Chevron

Chevron Products Company
6001 Bollinger Canyon Rd, Bldg L
PO Box 5004
San Ramon, CA 94583-0804

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

ST 10154 6
JTS

July 23, 1997

Ms. Amy Leech
Alameda County Health Care Services
1131 Harbor Way Parkway, Suite 250
Alameda, California 94502-6577

Re: Chevron Service Station 9-2384
15526 Hesperian Blvd., San Lorenzo, CA

Dear Ms. Leech,

Please find attached the 1st quarter 1997 groundwater monitoring and sampling report prepared by Blaine Tech Services Inc. dated May 21st, 1997. This report presents the results of the sampling event performed on March 31st, 1997.

The groundwater samples collected by Blaine Tech. were analyzed for the presence of TPHG and BTEX constituents as well as MTBE. The results obtained during this sampling event were consistent with historical data seen from previous sampling events at this site.

Chevron will continue with the current monitoring schedule (Semi-annual) in place for this site. If you have any questions or comments regarding this site, please call. I can be reached by phone at (510) 842-9449 or by fax at (510) 842-8370.

Sincerely,

Tammy L Hodge
Groundwater Coordinator
Site Assessment and Remediation

cc:
* Mr. Andy On, Insta-Lube
736 West MacArther Blvd., Oakland CA
* Ms. Bette Owen, Chevron Property Development
* Chevron File 9-2384

BLAINE
TECH SERVICES inc.

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

May 21, 1997

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

1st Quarter 1997 Monitoring at 9-2384

First Quarter 1997 Groundwater Monitoring at
Chevron Service Station Number 9-2384
15526 Hesperian Blvd.
San Lorenzo, CA

Monitoring Performed on March 31, 1997

Groundwater Sampling Report **970331-C-2**

This report covers the routine quarterly 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.

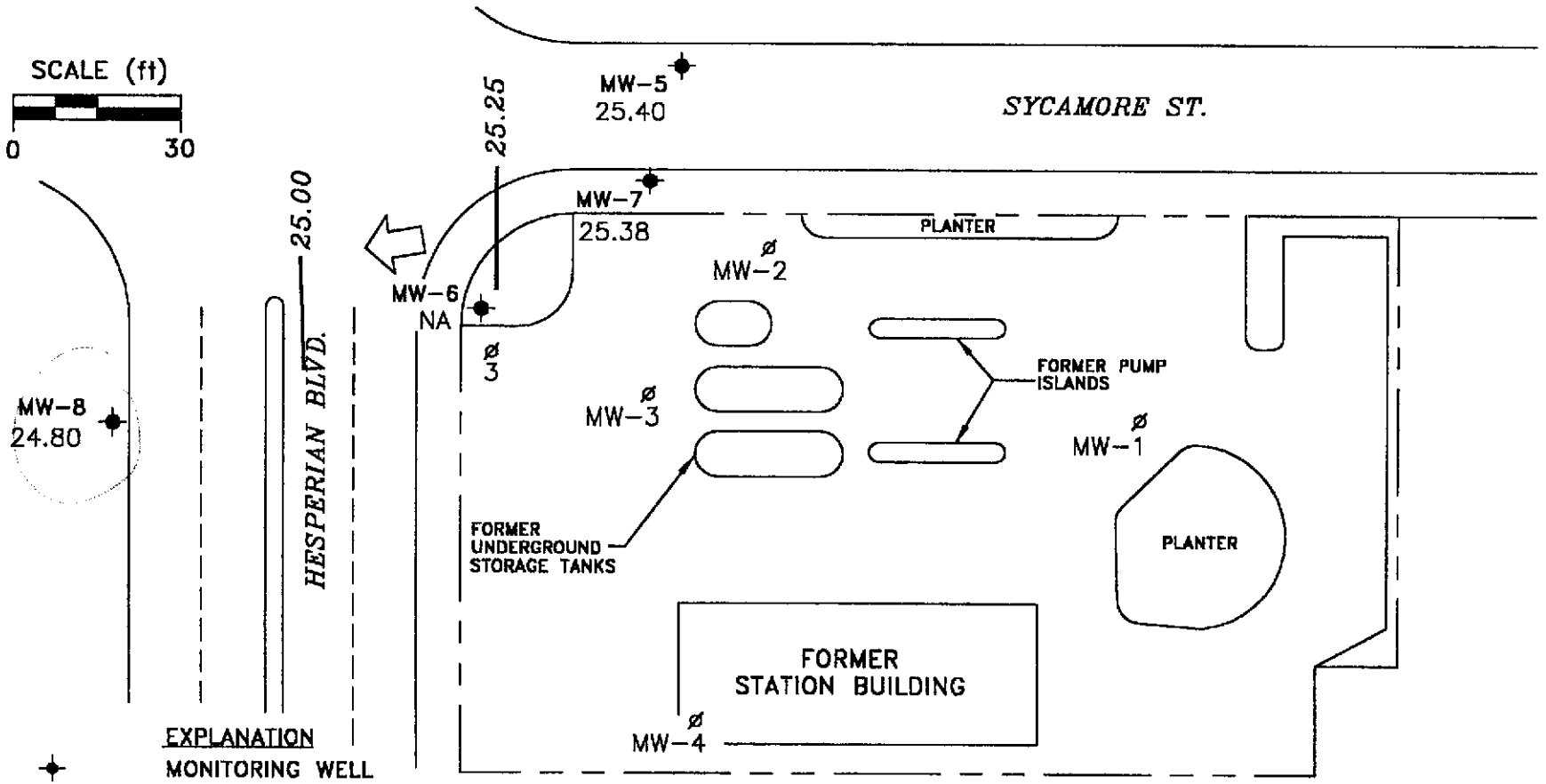
Yours truly,

Francis Thie
Vice President

FPT/cg

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

Professional Engineering Appendix



Basemap from Cambria Environmental Technology, Inc.

REGISTERED GEOLOGIST
STEVEN E. KROIK
No 4976
4/98
CALIF

PREPARED BY
RRM
engineering contracting firm

Chevron Station 9-2384
15526 Hesperian Boulevard
San Lorenzo, California

GROUNDWATER ELEVATION CONTOUR MAP, MARCH 31, 1997

FIGURE:
1
PROJECT:
DAC04

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
MW-1										
06/04/92	35.64	22.52	13.12	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/30/92	35.64	21.82	13.82	--	--	--	--	--	--	--
08/25/92	35.64	21.44	14.20	--	--	--	--	--	--	--
09/23/92	35.64	21.05	14.59	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/92	35.64	21.36	14.28	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	35.64	24.74	10.90	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/02/93	35.65	24.24	11.41	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/22/93	35.65	22.88	12.77	--	<50	0.9	0.9	<0.5	<1.5	--
10/01/93	35.65	22.72	12.93	--	--	--	--	--	--	--
03/10/94	35.65	23.52	12.13	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/12/94	35.65	23.34	12.31	--	--	--	--	--	--	--
06/17/94	35.65	23.14	12.51	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/01/94	35.65	22.28	13.37	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/28/94	35.65	22.35	13.30	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/14/95	35.65	25.22	10.43	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/95	--	--	--	Destroyed	--	--	--	--	--	--
MW-2										
06/04/92	35.85	22.37	13.48	--	6700	910	17	210	30	--
07/30/92	35.85	21.68	14.17	--	--	--	--	--	--	--
08/25/92	35.85	21.29	14.56	--	--	--	--	--	--	--
09/23/92	35.85	20.90	14.95	--	1500	110	1.2	81	<0.5	--
12/29/92	35.85	21.24	14.61	--	1200	51	1.1	27	<0.5	--
03/19/93	35.85	24.61	11.24	--	750	37	1.0	34	1.6	--
07/02/93	35.86	24.10	11.76	--	2100	45	1.4	87	4.8	--
09/22/93	35.86	22.74	13.12	--	880	23	2.8	38	<1.5	--
10/01/93	35.86	22.56	13.30	--	--	--	--	--	--	--
03/10/94	35.86	23.43	12.43	--	230	6.9	1.9	12	0.6	--
04/12/94	35.86	23.24	12.62	--	--	--	--	--	--	--
06/17/94	35.86	23.02	12.84	--	330	1.6	<0.5	3.9	2.5	--
09/01/94	35.86	22.19	13.67	--	400	3.0	2.0	6.4	<0.5	--
11/28/94	35.86	22.26	13.60	--	210	0.56	<0.5	1.1	<0.5	--
03/14/95	35.86	25.17	10.69	--	390	<0.5	<0.5	2.7	<0.5	--
06/28/95	--	--	--	Destroyed	--	--	--	--	--	--

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
MW-3										
06/04/92	35.42	22.30	13.12	--	460	12	0.8	5.8	14	--
07/30/92	35.42	21.61	13.81	--	--	--	--	--	--	--
08/25/92	35.42	21.22	14.20	--	--	--	--	--	--	--
09/23/92	35.42	20.84	14.58	--	1100	62	1.5	110	4.0	--
12/29/92	35.42	21.20	14.22	--	450	21	0.7	12	3.0	--
03/19/93	35.42	24.55	10.87	--	1200	67	1.3	96	5.5	--
07/02/93	35.43	24.06	11.37	--	610	73	0.5	42	<1.5	--
09/22/93	35.43	22.72	12.71	--	400	<0.5	0.6	2.7	<1.5	--
10/04/93	35.43	22.55	12.88	--	--	--	--	--	--	--
03/10/94	35.43	23.35	12.08	--	65	1.6	1.3	1.3	1.1	--
04/12/94	35.43	23.18	12.25	--	--	--	--	--	--	--
06/17/94	35.43	22.90	12.53	--	160	9.2	<0.5	2.9	2.7	--
09/01/94	35.43	22.15	13.28	--	190	3.2	1.1	3.1	6.5	--
11/28/94	35.43	22.23	13.20	--	51	<0.5	<0.5	<0.5	<0.5	--
03/14/95	35.43	25.09	10.34	--	1100	18	<2.5	89	<2.5	--
06/28/95	--	--	--	Destroyed	--	--	--	--	--	--
MW-4										
07/02/93	35.73	23.96	11.77	--	80	<0.5	0.6	<0.5	<1.5	--
09/22/93	35.73	--	--	--	--	--	--	--	--	--
10/01/93	35.73	22.61	13.12	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	35.73	--	--	--	--	--	--	--	--	--
04/12/94	35.73	23.11	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	35.73	22.90	12.83	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/01/94	35.73	22.05	13.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/28/94	35.73	22.15	13.58	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/14/95	35.73	24.83	10.90	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/95	--	--	--	Destroyed	--	--	--	--	--	--

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
MW-5										
07/02/93	35.50	24.08	11.42	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/22/93	35.50	--	--	--	--	--	--	--	--	--
10/01/93	35.50	--	--	--	--	--	--	--	--	--
03/10/94	35.50	--	--	--	--	--	--	--	--	--
04/12/94	35.50	23.25	12.25	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	35.50	23.02	12.48	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/01/94	35.50	22.17	13.33	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/28/94	35.50	22.28	13.22	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/14/95	35.50	25.18	10.32	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/95	35.50	25.10	10.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/25/95	35.50	23.47	12.03	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	35.50	23.13	12.37	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/29/96	35.50	26.06	9.44	Sampled annually	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/03/96	35.50	--	--	--	--	--	--	--	--	--
03/31/97	35.50	25.40	10.10	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-6										
07/02/93	36.01	23.94	12.07	--	14,000	330	28	980	580	--
09/22/93	36.01	--	--	--	--	--	--	--	--	--
10/01/93	36.01	23.30	12.71	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	36.01	--	--	--	--	--	--	--	--	--
04/12/94	36.01	23.11	12.90	--	3400	32	<0.5	0.7	67	--
06/17/94	36.01	22.80	13.21	--	2200	16	<0.5	30	17	--
09/01/94	36.01	22.03	13.98	--	4100	62	3.9	93	53	--
11/28/94	36.01	22.15	13.86	--	1400	10	<1.0	18	9.8	--
03/14/95	36.01	24.99	11.02	--	4200	12	<10	92	39	--
06/28/95	36.01	24.89	11.12	--	4100	52	<5.0	<5.0	18	--
09/25/95	36.01	23.34	12.67	--	2500	<5.0	<5.0	25	25	--
01/04/96	36.01	21.85	14.16	--	4800	5.7	<5.0	66	53	60
02/29/96	36.01	24.47	11.54	Sampled biannually	2100	<0.5	<0.5	11	9.4	<2.5
09/03/96	36.01	--	--	Dry	--	--	--	--	--	--
03/31/97	36.01	23.86	12.15	Insufficient water	--	--	--	--	--	--
05/08/97	36.01	22.96	13.05	--	2800	<5.0	<5.0	29	17	<25

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
MW-7										
09/25/95	35.50	23.45	12.05	--	1400	<2.5	<2.5	<2.5	<2.5	--
12/19/95	35.50	23.17	12.33	--	2100	<5.0	<5.0	<5.0	<5.0	<25
02/29/96	35.50	26.00	9.50	Sampled biannually	380	<0.5	<0.5	<0.5	<0.5	<2.5
09/03/96	35.50	23.72	11.78	--	2700	<5.0	<5.0	<5.0	<5.0	<25
03/31/97	35.50	25.38	10.12	--	200	<0.5	0.66	<0.5	<0.5	<2.5
MW-8										
09/25/95	35.84	22.92	12.92	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	35.84	22.48	13.36	--	<50	<0.5	<0.5	<0.5	<0.5	91
02/29/96	35.84	25.24	10.60	Sampled biannually	<50	<0.5	<0.5	<0.5	<0.5	76
09/03/96	35.84	23.23	12.61	--	<50	<0.5	<0.5	<0.5	<0.5	45
03/31/97	35.84	24.80	11.04	--	<50	<0.5	<0.5	<0.5	<0.5	31

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
TRIP BLANK										
06/04/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/19/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/02/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/22/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/01/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/10/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/12/94		--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/01/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/28/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/14/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/25/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/29/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/03/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
MTBE = Methyl t-butyl ether

Analytical Appendix

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2384/970331-C2	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: MW-5	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/04/97
Attention: Fran Thie	Lab Number: 9704051-01	Reported: 04/09/97

QC Batch Number: GC040497BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	98

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2384/970331-C2	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: MW-7	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/07/97
Attention: Fran Thie	Lab Number: 9704051-02	Reported: 04/09/97

QC Batch Number: GC040797BTEX02A
Instrument ID: GCHP2

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**200**
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	**0.50**	**0.66**
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Unidentified HC		**>C8**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	89

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2384/970331-C2	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: MW-8	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/04/97
Attention: Fran Thie	Lab Number: 9704051-03	Reported: 04/09/97

QC Batch Number: GC040497BTEX21A
Instrument ID: GCHP21

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	**2.5**	**31**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	108

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2384/970331-C2	Sampled: 03/31/97
1680 Rogers Avenue	Sample Descript: TB	Received: 04/01/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/07/97
Attention: Fran Thie	Lab Number: 9704051-04	Reported: 04/09/97

QC Batch Number: GC040797BTEX02A
Instrument ID: GCHP2

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	73

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2384/970331-C2	Received: 04/01/97
1680 Rogers Avenue		
San Jose, CA 95112	Lab Proj. ID: 9704051	Reported: 04/09/97
Attention: Fran Thie		

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 7 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-2384/970331-C2
Matrix: Liquid
Work Order #: 9704051 -01, -03
Reported: Apr 14, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC040497BTEX21A	GC040497BTEX21A	GC040497BTEX21A	GC040497BTEX21A	GC040497BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9703E5403	9703E5403	9703E5403	9703E5403	9703E5403
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/4/97	4/4/97	4/4/97	4/4/97	4/4/97
Analyzed Date:	4/4/97	4/4/97	4/4/97	4/4/97	4/4/97
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	9.9	10	9.9	30	60
MS % Recovery:	99	100	99	100	100
Dup. Result:	9.8	9.7	9.7	29	60
MSD % Recov.:	98	97	97	97	100
RPD:	1.0	3.0	2.0	3.4	0.0
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK040497	BLK040497	BLK040497	BLK040497	BLK040497
Prepared Date:	4/4/97	4/4/97	4/4/97	4/4/97	4/4/97
Analyzed Date:	4/4/97	4/4/97	4/4/97	4/4/97	4/4/97
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	10	11	11	34	67
LCS % Recov.:	100	110	110	113	112
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-2384/970331-C2
Matrix: Liquid
Work Order #: 9704051-02, -04

Reported: Apr 14, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC040797BTEX02A	GC040797BTEX02A	GC040797BTEX02A	GC040797BTEX02A	GC040797BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	A.. Miraftab	A.. Miraftab	A.. Miraftab	A.. Miraftab	A.. Miraftab
MS/MSD #:	9703F1402	9703F1402	9703F1402	9703F1402	9703F1402
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	4/7/97	4/7/97	4/7/97	4/7/97	4/7/97
Analyzed Date:	4/7/97	4/7/97	4/7/97	4/7/97	4/7/97
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02	GCHP02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	9.6	9.6	9.7	31	64
MS % Recovery:	96	96	97	103	107
Dup. Result:	9.3	9.3	9.4	30	60
MSD % Recov.:	93	93	94	100	100
RPD:	3.2	3.2	3.1	3.3	6.5
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK040797	BLK040797	BLK040797	BLK040797	BLK040797
Prepared Date:	4/7/97	4/7/97	4/7/97	4/7/97	4/7/97
Analyzed Date:	4/7/97	4/7/97	4/7/97	4/7/97	4/7/97
Instrument I.D.#:	GCHP02	GCHP02	GCHP02	GCHP02	GCHP02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	9.6	9.4	9.5	30	64
LCS % Recov.:	96	94	95	100	107
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Reggy Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 9-2384
Facility Address: 15526 Hesperian Blvd., San Lorenzo
Consultant Project Number: 970331-C2
Consultant Name: Blaine Tech Services, Inc.
Address: 1680 Rogers Ave., San Jose, CA 95112
Project Contact (Name): Fran Thie
(Phone): (408)573-0555 (Fax Number): (408)573-7771

Chevron Contact (Name): Tammy Hodge
(Phone): (510) 842-9449
Laboratory Name: Sequoia
Laboratory Release Number: 9021854
Samples Collected by (Name): Kevin Carlin
Collection Date: 3-31-97
Signature:

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) + MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	DO NOT BILL FOR TB-LB 9704051 Remarks: E 1 12 17
MW-5	01	3	W		14:12	HCl	Y	X								
MW-7	02	3	W		14:34	HCl	Y	X								
MW-8	03	3	W		13:50	HCl	Y	X								
TB	04	2	W		14:00	HCl	Y	X								

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	4/1/97 1030		SEQ	4/1/97 1030
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	SEQ	4/1/97 1700			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					4-1-97 1817

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

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron 9-2384/970508-L1	Sampled: 05/08/97
1680 Rogers Avenue	Sample Descript: MW-6	Received: 05/09/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 05/13/97
Attention: Fran Thie	Lab Number: 9705521-01	Reported: 05/14/97

QC Batch Number: GC051397BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**500**	**2800**
Methyl t-Butyl Ether	25	N.D.
Benzene	5.0	N.D.
Toluene	5.0	N.D.
Ethyl Benzene	**5.0**	**29**
Xylenes (Total)	**5.0**	**17**
Chromatogram Pattern:		
Weathered Gas		**C8-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	84

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-2384 / 970508-L1
Matrix: Liquid
Work Order #: 9705521 -01

Reported: May 15, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC051397BTEX02A	GC051397BTEX02A	GC051397BTEX02A	GC051397BTEX02A	GC051397BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab
MS/MSD #:	970549702	970549702	970549702	970549702	970549702
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/13/97	5/13/97	5/13/97	5/13/97	5/13/97
Analyzed Date:	5/13/97	5/13/97	5/13/97	5/13/97	5/13/97
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	8.5	8.4	8.6	27	66
MS % Recovery:	85	84	86	90	110
Dup. Result:	8.8	8.7	8.9	28	69
MSD % Recov.:	88	87	89	93	115
RPD:	3.5	3.5	3.4	3.6	4.4
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK051397	BLK051397	BLK051397	BLK051397	BLK051397
Prepared Date:	5/13/97	5/13/97	5/13/97	5/13/97	5/13/97
Analyzed Date:	5/13/97	5/13/97	5/13/97	5/13/97	5/13/97
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	8.1	8.0	8.2	26	63
LCS % Recov.:	81	80	82	87	105
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Proj. ID: Chevron 9-2384/970508-L1

Lab Proj. ID: 9705521

Received: 05/09/97

Reported: 05/14/97

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 3 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPPH Note: Sample 9705521-01 was diluted 10-fold.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 9-2384
Facility Address: 15526 Hesperian Blvd., San Lorenzo
Consultant Project Number: 970508-L1
Consultant Name: Blaine Tech Services, Inc.
Address: 1680 Rogers Ave., San Jose, CA 95112
Project Contact (Name): Fran Thie
(Phone): (408)573-0555 (Fax Number): (408)573-7771

Chevron Contact (Name): Tammy Hodge
(Phone): (510) 842-9449
Laboratory Name: Sequoia
Laboratory Release Number: 9021854
Samples Collected by (Name): LAD GILCHRIST
Collection Date: 5-8-97
Signature:

Analyses To Be Performed: 970521

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015) MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)						DO NOT BILL FOR TB-LB Remarks
MW-6	1	3	W		1235	HCL	YES	X													

EK 5 11 97

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	5/9/97 1050		SEQ	5/9/97 1050
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	SEQ	5/9/97 1135			
Received By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					5 9 97 1142

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

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

Chain-of-Custody-Record

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number: 9-2384
Facility Address: 15526 Hesperian Blvd., San Lorenzo
Consultant Project Number: 970508-C1
Consultant Name: Blaine Tech Services, Inc.
Address: 1680 Rogers Ave., San Jose, CA 95112
Project Contact (Name): Fran Thie
(Phone): (408)573-0555 (Fax Number): (408)573-7771

Chevron Contact (Name): Tammy Hodge
(Phone): (510) 842-9449
Laboratory Name: Sequoia
Laboratory Release Number: 9021854
Samples Collected by (Name): LAD GILCHRIST
Collection Date: 5-8-97
Signature:

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015) MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	DO NOT BILL FOR TB-LB Remarks
MW-6		3	W		1235	HCL	YES	X								

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	5/9/97 1050		TEQ	5/9/97 1050
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

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

COC-3.DOC/03 91/HCH

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron Burlingame/970508-J2	Sampled: 05/08/97
1680 Rogers Avenue	Sample Descript: TBW-1	Received: 05/09/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 05/13/97
Attention: Fran Thie	Lab Number: 9705529-01	Reported: 05/14/97

QC Batch Number: GC051397BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	77

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Renner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services	Client Proj. ID: Chevron Burlingame/970508-J2	Received: 05/09/97
1680 Rogers Avenue		
San Jose, CA 95112	Lab Proj. ID: 9705529	Reported: 05/14/97
Attention: Fran Thie		

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 3 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (510) 988-9600, FAX (510) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron Burlingame / 970508-J2
Matrix: Liquid
Work Order #: 9705529 -01

Reported: May 15, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC051397BTEX02A	GC051397BTEX02A	GC051397BTEX02A	GC051397BTEX02A	GC051397BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab	A. Miraftab
MS/MSD #:	970549702	970549702	970549702	970549702	970549702
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/13/97	5/13/97	5/13/97	5/13/97	5/13/97
Analyzed Date:	5/13/97	5/13/97	5/13/97	5/13/97	5/13/97
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	8.5	8.4	8.6	27	66
MS % Recovery:	85	84	86	90	110
Dup. Result:	8.8	8.7	8.9	28	69
MSD % Recov.:	88	87	89	93	115
RPD:	3.5	3.5	3.4	3.6	4.4
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK051397	BLK051397	BLK051397	BLK051397	BLK051397
Prepared Date:	5/13/97	5/13/97	5/13/97	5/13/97	5/13/97
Analyzed Date:	5/13/97	5/13/97	5/13/97	5/13/97	5/13/97
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	8.1	8.0	8.2	26	63
LCS % Recov.:	81	80	82	87	105
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

BLAINE TECH SERVICES INC.

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

CHAIN OF CUSTODY 970508-JZ

CLIENT ChlV

SITE Coyote Pt. Marina
Burlingame

LAB SEQ DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND

☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

4705529

SAMPLE I.D.			MATRIX S = SOIL W = H2O	CONTAINERS TOTAL	C = COMPOSITE ALL CONTAINERS	CONDUCT ANALYSIS TO DETECT: TPH-Gas / BTEX / MTBE*	ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
TBW-1	5/8	1115	W	3		X	* Confirm	MTBE	by 8260	

5 9 11 47

SAMPLING COMPLETED	DATE	TIME

SAMPLING PERFORMED BY Matt James

RESULTS NEEDED NO LATER THAN

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	5/9/97	1050		5/9/97	1050
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	5/9/97	1135			
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
			Mara Gruskis	5/9/97	1147

LIA	DATE SENT	TIME SENT	COOLER #	

Field
Data
Sheets

WELL GAUGING DATA

Project # 970331-CC Date 3-31-97 Client Chevron 9-2384

Site 15526 Hesperian Blvd San Lorenzo Ca

Well I.D.	Well Size (in.)	Sheen/ Odor	Depth to Immiscible Liquid (feet)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to Water (feet)	Depth to Well Bottom (feet)	Survey Point: TOB or TOC
mw-5	2					10.10	20.33	Toc
mw-6	2					12.15	12.82	↓
mw-7	2					10.12	21.80	
mw-8	2					11.04	20.41	

CHEVRON WELL MONITORING DATA SHEET

Project #: 970331-C2	Station #: 9-2384
Sampler: K.C	Date: 3-31-97
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 20.33	Depth to Water: 10.10
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 X / Middleburg / Electric Submersible / Extraction Pump / Other: ___

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

1.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 4.8 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:00	64.4	7.4	800	1.5	
14:02	64.6	7.4	800	3.0	
14:04	64.8	7.3	900	5.0	

Did well dewater? Yes (No)	Gallons actually evacuated: 5.0		
Sampling Time: 14:12	Sampling Date: 3-31-97		
Sample I.D.: MW-5	Laboratory: (Sequoia) GTEL 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 #: 970331-CZ	Station #: 9-2384
Sampler: K.C	Date: 3-31-97
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 12.82	Depth to Water: 12.15
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: _____

_____ (1 Case Volume (Gals.)) X _____ (Specified Volumes) = _____ (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
	Insufficient Water Level.				

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Time: MW-6	Sampling Date:		
Sample I.D.:	Laboratory: Sequoia GTEL 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 #: 970331-CZ	Station #: 9-2384
Sampler: M.C	Date: 3-31-97
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 21.80	Depth to Water: 10.12
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	radius² * 0.163

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

Sampling Method: Bailer / Disposable Bailer ✓ / 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
14:20	62.0	7.1	1000	1.5	
14:22	63.6	7.0	800	3.5	
14:24	63.2	7.0	900	5.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 5.5	
Sampling Time: 14:34		Sampling Date: 3-31-97	
Sample I.D.: MW-7		Laboratory: (Sequoia) GTEL 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 #: 970331-CZ	Station #: 9-2384
Sampler: K.C	Date: 3-21-97
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 20.41	Depth to Water: 11.04
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: ____

1.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 4.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:38	66.2	7.4	1400	1.5	
13:390	66.0	7.6	1300	3.0	
13:42	65.8	7.6	1300	4.5	

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Time: 13:50 Sampling Date: 3-21-97

Sample I.D.: MW-8 Laboratory: (Sequoia) GTEL 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

WELL DEVELOPMENT DATA SHEET

Project #: 970508-L1	Client: CHEV 9-2384
Developer: LAD	Date Developed: 5-8-97
Well I.D.: MW-6	Well Diameter: (circle one) (2) 3 4 6 ____
Total Well Depth: Before 12.65 After 23.88	Depth to Water: Before ' After
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):

$(12 \times (d^2/4) \times \pi)/231$

Where
12 = in/foot
d = diameter (in.)
π = 3.1416
231 = in^3/gal

Well dia.	VCF
2"	= 0.16
3"	= 0.37
4"	= 0.65
6"	= 1.47
10"	= 4.06
12"	= 5.87

_____ x _____ = _____

1 Case Volume | Specified Volumes | gallons

Purging Device: Bailer ☐ Electric Submersible ☐
Middleburg ☐ Suction Pump ☐

Type of Installed Pump _____

Other equipment used VACUUM TRUCK/AUGER

TIME	TEMP. (F)	pH	COND.	TURBIDITY	VOLUME REMOVED:	NOTATIONS:
800	AUGERED INTO SAND, BUT IT FALLS OUT OF AUGER (THE SAND IS FILTER PACK SAND, WHICH MEANS THAT THE CASING OR SCREEN HAS BEEN DAMAGED/BROKEN)					
830	SERVICE STATION SYS'S WITH 1" STINGER REMOVED 55 GAL'S WATER AND APPROX 3 (5 GAL) BUCKETS OF SAND					
233 ~~950~~	SAMPLED FOR (TPH-G, BTEX MTBE) ↳ FILTER PACK SAND					
1000	CONTINUED REMOVING SAND + WATER WITH VACUUM TRUCK					
	WELL RECHARGES/@ TOTAL DEPTH @ 22.50'					
1200	REMOVED APPROX. 200 GAL'S OF WATER/6 (5 GAL) BUCKETS OF SAND					
	AT (13'-15') THERE IS A SPOT IN THE CASING WHERE THE 1" PVC HITS AND ALMOST GETS STUCK					

Did Well Dewater? NO If yes, note above. Gallons Actually Evacuated: 250

1230 TD = 23.88 / REMOVED A TOTAL OF 250 GAL'S

CHEVRON WELL MONITORING DATA SHEET

Project #: 970508-L1	Station #: 9-2384
Sampler: LAD	Date: 5-8-97
Well I.D.: 2 MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 23.88	Depth to Water: 13.05
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: VACUUM TRUCK

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

___	X ___	= ___ Gals.
1 Case Volume (Gals.)	Specified Volumes	Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1233	63.2	7.2	800	250	SAMPLED AFTER
					RE-DEVELOPEMENT

Did well dewater? Yes (No)		Gallons actually evacuated: 250	
Sampling Time: 1235		Sampling Date: 5-8-97	
Sample I.D.: MW-6		Laboratory: (Sequoia) GTEL 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