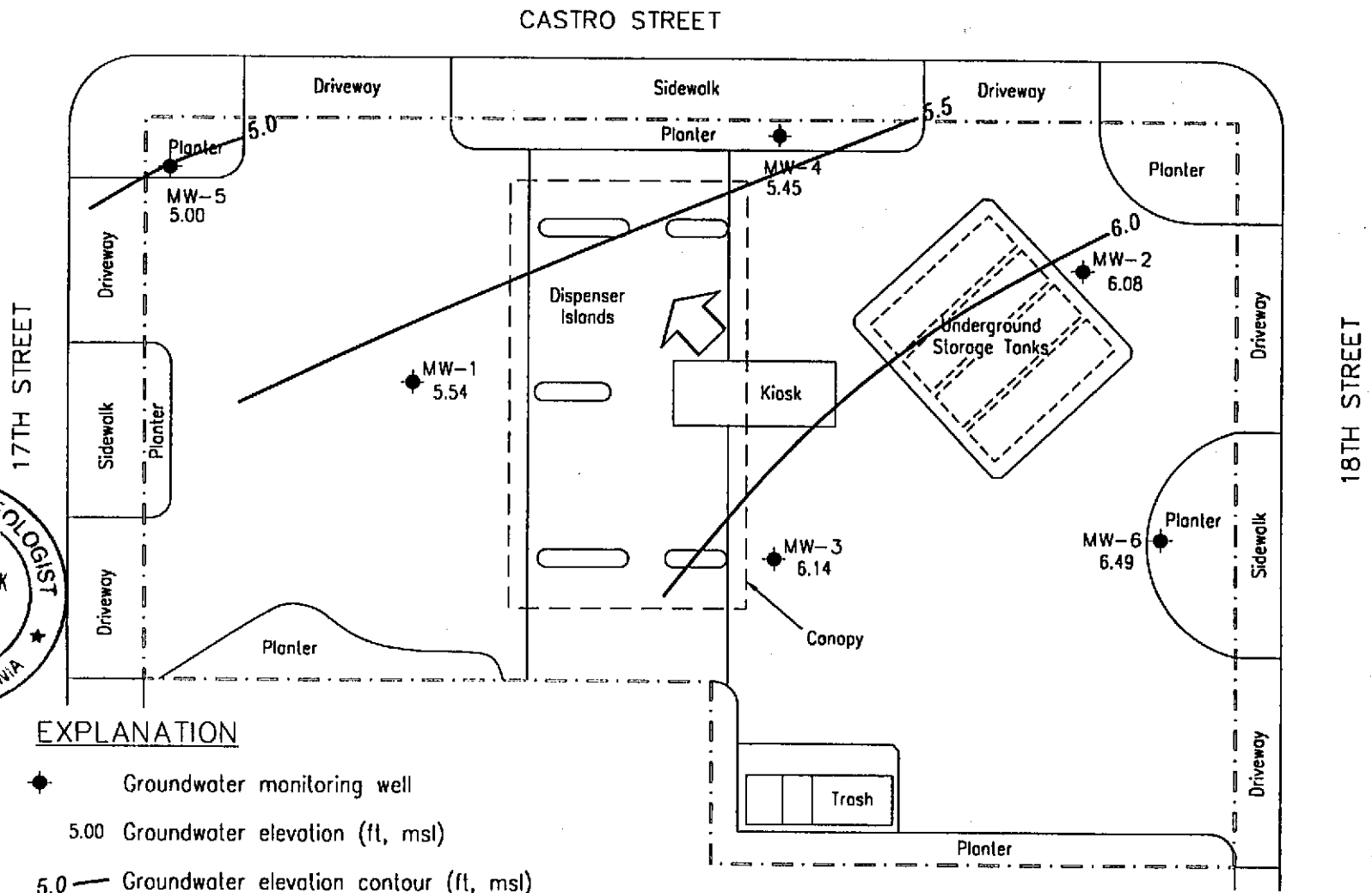
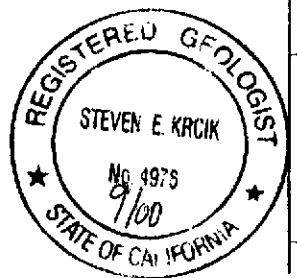
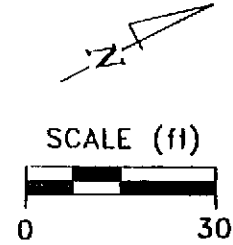
Scott Boor
Project Coordinator

SDB/pb

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

cc: ~~Eva Chu, Alameda County Health Care Services~~
Greg Gurss, Gettler-Ryan, Inc.

Professional Engineering Appendix



EXPLANATION

- ◆ Groundwater monitoring well
- 5.00 Groundwater elevation (ft, msl)
- 5.0 — Groundwater elevation contour (ft, msl)
- ↘ Approximate groundwater flow direction;
Approximate gradient = 0.007

Ref. 4800-qm.dwg
Base map from Geltner-Ryan, Inc.

PREPARED BY

Chevron Station 9-4800
1700 Castro Street
Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP,
MARCH 9, 2000

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											
06/04/97	30.75	4.39	25.82	--	890	100	110	29	150	<10	71*
09/16/97	30.75	4.85	25.90	--	1600	210	210	60	250	<10	75*
12/17/97	30.75	4.88	25.87	--	940	120	100	41	160	<25	65*
03/18/98	30.75	5.90	24.85	--	530	91	39	22	65	6.8	77*
06/28/98	30.75	5.92	24.83	--	1100	220	140	37	120	14	140*
09/07/98	30.75	5.56	25.19	--	1700	530	86	84	240	49	280*
12/09/98	30.75	5.10	25.65	--	1700	240	130	100	270	32	240*
03/11/99	30.75	5.30	25.45	--	353	53.9	28.6	20.5	56.1	14.1	98*
06/17/99	30.75	5.39	25.36	--	810	270	150	95	340	15	217*
09/29/99	30.75	5.13	25.62	--	659	76	49.7	35.1	118	12.6	153*
12/14/99	30.75	5.07	25.68	--	2760	287	199	139	502	<12.5	188**
03/09/00	30.75	5.54	25.21	***	1590	238	94.9	72.2	247	22.3	166*
MW-2											
06/04/97	30.00	5.13	24.87	--	13,000	790	30	420	1700	4000	4000*
09/16/97	30.00	5.06	24.94	--	4000	360	9.7	210	460	1500	2200*
12/17/97	30.00	5.18	24.82	--	4100	380	<10	200	460	2100	2100*
03/18/98	30.00	6.43	23.57	--	8400	1800	<50	350	630	13,000	3700*
06/28/98	30.00	6.21	23.79	EPA 8260	9300	740	340	710	2300	3800	4400*
09/07/98	30.00	5.78	24.22	--	9900	1000	150	640	1800	4500	3100*
09/07/98	30.00	5.78	24.22	Confirmation run	--	--	--	--	--	4100	--
12/09/98	30.00	5.31	24.69	--	8500	860	74	610	960	2600	1900*
12/09/98	30.00	5.31	24.69	Confirmation run	--	--	--	--	--	2600	--
03/11/99	30.00	5.79	24.21	--	12,500	1520	42.2	645	2250	3400	2700*
03/11/99	30.00	5.79	24.21	Confirmation run	--	--	--	--	--	5050	--
06/17/99	30.00	5.69	24.31	--	27,000	2200	260	1500	5900	4700	7150*
09/29/99	30.00	5.45	24.55	--	6910	582	11.1	491	1170	1970	3030*
12/14/99	30.00	5.39	24.61	--	4230	282	12.3	284	690	631	615**
03/09/00	30.00	6.08	23.92	***	15300	1110	39.4	1040	3030	2470	3300*

* Chromatogram pattern indicates an unidentified hydrocarbon.

** Sample was extracted outside EPA recommended holding time.

*** TPH-Gasoline, Benzene, Toluene, Ethyl Benzene, Xylene and MTBE was analyzed outside EPA recommended holding time.

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-3											
06/04/97	31.32	5.27	26.05	--	190	26	20	1.5	16	8.2	<50
09/16/97	31.32	5.17	26.15	--	270	58	53	6.1	30	21	<50
12/17/97	31.32	5.22	26.10	--	290	50	54	8.1	37	21	<50
03/18/98	31.32	6.42	24.90	--	390	140	33	4.6	30	94	<50
06/28/98	31.32	6.39	24.93	--	290	90	11	1.6	13	150	<50
09/07/98	31.32	5.97	25.35	--	170	46	20	4.3	19	120	<50
12/09/98	31.32	5.41	25.91	--	660	120	93	22	72	150	55*
03/11/99	31.32	5.85	25.47	--	653	136	69.5	13.7	63.8	144	<50
06/17/99	31.32	5.90	25.42	--	530	190	110	24	88	210	103*
09/29/99	31.32	5.61	25.71	--	433	97.8	61.4	16.9	56.6	156	232*
12/14/99	31.32	5.55	25.77	--	8650	1040	795	212	800	995	<50***
03/09/00	31.32	6.14	25.18	****	1170	304	103	25.2	114	539	74.6*
MW-4											
04/08/99	30.13	--	--	**	130	3.1	<0.5	<0.5	7.7	4700	--
06/17/99	30.13	5.19	24.94	--	590	58	<5.0	<5.0	160	6200	3780*
09/29/99	30.13	4.96	25.17	--	692	10.7	<2.5	5.51	236	7840	1130*
12/14/99	30.13	4.91	25.22	--	625	<10	3.83	<10	94.6	4470	571*/***
03/09/00	30.13	5.45	24.68	****	402	3.76	1.18	<0.5	71.4	3140	600*
MW-5											
04/08/99	30.93	--	--	**	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<50
06/17/99	30.93	4.93	26.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	53.8*
09/29/99	30.93	4.73	26.20	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<50
12/14/99	30.93	4.61	26.32	--	<50	<0.5	<0.5	<0.5	<0.5	0.598	<50***
03/09/00	30.93	5.00	25.93	****	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<50

* Chromatogram pattern indicates an unidentified hydrocarbon.

** See Table of Additional Analyses.

*** Sample was extracted outside EPA recommended holding time.

**** TPH-Gasoline, Benzene, Toluene, Ethyl Benzene, Xylene and MTBE was analyzed outside EPA recommended holding time.

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-6											
04/08/99	30.58	--	--	**	<50	<0.5	<0.5	<0.5	<0.5	4.5	--
06/17/99	30.58	5.99	24.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<50
09/29/99	30.58	5.81	24.77	--	<50	<0.5	<0.5	<0.5	<0.5	4.46	<50
12/14/99	30.58	5.74	24.84	--	<50	<0.5	<0.5	<0.5	<0.5	4.13	<50***
03/09/00	30.58	6.49	24.09	****	<50	<0.5	<0.5	<0.5	<0.5	2.82	<50
TRIP BLANK											
06/04/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/16/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/17/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/18/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/09/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/11/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/17/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/14/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/09/00	--	--	--	****	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

** See Table of Additional Analyses.

*** Sample was extracted outside EPA recommended holding time.

**** TPH-Gasoline, Benzene, Toluene, Ethyl Benzene, Xylene and MTBE was analyzed outside EPA recommended holding time.

Cumulative Table of Well Data and Analytical Results

ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

DATE	Notes	Ethanol	t-Butanol	MTBE	DIPE	ETBE	TAME
MW-4							
04/08/99	--	<25,000	<5000	5400	<100	<100	<100
MW-5							
04/08/99	--	<500	<100	<2.0	<2.0	<2.0	<2.0
MW-6							
04/08/99	--	<500	<100	5.6	<2.0	<2.0	<2.0

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on December 9, 1998. Earlier field data and analytical results are drawn from the September 7, 1998, Gettler-Ryan, Inc. report. Earlier analytical results for MW-4, MW-5, MW-6 are drawn from the Gettler-Ryan sampling on April 8, 1999. Site resurveyed by Virgil Chavez Land Surveying on June 18, 1999.

ABBREVIATIONS:

DIPE = Di-Isopropyl Ether
 ETBE = Ethyl t-Butyl Ether
 TAME = t-Amyl Methyl Ether
 TPH = Total Petroleum Hydrocarbons
 MTBE = Methyl-tert-butyl ether

Analytical Appendix



Sequoia Analytical

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

March 30, 2000

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

RE: Chevron 9-4800/MJC0417

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on March 10, 2000. 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 9-4800 (1700 Castro St., Oakland) Project Number: 000309-S2 Project Manager: Scott Boor	Sampled: 3/9/00 Received: 3/10/00 Reported: 3/30/00 09:22
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ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	MJC0417-01	Water	3/9/00
MW-2	MJC0417-02	Water	3/9/00
MW-3	MJC0417-03	Water	3/9/00
MW-4	MJC0417-04	Water	3/9/00
MW-5	MJC0417-05	Water	3/9/00
MW-6	MJC0417-06	Water	3/9/00
TB	MJC0417-07	Water	3/9/00


Wendy Bonnes, Project Manager



Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-4800 (1700 Castro St., Oakland) Project Number: 000309-S2 Project Manager: Scott Boor	Sampled: 3/9/00 Received: 3/10/00 Reported: 3/30/00 09:22
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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		MJC0417-01				Water		
Purgeable Hydrocarbons	0C24002	3/24/00	3/24/00	DHS LUFT	250	1590	ug/l	H-04,P-01
Benzene	"	"	"	DHS LUFT	2.50	238	"	H-04
Toluene	"	"	"	DHS LUFT	2.50	94.9	"	H-04
Ethylbenzene	"	"	"	DHS LUFT	2.50	72.2	"	H-04
Xylenes (total)	"	"	"	DHS LUFT	2.50	247	"	H-04
Methyl tert-butyl ether	"	"	"	DHS LUFT	12.5	22.3	"	H-04
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		75.2	%	H-04
MW-2		MJC0417-02				Water		
Purgeable Hydrocarbons	0C24003	3/24/00	3/24/00	DHS LUFT	2500	15300	ug/l	H-02 P-01
Benzene	"	"	"	DHS LUFT	25.0	1110	"	
Toluene	"	"	"	DHS LUFT	25.0	39.4	"	
Ethylbenzene	"	"	"	DHS LUFT	25.0	1040	"	
Xylenes (total)	"	"	"	DHS LUFT	25.0	3030	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	125	2470	"	
Surrogate: <i>o,a,a</i> -Trifluorotoluene	"	"	"	70-130		91.4	%	
MW-3		MJC0417-03				Water		
Purgeable Hydrocarbons	0C27003	3/27/00	3/27/00	DHS LUFT	250	1170	ug/l	H-04 P-01
Benzene	"	"	"	DHS LUFT	2.50	304	"	
Toluene	"	"	"	DHS LUFT	2.50	103	"	
Ethylbenzene	"	"	"	DHS LUFT	2.50	25.2	"	
Xylenes (total)	"	"	"	DHS LUFT	2.50	114	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	12.5	539	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		94.2	%	
MW-4		MJC0417-04				Water		
Purgeable Hydrocarbons	0C24004	3/24/00	3/24/00	DHS LUFT	50.0	402	ug/l	H-02 P-01
Benzene	"	"	"	DHS LUFT	0.500	3.76	"	
Toluene	"	"	"	DHS LUFT	0.500	1.18	"	
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	
Xylenes (total)	"	"	"	DHS LUFT	0.500	71.4	"	
Methyl tert-butyl ether	"	"	"	DHS LUFT	100	3140	"	M-03
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	70-130		113	%	
MW-5		MJC0417-05				Water		
Purgeable Hydrocarbons	0C24004	3/24/00	3/24/00	DHS LUFT	50.0	ND	ug/l	H-02
Benzene	"	"	"	DHS LUFT	0.500	ND	"	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-4800 (1700 Castro St., Oakland) Project Number: 000309-S2 Project Manager: Scott Boor	Sampled: 3/9/00 Received: 3/10/00 Reported: 3/30/00 09:22
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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-5 (continued)				MJC0417-05			Water	H-02
Toluene	0C24004	3/24/00	3/24/00	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	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		89.8	%	
MW-6				MJC0417-06			Water	
Purgeable Hydrocarbons	0C24002	3/24/00	3/24/00	DHS LUFT	50.0	ND	ug/l	H-04
Benzene	"	"	"	DHS LUFT	0.500	ND	"	H-04
Toluene	"	"	"	DHS LUFT	0.500	ND	"	H-04
Ethylbenzene	"	"	"	DHS LUFT	0.500	ND	"	H-04
Xylenes (total)	"	"	"	DHS LUFT	0.500	ND	"	H-04
Methyl tert-butyl ether	"	"	"	DHS LUFT	2.50	2.82	"	H-04
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		85.6	%	H-04
TB				MJC0417-07			Water	H-02
Purgeable Hydrocarbons	0C24004	3/24/00	3/24/00	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	"	"	"	DHS LUFT	2.50	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70-130		85.3	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-4800 (1700 Castro St., Oakland) Project Number: 000309-S2 Project Manager: Scott Boor	Sampled: 3/9/00 Received: 3/10/00 Reported: 3/30/00 09:22
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**Diesel Hydrocarbons (C9-C24) by DHS LUFT
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-1				MJC0417-01			Water	
Diesel Range Hydrocarbons	0C20017	3/20/00	3/24/00	DHS LUFT	0.0500	0.166	mg/l	D-15
Surrogate: n-Pentacosane	"	"	"	50-150		97.4	%	
MW-2				MJC0417-02			Water	
Diesel Range Hydrocarbons	0C20017	3/20/00	3/24/00	DHS LUFT	0.0500	3.30	mg/l	D-15
Surrogate: n-Pentacosane	"	"	"	50-150		96.8	%	
MW-3				MJC0417-03			Water	
Diesel Range Hydrocarbons	0C20017	3/20/00	3/24/00	DHS LUFT	0.0500	0.0746	mg/l	D-15
Surrogate: n-Pentacosane	"	"	"	50-150		99.2	%	
MW-4				MJC0417-04			Water	
Diesel Range Hydrocarbons	0C20017	3/20/00	3/24/00	DHS LUFT	0.0500	0.600	mg/l	D-15
Surrogate: n-Pentacosane	"	"	"	50-150		105	%	
MW-5				MJC0417-05			Water	
Diesel Range Hydrocarbons	0C20017	3/20/00	3/24/00	DHS LUFT	0.0500	ND	mg/l	
Surrogate: n-Pentacosane	"	"	"	50-150		101	%	
MW-6				MJC0417-06			Water	
Diesel Range Hydrocarbons	0C20017	3/20/00	3/24/00	DHS LUFT	0.0500	ND	mg/l	
Surrogate: n-Pentacosane	"	"	"	50-150		97.6	%	



Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-4800 (1700 Castro St., Oakland) Project Number: 000309-S2 Project Manager: Scott Boor	Sampled: 3/9/00 Received: 3/10/00 Reported: 3/30/00 09:22
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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. %	RPD Limit	RPD %	Notes*
Batch: 0C24002			Date Prepared: 3/24/00			Extraction Method: EPA 5030B [P/T]				
Blank			0C24002-BLK1							
Purgeable Hydrocarbons	3/24/00			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		8.98	"	70-130	89.8			
LCS			0C24002-BS1							
Benzene	3/24/00	10.0		10.6	ug/l	70-130	106			
Toluene	"	10.0		9.27	"	70-130	92.7			
Ethylbenzene	"	10.0		8.75	"	70-130	87.5			
Xylenes (total)	"	30.0		26.3	"	70-130	87.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.47	"	70-130	94.7			
LCS Dup			0C24002-BSD1							
Benzene	3/25/00	10.0		10.6	ug/l	70-130	106	25	0	
Toluene	"	10.0		9.14	"	70-130	91.4	25	1.41	
Ethylbenzene	"	10.0		8.40	"	70-130	84.0	25	4.08	
Xylenes (total)	"	30.0		26.2	"	70-130	87.3	25	0.381	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.72	"	70-130	87.2			
Batch: 0C24003			Date Prepared: 3/24/00			Extraction Method: EPA 5030B [P/T]				
Blank			0C24003-BLK1							
Purgeable Hydrocarbons	3/24/00			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		9.90	"	70-130	99.0			
LCS			0C24003-BS1							
Benzene	3/24/00	10.0		9.28	ug/l	70-130	92.8			
Toluene	"	10.0		8.87	"	70-130	88.7			
Ethylbenzene	"	10.0		8.65	"	70-130	86.5			
Xylenes (total)	"	30.0		26.5	"	70-130	88.3			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-4800 (1700 Castro St., Oakland) Project Number: 000309-S2 Project Manager: Scott Boor	Sampled: 3/9/00 Received: 3/10/00 Reported: 3/30/00 09:22
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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. %	RPD Limit	RPD %	Notes*
LCS (continued)		0C24003-BS1								
Surrogate: a,a,a-Trifluorotoluene	3/24/00	10.0		9.84	ug/l	70-130	98.4			
LCS Dup		0C24003-BSD1								
Benzene	3/24/00	10.0		10.3	ug/l	70-130	103	25	10.4	
Toluene	"	10.0		9.39	"	70-130	93.9	25	5.70	
Ethylbenzene	"	10.0		8.96	"	70-130	89.6	25	3.52	
Xylenes (total)	"	30.0		29.1	"	70-130	97.0	25	9.35	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.74	"	70-130	97.4			
Batch: 0C24004		Date Prepared: 3/24/00		Extraction Method: EPA 5030B [P/T]						
Blank		0C24004-BLK1								
Purgeable Hydrocarbons	3/24/00			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		8.90	"	70-130	89.0			
LCS		0C24004-BS1								
Benzene	3/24/00	10.0		9.29	ug/l	70-130	92.9			
Toluene	"	10.0		9.38	"	70-130	93.8			
Ethylbenzene	"	10.0		9.56	"	70-130	95.6			
Xylenes (total)	"	30.0		28.4	"	70-130	94.7			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.45	"	70-130	94.5			
Matrix Spike		0C24004-MS1 MJC0417-05								
Benzene	3/24/00	10.0	ND	10.3	ug/l	60-140	103			
Toluene	"	10.0	ND	10.6	"	60-140	106			
Ethylbenzene	"	10.0	ND	10.2	"	60-140	102			
Xylenes (total)	"	30.0	ND	30.4	"	60-140	101			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.85	"	70-130	98.5			
Matrix Spike Dup		0C24004-MSD1 MJC0417-05								
Benzene	3/24/00	10.0	ND	9.51	ug/l	60-140	95.1	25	7.98	
Toluene	"	10.0	ND	9.89	"	60-140	98.9	25	6.93	
Ethylbenzene	"	10.0	ND	9.57	"	60-140	95.7	25	6.37	
Xylenes (total)	"	30.0	ND	28.1	"	60-140	93.7	25	7.86	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-4800 (1700 Castro St., Oakland) Project Number: 000309-S2 Project Manager: Scott Boor	Sampled: 3/9/00 Received: 3/10/00 Reported: 3/30/00 09:22
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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*
Matrix Spike Dup (continued)										
<u>0C24004-MSD1 MJC0417-05</u>										
Surrogate: a,a,a-Trifluorotoluene	3/24/00	10.0		9.55	ug/l	70-130	95.5			
Batch: 0C27003										
Date Prepared: 3/27/00										
Extraction Method: EPA 5030B [P/T]										
Blank										
<u>0C27003-BLK1</u>										
Purgeable Hydrocarbons	3/27/00			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		9.22	"	70-130	92.2			
LCS										
<u>0C27003-BS1</u>										
Purgeable Hydrocarbons	3/27/00	250		252	ug/l	70-130	101			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.97	"	70-130	99.7			



Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-4800 (1700 Castro St., Oakland) Project Number: 000309-S2 Project Manager: Scott Boor	Sampled: 3/9/00 Received: 3/10/00 Reported: 3/30/00 09:22
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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: 0C20017			Date Prepared: 3/20/00			Extraction Method: EPA 3510B				
Blank			0C20017-BLK1							
Diesel Range Hydrocarbons	3/24/00			ND	mg/l	0.0500				
Surrogate: n-Pentacosane	"	0.100		0.0802	"	50-150	80.2			
LCS			0C20017-BS1							
Diesel Range Hydrocarbons	3/24/00	1.00		0.735	mg/l	60-140	73.5			
Surrogate: n-Pentacosane	"	0.100		0.0880	"	50-150	88.0			
LCS Dup			0C20017-BSD1							
Diesel Range Hydrocarbons	3/24/00	1.00		0.796	mg/l	60-140	79.6	50	7.97	
Surrogate: n-Pentacosane	"	0.100		0.0940	"	50-150	94.0			



Chromatogram

Sample Name : MJC0417-04 (500:1)

FileName : C:\DATA\GHP_05\0326\324A008.raw

Method : TPH05A

Start Time : 0.00 min

Scale Factor: 0.0

End Time : 33.65 min

Plot Offset: 0 mV

Sample #: MW-4

Date : 3/24/00 04:21 PM

Time of Injection: 3/24/00 03:47 PM

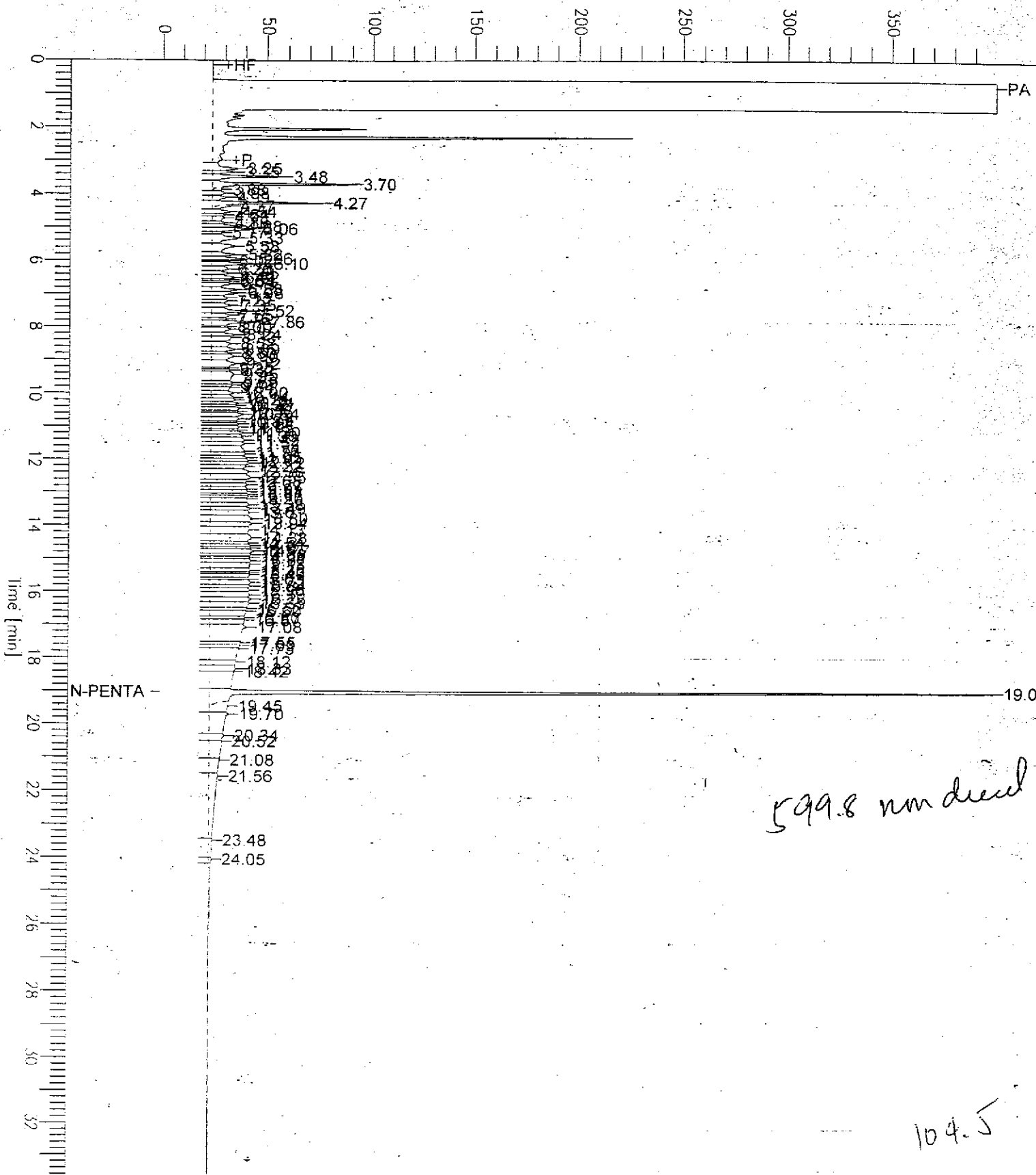
Low Point : 0.00 mV

Plot Scale: 400.0 mV

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High Point : 400.00 mV

Response [mV]



599.8 nm diode

104.5

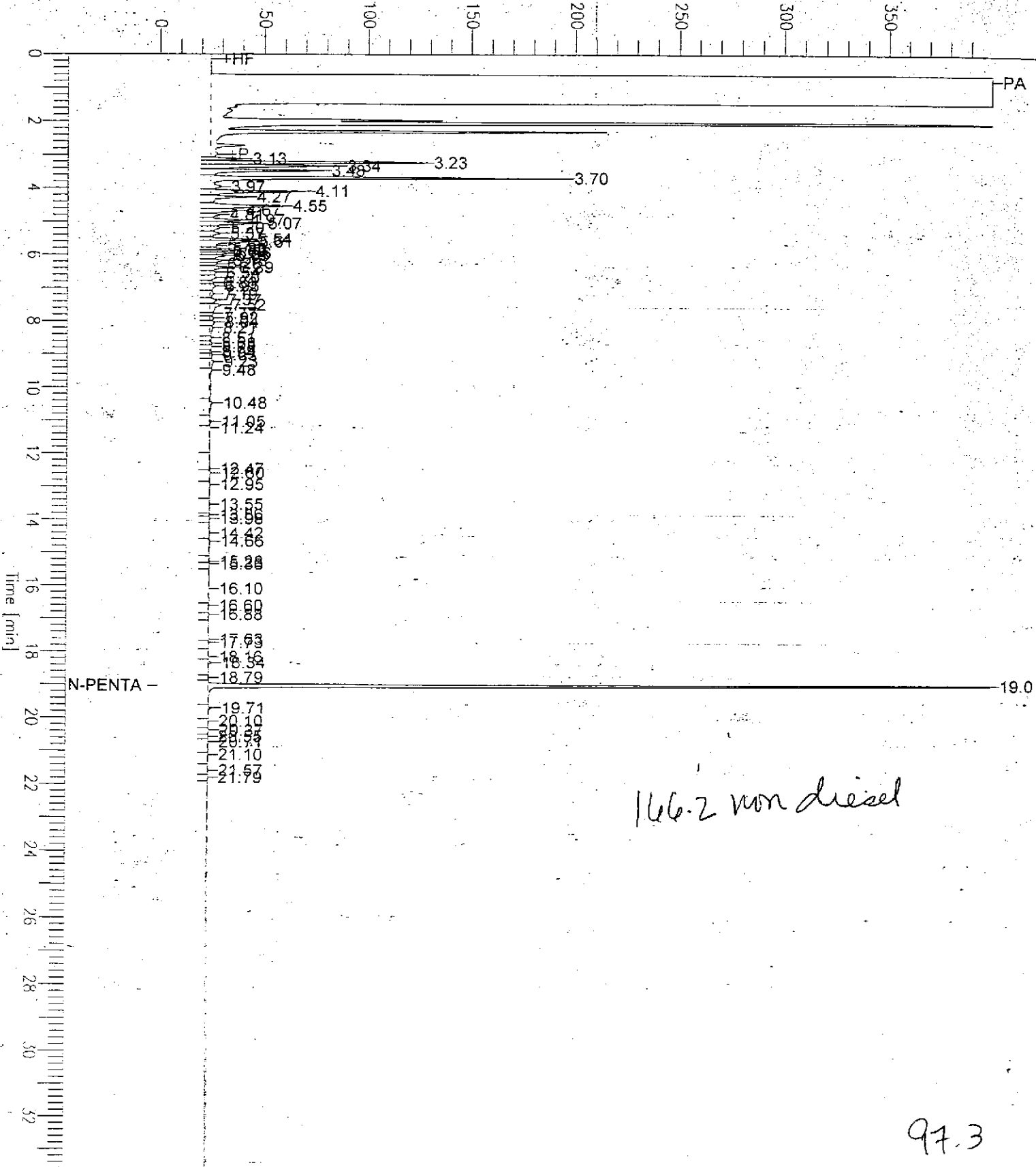
Chromatogram

Sample Name : MJC0417-01 (500:1)
FileName : C:\DATA\GHP_05\0326\324A005.raw
Method : TPH05A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 33.65 min
Plot Offset: 0 mV

Sample #: MW-1
Date : 3/24/00 02:18 PM
Time of Injection: 3/24/00 01:44 PM
Low Point : 0.00 mV
Plot Scale: 400.0 mV
High Point : 400.00 mV

Response [mV]



166.2 von diesel

Chromatogram

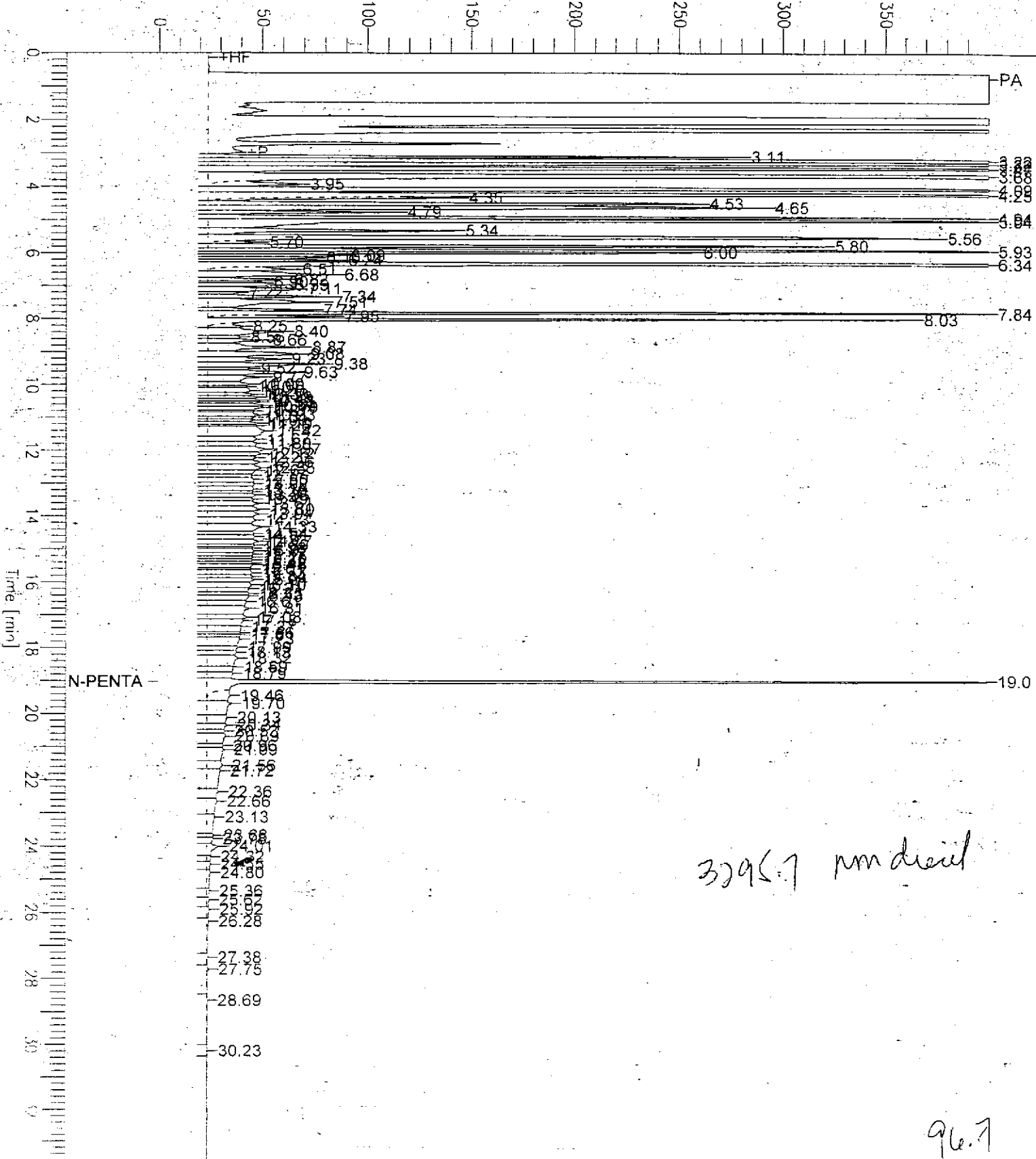
Sample Name : MJC0417-02 (500:1)
FileName : C:\DATA\GHP_05\0326\324A006.raw
Method : TPH05A
Start Time : 0.00 min
Scale Factor: 0.0

End Time : 33.65 min
Plot Offset: 0 mV

Sample #: MW-2
Date : 3/24/00 02:59 PM
Time of Injection: 3/24/00 02:25 PM
Low Point : 0.00 mV
Plot Scale: 400.0 mV
High Point : 400.00 mV

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Response [mV]



Chromatogram

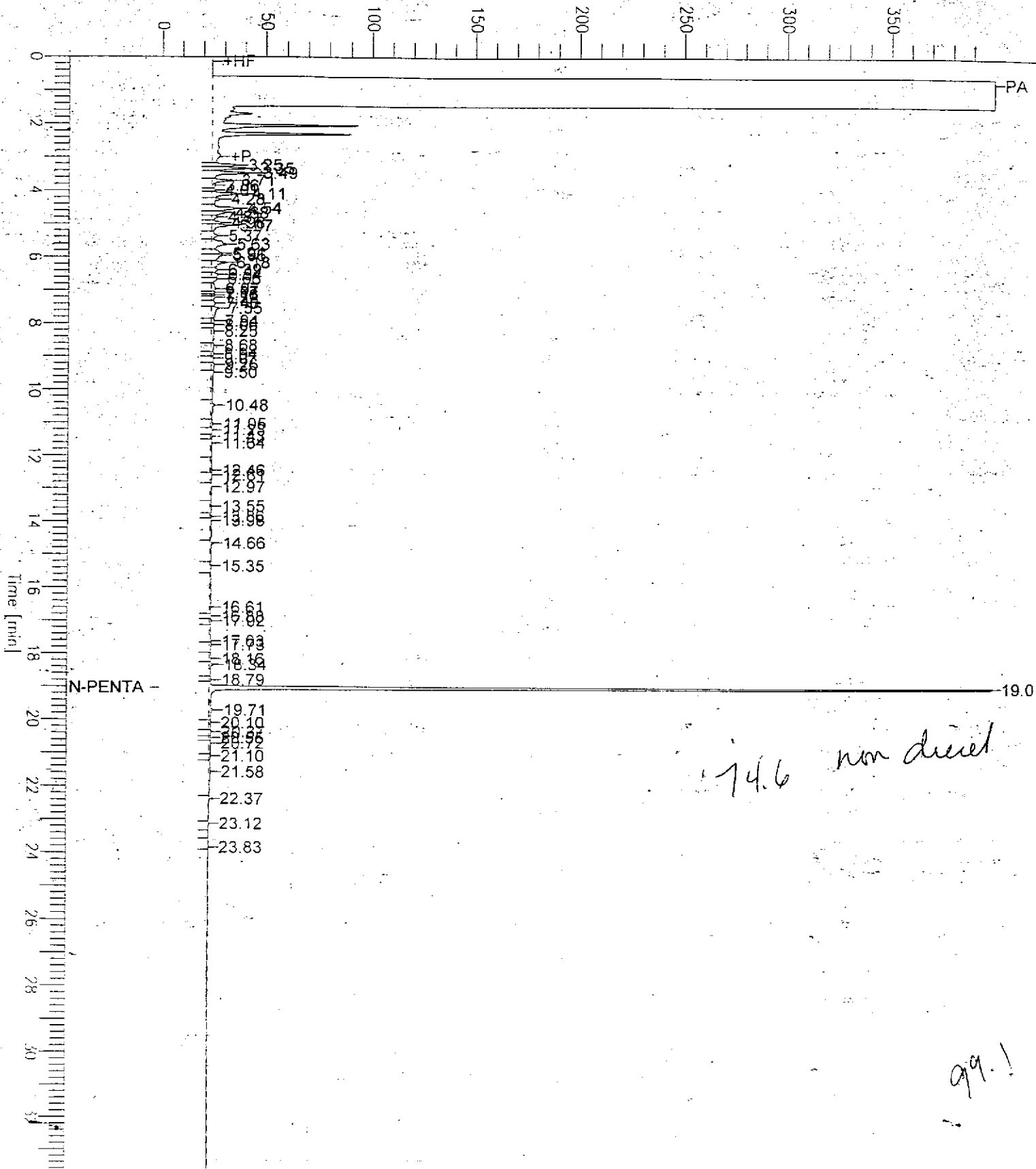
Sample Name : MJC0417-03 (500:1)
FileName : C:\DATA\GHP_05\0326\324A007.raw
Method : TPH05A
Start Time : 0.00 min
Scale Factor : 0.0

End Time : 33.65 min
Plot Offset : 0 mV

Sample #: MW-3
Date : 3/24/00 03:40 PM
Time of Injection: 3/24/00 03:06 PM
Low Point : 0.00 mV
High Point : 400.00 mV
Plot Scale: 400.0 mV

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Response [mV]





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-4800 (1700 Castro St., Oakland) Project Number: 000309-S2 Project Manager: Scott Boor	Sampled: 3/9/00 Received: 3/10/00 Reported: 3/30/00 09:22
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Notes and Definitions

#	Note
D-15	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
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>9-4800</u>	Chevron Contact Name) <u>Brett Hunter</u>
	Facility Address <u>1700 Castro St., Oakland</u>	(Phone) <u>(925) 842-8695</u>
	Consultant Project Number <u>000309-52</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>Stephen Whisenant</u>
	(Phone) <u>408-573-0555</u> (Fax) <u>408-573-7771</u>	Signature <u>Steph White</u>

State Method: CA OR WA NW Series CO UT

Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	Sample Preservation	Date/Time	State Method: <input type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT														Remarks
					BTEX/MTBE + TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (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.	
X MW-1	5	W	HCL	3/9	X	X	X												
X MW-2	5	W	HCL		X	X	X												
X MW-3	5	W	HCL		X	X	X												
X MW-4	5	W	HCL		X	X	X												
X MW-5	5	W	HCL		X	X	X												
X MW-6	5	W	HCL		X	X	X												
X TB	2	W	HCL																

MJC0417

10 3 12

Relinquished By (Signature) <u>Steph White</u>	Organization <u>BTS</u>	Date/Time <u>3/10/00 12:30</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>Sequoia</u>	Date/Time <u>12:30 3/10/00</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 <u>3/10/00</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>3/10/00</u>	Iced Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>		Date/Time <u>1:00</u>	Iced Y/N	

COC-3-DWG/07-99R/CH

Field Data Sheets

WELL GAUGING DATA

Project # 000309-52 Date 3/9/00 Client Chevron-9-4800

Site 1700 Castro St. Oakland, 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-1	2					25.21	29.88	TOC
MW-2	2					23.92	29.69	
MW-3	2					25.18	29.44	
MW-4	2					24.68	28.34	
MW-5	2					25.93	27.98	
MW-6	2					24.09	28.14	

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>000309-52</u>	Station #: <u>9-4800</u>
Sampler: <u>Stephan</u>	Date: <u>3/9/00</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>29.88</u>	Depth to Water: <u>25.21</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible

Waterra
 Peristaltic
 Extraction Pump
 Other _____

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Dedicated Tubing
 Other: _____

$1.75 \text{ (Gals.)} \times 3 = 2.25 \text{ Gals.}$
 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
1235	67.8	6.6	1084	1	Turbid / Odor
1240	68.0	6.6	1090	2	
1245	68.0	6.6	1090	3	

Did well dewater? Yes No Gallons actually evacuated: 3

Sampling Time: 1250 Sampling Date: 3/9/00

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 000309-52	Station #: 9-4800
Sampler: Stephan	Date: 3/9/00
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8
Total Well Depth: 29.69	Depth to Water: 23.92
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

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port

Other: _____

Other: _____

<u>1.92</u>	\times	<u>3</u>	$=$	<u>2.77</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1405	66.7	6.6	1082	1	Turbid / odor
1410	67.8	6.6	1112	2	
1415	68.2	6.6	1101	3	

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Gallons actually evacuated: 3
Sampling Time: 1420	Sampling Date: 3/9/00
Sample I.D.: MW-2	Laboratory: Sequoia CORE N. Creek Assoc. Labs
Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: mg/L Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge: mV Post-purge: mV

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>000309-52</u>	Station #: <u>9-4800</u>
Sampler: <u>Stephan</u>	Date: <u>3/9/00</u>
Well I.D.: <u>MW-3</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>29.44</u>	Depth to Water: <u>25.18</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: _____

1.68 (Gals.) X 3 = 2.04 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
1305	66.2	6.6	1165	1.68	Turbid / odor
1308	66.8	6.6	1164	1.36	
1312	66.8	6.6	1081	2.04	
1316	66.6	6.7	1065	2.72	

Did well dewater? Yes No

Gallons actually evacuated: 2.72

Sampling Time: 1320 Sampling Date: 3/9/00

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 000309-51	Station #: 9-4800
Sampler: Stephan	Date: 3/9/00
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8
Total Well Depth: 28.34	Depth to Water: 24.68
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

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

Other: _____

.59	x	3	=	1.76	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1340	65.8	6.3	1007	.59	Turbid / Odor
1343	67.0	6.3	988.7	1.18	
1346	67.3	6.3	991.2	1.77	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 1.77
Sampling Time: 1350	Sampling Date: 3/9/00
Sample I.D.: MW-4	Laboratory: Sequoia CORE N. Creek Assoc. Labs
Analyzed for: <u>TPH-G BTEX MTBE TPH-D</u> Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: <input type="text"/> mg/L Post-purge: <input type="text"/> mg/L
O.R.P. (if req'd):	Pre-purge: <input type="text"/> mV Post-purge: <input type="text"/> mV

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>000309-52</u>	Station #: <u>9-4800</u>
Sampler: <u>Stephan</u>	Date: <u>3/9/00</u>
Well I.D.: <u>MW-5</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>27-98</u>	Depth to Water: <u>25-93</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: _____

$$\frac{.38 \text{ (Gals.)} \times 3}{1 \text{ Case Volume Specified Volumes}} = \frac{1.14}{\text{Calculated Volume}} \text{ Gals.}$$

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
1205	67.2	6.6	1138	.38	Turbid
1207	68.2	6.5	1139	.76	
1210	68.3	6.6	1116	1.14	

Did well dewater? Yes No Gallons actually evacuated: 1.14

Sampling Time: 1215 Sampling Date: 3/9/00

Sample I.D.: MW-5 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>000309-S2</u>	Station #: <u>9-4800</u>
Sampler: <u>Stephan</u>	Date: <u>3/9/00</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>28.14</u>	Depth to Water: <u>24.09</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: _____

0.65 (Gals.) X 3 = 1.95 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	radius ² * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1135</u>	<u>65.7</u>	<u>6.6</u>	<u>689.1</u>	<u>1</u>	<u>Turbid.</u>
<u>1140</u>	<u>67.4</u>	<u>6.6</u>	<u>737.1</u>	<u>2</u>	
<u>1145</u>	<u>67.6</u>	<u>6.6</u>	<u>755</u>	<u>3</u>	

Did well dewater? Yes (No) Gallons actually evacuated: 3

Sampling Time: 1150 Sampling Date: 3/9/00

Sample I.D.: MW-6 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