Chevron

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

Site Assessment and
Remediation Group
Phone (510) 842-9500
Fax (510) 842-8370

Date: 3-17-00

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) 842-8695.

Sincerely,

Brent L. Hunter

Brent Hunter
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

Need offsite well to delineate MTBE

March 17, 2000

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

4th Quarter 1999 Monitoring at 9-4800

Fourth Quarter 1999 Groundwater Monitoring at
Chevron Service Station Number 9-4800
1700 Castro St.
Oakland, CA

Monitoring Performed on December 14, 1999

Groundwater Sampling Report **991214-Y-3**

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,

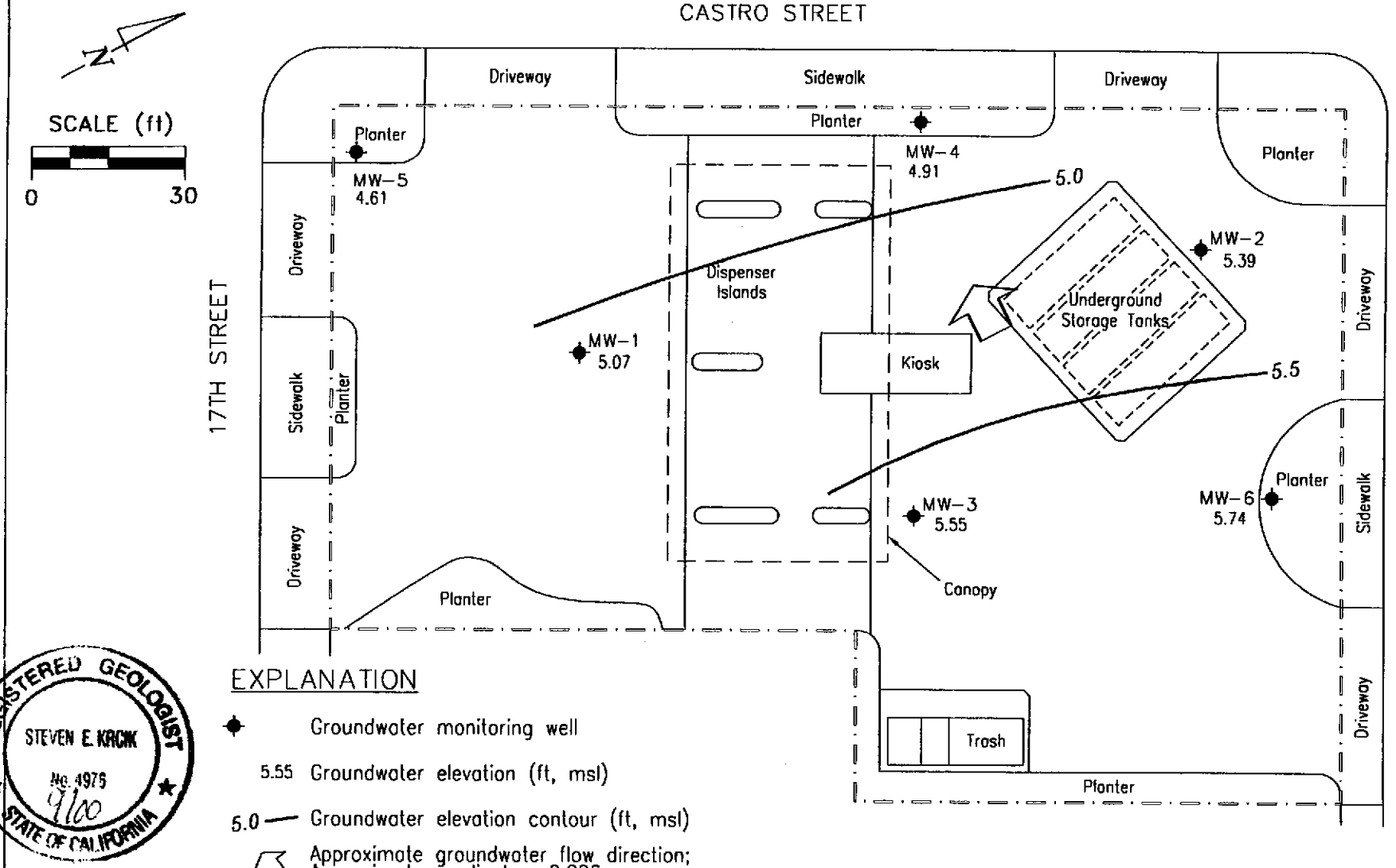
Scott Boor
Project Coordinator

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



REGISTERED GEOLOGIST
STEVEN E. KROK
No. 4975
STATE OF CALIFORNIA

Ref. 4800-gm.dwg
Basemap from Gettler-Ryan, Inc.

PREPARED BY
RRM
engineering contracting firm

Chevron Station 9-4800
1700 Castro Street
Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP, DECEMBER 14, 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											
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*/**
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*/**

* Chromatogram pattern indicates an unidentified hydrocarbon.

** Sample was extracted 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***
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*/***
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***
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***

* Chromatogram pattern indicates an unidentified hydrocarbon.
** See Table of Additional Analyses.
*** Sample was extracted 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
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	<2.5	--
06/17/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
12/14/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

DATE	Notes	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

January 19, 2000

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

RE: Chevron 9-4800/M912562

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on December 15, 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 9-4800 (1700 Castro St., Oakland)	Sampled: 12/14/99
1680 Rogers Avenue	Project Number:	991214-Y3	Received: 12/15/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/19/00

ANALYTICAL REPORT FOR M912562

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	M912562-01	Water	12/14/99
MW-2	M912562-02	Water	12/14/99
MW-3	M912562-03	Water	12/14/99
MW-4	M912562-04	Water	12/14/99
MW-5	M912562-05	Water	12/14/99
MW-6	M912562-06	Water	12/14/99
TB	M912562-07	Water	12/14/99

Sequoia Analytical

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Morgan Hill, CA 95037
(408) 776-9600
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Blaine Tech Services (Chev)	Project:	Chevron 9-4800 (1700 Castro St., Oakland)	Sampled: 12/14/99
1680 Rogers Avenue	Project Number:	991214-Y3	Received: 12/15/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/19/00

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			**M912562-01**				**Water**	
Diesel Range Hydrocarbons	0010065	1/3/00	1/8/00		0.0500	**0.188**	mg/l	1,2
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*76.0*	%	
MW-2			**M912562-02**				**Water**	
Diesel Range Hydrocarbons	0010065	1/3/00	1/8/00		0.0500	**0.615**	mg/l	1,2
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*86.8*	%	
MW-3			**M912562-03**				**Water**	
Diesel Range Hydrocarbons	0010065	1/3/00	1/8/00		0.0500	ND	mg/l	1
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*78.2*	%	
MW-4			**M912562-04**				**Water**	
Diesel Range Hydrocarbons	0010065	1/3/00	1/8/00		0.0500	**0.571**	mg/l	1,2
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*70.0*	%	
MW-5			**M912562-05**				**Water**	
Diesel Range Hydrocarbons	0010065	1/3/00	1/8/00		0.0500	ND	mg/l	1
Surrogate: n-Pentacosane	"	"	"	*50.0-150*		*103*	%	
MW-6			**M912562-06**				**Water**	
Diesel Range Hydrocarbons	0010065	1/3/00	1/8/00		0.0500	ND	mg/l	1
Surrogate: n-Pentacosane	"	"	"	*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 9-4800 (1700 Castro St., Oakland)	Sampled:	12/14/99
1680 Rogers Avenue	Project Number:	991214-Y3	Received:	12/15/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	1/19/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**M912562-01**				**Water**	
Gasoline	9120576	12/23/99	12/23/99		250	**2760**	ug/l	D
Benzene	"	"	"		2.50	**287**	"	D
Toluene	"	"	"		2.50	**199**	"	D
Ethylbenzene	"	"	"		2.50	**139**	"	D
Xylenes (total)	"	"	"		2.50	**502**	"	D
Methyl tert-butyl ether	"	"	"		12.5	ND	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*96.0*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*93.3*	"	
MW-2			**M912562-02**				**Water**	
Gasoline	9120576	12/23/99	12/23/99		250	**4230**	ug/l	D
Benzene	"	"	"		2.50	**282**	"	D
Toluene	"	"	"		2.50	**12.3**	"	D
Ethylbenzene	"	"	"		2.50	**284**	"	D
Xylenes (total)	"	"	"		2.50	**690**	"	D
Methyl tert-butyl ether	"	"	"		12.5	**631**	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*96.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*94.7*	"	
MW-3			**M912562-03**				**Water**	
Gasoline	9120576	12/23/99	12/23/99		250	**8650**	ug/l	D
Benzene	"	"	"		2.50	**1040**	"	D
Toluene	"	"	"		2.50	**795**	"	D
Ethylbenzene	"	"	"		2.50	**212**	"	D
Xylenes (total)	"	"	"		2.50	**800**	"	D
Methyl tert-butyl ether	"	"	"		12.5	**995**	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*95.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*93.0*	"	
MW-4			**M912562-04**				**Water**	
Gasoline	9120576	12/23/99	12/23/99		1000	**625**	ug/l	D
Benzene	"	"	"		10.0	ND	"	D
Toluene	"	"	"		10.0	**3.83**	"	D
Ethylbenzene	"	"	"		10.0	ND	"	D
Xylenes (total)	"	"	"		10.0	**94.6**	"	D
Methyl tert-butyl ether	"	"	"		50.0	**4470**	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*95.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*91.0*	"	
MW-5			**M912562-05**				**Water**	
Gasoline	9120576	12/23/99	12/23/99		50.0	ND	ug/l	

Sequoia Analytical

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

Blaine Tech Services (Chev)	Project:	Chevron 9-4800 (1700 Castro St., Oakland)	Sampled:	12/14/99
1680 Rogers Avenue	Project Number:	991214-Y3	Received:	12/15/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	1/19/00

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-5 (continued)			**M912562-05**				**Water**	
Benzene	9120576	12/23/99	12/23/99		0.500	ND	ug/l	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	**0.598**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*96.7*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*92.3*	"	
MW-6			**M912562-06**				**Water**	
Gasoline	9120576	12/23/99	12/23/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	**4.13**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*95.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*93.7*	"	
TB			**M912562-07**				**Water**	
Gasoline	9120576	12/23/99	12/23/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*95.3*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*93.3*	"	

Sequoia Analytical

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

Blaine Tech Services (Chev)	Project:	Chevron 9-4800 (1700 Castro St., Oakland)	Sampled: 12/14/99
1680 Rogers Avenue	Project Number:	991214-Y3	Received: 12/15/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/19/00

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: 0010065	**Date Prepared: 1/3/00**					**Extraction Method: EPA 3520B**				
Blank	**0010065-BLK1**									
Diesel Range Hydrocarbons	1/7/00			**ND**	mg/l	**0.0500**				
Surrogate: n-Pentacosane	"	*0.100*		*0.109*	"	*50.0-150*	*109*			
LCS	**0010065-BS1**									
Diesel Range Hydrocarbons	1/7/00	1.00		0.865	mg/l	60.0-140	86.5			
Surrogate: n-Pentacosane	"	*0.100*		*0.111*	"	*50.0-150*	*111*			
LCS Dup	**0010065-BSD1**									
Diesel Range Hydrocarbons	1/7/00	1.00		0.819	mg/l	60.0-140	81.9	50.0	5.46	
Surrogate: n-Pentacosane	"	*0.100*		*0.108*	"	*50.0-150*	*108*			

Sequoia Analytical

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

Blaine Tech Services (Chev)	Project:	Chevron 9-4800 (1700 Castro St., Oakland)	Sampled: 12/14/99
1680 Rogers Avenue	Project Number:	991214-Y3	Received: 12/15/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/19/00

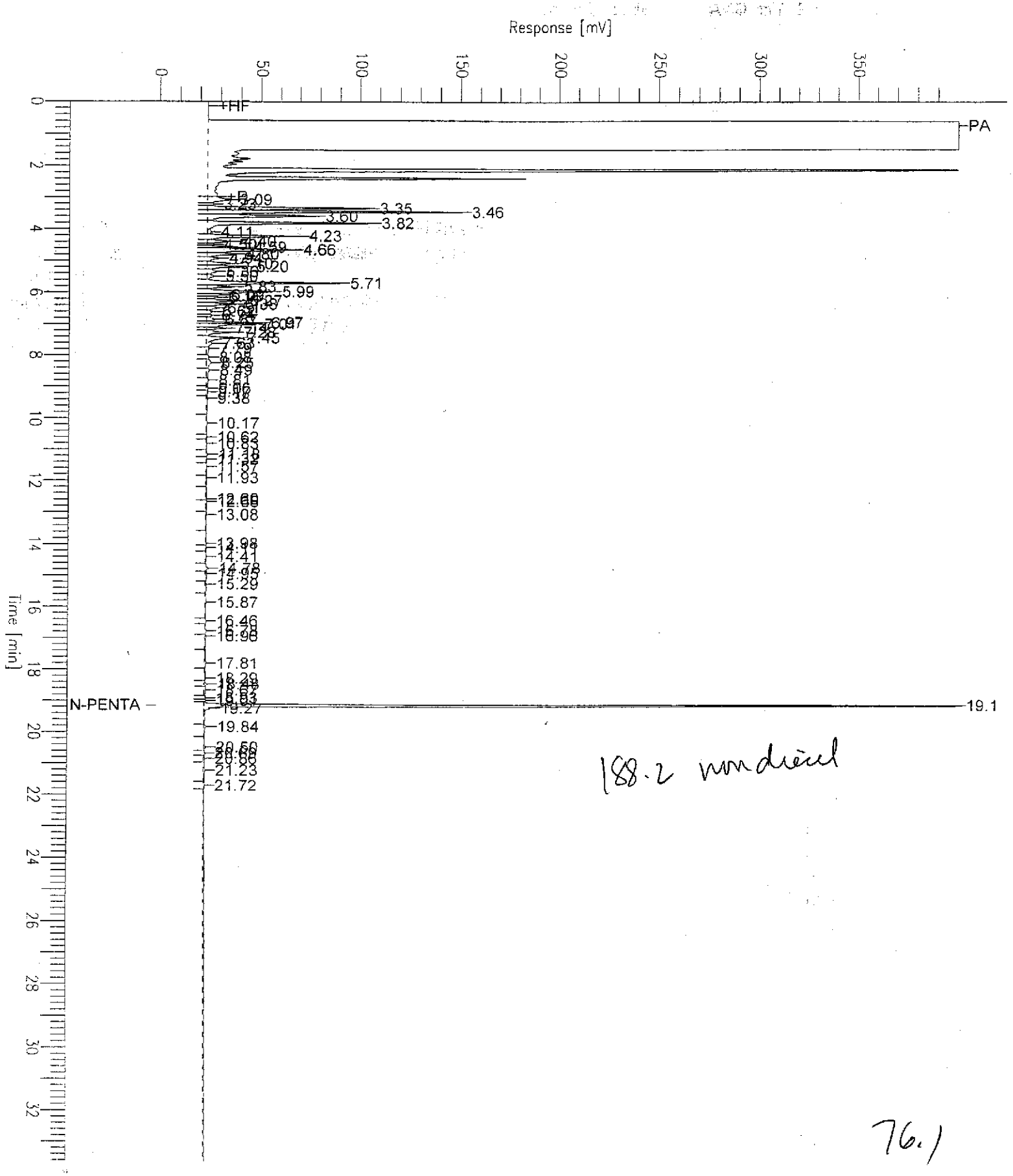
Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9120576	**Date Prepared: 12/23/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9120576-BLK1**									
Gasoline	12/23/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**0.636**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*291*	"	*65.0-135*	*97.0*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*279*	"	*65.0-135*	*93.0*			
LCS	**9120576-BS1**									
Benzene	12/23/99	100		93.6	ug/l	65.0-135	93.6			
Toluene	"	100		94.8	"	65.0-135	94.8			
Ethylbenzene	"	100		90.1	"	65.0-135	90.1			
Xylenes (total)	"	300		287	"	65.0-135	95.7			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*290*	"	*65.0-135*	*96.7*			
Matrix Spike	**9120576-MS1**		**M912562-05**							
Benzene	12/23/99	100	ND	92.5	ug/l	65.0-135	**92.5**			
Toluene	"	100	ND	93.6	"	65.0-135	**93.6**			
Ethylbenzene	"	100	ND	88.9	"	65.0-135	**88.9**			
Xylenes (total)	"	300	ND	281	"	65.0-135	**93.7**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*292*	"	*65.0-135*	*97.3*			
Matrix Spike Dup	**9120576-MSD1**		**M912562-05**							
Benzene	12/23/99	100	ND	92.7	ug/l	65.0-135	**92.7**	20.0	**0.216**	
Toluene	"	100	ND	92.6	"	65.0-135	**92.6**	20.0	**1.07**	
Ethylbenzene	"	100	ND	87.7	"	65.0-135	**87.7**	20.0	**1.36**	
Xylenes (total)	"	300	ND	266	"	65.0-135	**88.7**	20.0	**5.48**	
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*291*	"	*65.0-135*	*97.0*			

Chromatogram

Sample Name : M912562-01RE (500:1)
FileName : C:\DATA\GHP_05\0109\108A010.raw
Method : TPH05A
Start Time : 0.00 min End Time : 33.65 min
Scale Factor: 0.0 Plot Offset: 0 mV

Sample #: MW-1 Page 1 of 1
Date : 1/8/00 07:54 PM
Time of Injection: 1/8/00 07:20 PM
Low Point : 0.00 mV High Point : 400.00 mV
Plot Scale: 400.0 mV



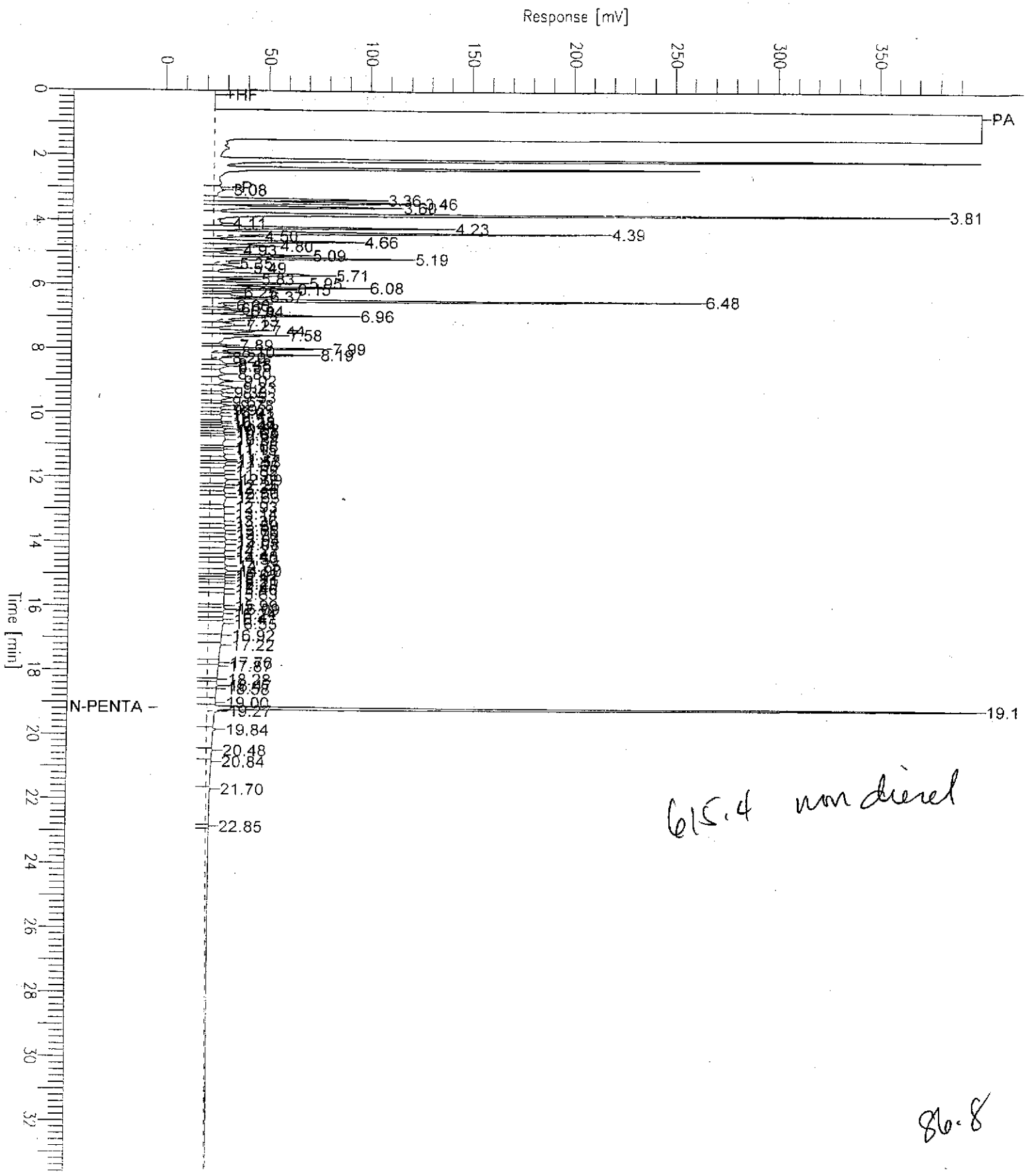
188.2 nondiesel

76.1

Chromatogram

Sample Name : M912562-02RE (500:1)
FileName : C:\DATA\GHP_05\0109\108A011.raw
Method : TPH05A
Start Time : 0.00 min End Time : 33.65 min
Scale Factor: 0.0 Plot Offset: 0 mV

Sample #: MW-2 Page 1 of 1
Date : 1/8/00 08:34 PM
Time of Injection: 1/8/00 08:01 PM
Low Point : 0.00 mV High Point : 400.00 mV
Plot Scale: 400.0 mV



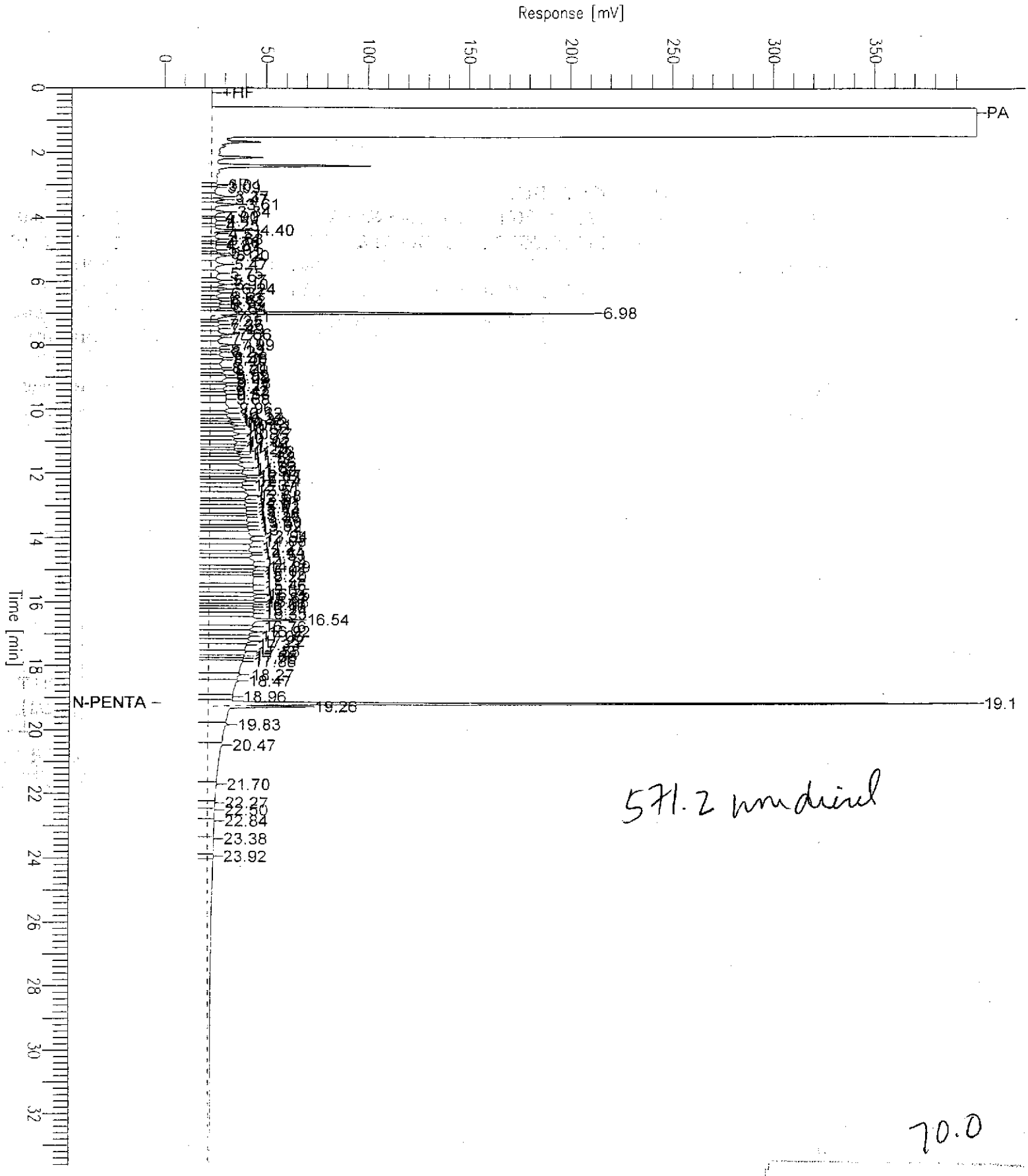
615.4 mm diesel

86.8

Chromatogram

Sample Name : M912562-04RE (500:1)
FileName : C:\DATA\GHP_05\0109\108A013.raw
Method : TPH05A
Start Time : 0.00 min End Time : 33.65 min
Scale Factor: 0.0 Plot Offset: 0 mV

Sample #: MW-4 Page 1 of 1
Date : 1/8/00 09:56 PM
Time of Injection: 1/8/00 09:22 PM
Low Point : 0.00 mV High Point : 400.00 mV
Plot Scale: 400.0 mV



571.2 mm dried

70.0

Sequoia Analytical

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Blaine Tech Services (Chev)	Project:	Chevron 9-4800 (1700 Castro St., Oakland)	Sampled:	12/14/99
1680 Rogers Avenue	Project Number:	991214-Y3	Received:	12/15/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	1/19/00

Notes and Definitions

#	Note
D	Data reported from a dilution.
1	This sample was extracted outside EPA recommended hold time.
2	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: 9-4800
Facility Address: 1700 Castro St., Oakland
Consultant Project Number: 991214-43
Consultant Name: Blaine Tech Services, Inc.
Address: 1680 Rogers Ave., San Jose
Project Contact (Name): Scott Boor
(Phone) 408-573-0555 (Fax) 408-573-7771

Chevron Contact Name): Brett Hunter
(Phone): (925) 842-8695
Laboratory Name: Sequoia
Laboratory Service Order: 9144488 M912342
Laboratory Service Code: ZZ02790
Samples collected by (Name): LEON G.
Signature:

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

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Sample Preservation	Date/Time	BTEX/MTBE + TPH GAS (8020. + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8270)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCID	TPH - D Extended					Remarks / Lab Sample No.
MW-1	5	W		12/14/99 1321	X		X															01
MW-2				1427	X		X															02
MW-3				1304	X		X															03
MW-4				1359	X		X															04
MW-5				1235	X		X															05
MW-6				1208	X		X															06
TB	2	W			X																	07

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
	BTS	12/14/99 1600		SEQUOIA	12/15/99 8:25	
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
		12/15/99			12/15/99 13:30	
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 # 991214-Y3 Date 12-14-99 Client CHEV 9-4800

Site 1700 CASTRO ST. 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	
4	mw-1	2	ODOR				25.68	30.16	TOC	
6	mw-2	2					24.61	30.25		
3	mw-3	2	ODOR				25.77	29.74		
5	mw-4	2					25.22	28.41		
2	mw-5	2					26.32	28.08		
1	mw-6	2					24.84	28.45		

CHEVRON WELL MONITORING DATA SHEET

Project #: 991214-43	Station #: 9-4600
Sampler: Leon G.	Date: 12-14-99
Well I.D.: mw-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 30.16	Depth to Water: 25.68
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 / Other: ___

Sampling Method: Bailer / (Disposable Bailer) / Extraction Port / Other: ___

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
0.7	X	3	=	2.1 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1322	66.6	6.8	1064	1	
1326	67.5	6.7	1065	2	
1329	67.8	6.7	1060	3	

Did well dewater? Yes (No)		Gallons actually evacuated: 3	
Sampling Time: 1331		Sampling Date: 12-14-99	
Sample I.D.: mw-1		Laboratory: (Sequoia) CORE N. Creek Assoc. Labs	
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)		Other:	
Duplicate I.D.:		Analyzed for: TPH-G BTEX MTBE TPH-D	Other:
D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge: mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 991214-43	Station #: 9-4600
Sampler: LEON G.	Date: 12-14-99
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 30.25	Depth to Water: 24.61
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); Extraction Port; Other: _____

0.9	x	3	=	2.7	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1417	67.1	6.8	1065	1	
1421	68.0	6.8	941	2	
1424	68.1	6.8	884	3	

Did well dewater? Yes (No)		Gallons actually evacuated: 3	
Sampling Time: 1427		Sampling Date: 12-14-99	
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 #: 9912,14-43	Station #: 9-4600
Sampler: LEON G	Date: 12-14-99
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 29.74	Depth to Water: 25.77
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), ~~Extraction Port~~, Other: ____

0.6	X	3	=	1.8 Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1255	65.8	6.8	987	1	
1258	66.1	6.7	1026	2	
1301	66.3	6.7	1017	3	

Did well dewater? Yes (No)		Gallons actually evacuated: 3	
Sampling Time: 1304		Sampling Date: 12-14-99	
Sample I.D.: MW-3		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 #: 991214-43	Station #: 9-4900
Sampler: Leon G.	Date: 12-14-99
Well I.D.: mw-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 26.41	Depth to Water: 25.27
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	radius^2 * 0.163

Purge Method: (Bailer) (Disposable Bailer) ~~Middleburg~~ Electric Submersible Extraction Pump Other: ___

Sampling Method: Bailer (Disposable Bailer) Extraction Port Other: ___

0.5 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 1.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1350	66.7	6.6	993	0.5	
1353	67.4	6.6	972	1.0	
1356	67.3	6.6	970	1.5	

Did well dewater? Yes (No) Gallons actually evacuated: 1.5

Sampling Time: 1359 Sampling Date: 12-14-99

Sample I.D.: mw-4 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 #: 991214-43	Station #: 9-4800
Sampler: Leon G.	Date: 12-14-99
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 28.08	Depth to Water: 26.32
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) Extraction Port Other: ___

0.3 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 6.9 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1226	66.3	6.7	1116	0.5	
1230	67.1	6.7	1124	~~0.5~~ 1.0	
1233	67.2	6.7	1115	~~1.0~~ 1.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 1.5	
Sampling Time: 1235		Sampling Date: 12-14-99	
Sample I.D.: MW-5		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 #: 991214-43	Station #: 9-4800
Sampler: Leon G.	Date: 12-14-99
Well I.D.: mw-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 26.45	Depth to Water: 24.64
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)
Extraction Port
Other: _____

1 Case Volume (Gals.)	X Specified Volumes	= Calculated Volume
0.5	3	1.5 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1200	67.7	6.5	658	0.5	
1203	67.7	6.6	645	1.0	
1206	67.6	6.6	630	~~0.5~~ 1.5	

Did well dewater? Yes (No)	Gallons actually evacuated: 1.5		
Sampling Time: 1206	Sampling Date: 12-14-99		
Sample I.D.: mw-6	Laboratory: (Sequoia) CORE N. Creek Assoc. Labs		
Analyzed for: (TPH-G) (BTEX) ~~MTBE~~ ~~TPH-D~~	Other:		
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:		
D.O. (if req'd):	Pre-purge: mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge:	mV