BLAINE
TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
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June 20, 1996

Phil Briggs
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

Second Quarter 1996 Groundwater Monitoring at
2001 Versailles Avenue
Alameda, CA

Monitoring Performed on May 21, 1996

Groundwater Sampling Report **960521-V-1**

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 Chevron's Richmond Refinery 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,

James Keller
Vice President

JPK/lp

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

Professional Engineering Appendix

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	TPH-Diesel	TDS(ppm)	MTBE	TOG
MW-1													
06/01/94	--	--	--	--	600	43	ND	8.9	3.5	340*	740	--	--
08/31/95	13.60	6.57	7.03	--	78	<0.5	<0.5	<0.5	<0.5	1200**	--	--	--
10/27/95	13.60	6.21	7.39	--	<50	<0.5	<0.5	<0.5	<0.5	1100**	--	<2.5	--
01/26/96	13.60	7.48	6.12	--	<50	5.6	<0.5	<0.5	<0.5	920**	--	<2.5	--
02/23/96	13.60	10.30	3.30	--	--	--	--	--	--	--	--	--	<5000
05/21/96	13.60	8.08	5.52	--	<50	<0.5	<0.5	<0.5	<0.5	580	--	<2.5	--
MW-2													
06/01/94	--	--	--	--	ND	ND	ND	ND	ND	270*	--	--	--
08/31/95	12.22	6.20	6.02	--	<50	<0.5	<0.5	<0.5	<0.5	700**	--	--	--
10/27/95	12.22	5.75	6.47	--	<50	<0.5	<0.5	<0.5	<0.5	710**	--	<2.5	--
01/26/96	--	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
02/23/96	--	--	--	Inaccessible	--	--	--	--	--	--	--	--	--
05/21/96	12.22	8.97	3.25	--	<50	<0.5	<0.5	<0.5	<0.5	580**	--	<2.5	<5000
MW-3													
06/01/94	--	--	--	--	360	0.70	ND	ND	0.50	190*	780	--	--
08/31/95	14.41	6.32	8.09	--	56	<0.5	<0.5	<0.5	<0.5	860**	--	--	--
10/27/95	14.41	5.58	8.83	--	<50	<0.5	<0.5	<0.5	<0.5	870**	--	<2.5	--
01/26/96	14.41	8.68	5.73	--	<50	<0.5	<0.5	<0.5	<0.5	530**	--	<2.5	--
02/23/96	14.41	9.47	4.94	--	--	--	--	--	--	--	--	--	<5000
05/21/96	14.41	7.43	6.98	--	<50	<0.5	<0.5	<0.5	<0.5	1000**	--	<2.5	--
MW-4													
05/31/94	--	--	--	--	170	ND	ND	ND	ND	160*	--	--	--
08/31/95	13.70	5.48	8.22	--	<50	<0.5	<0.5	<0.5	<0.5	940**	--	--	--
10/27/95	13.70	5.05	8.65	--	<50	<0.5	<0.5	<0.5	<0.5	570**	--	<2.5	--
01/26/96	13.70	8.35	5.35	--	<50	<0.5	<0.5	<0.5	<0.5	730**	--	<2.5	--
02/23/96	13.70	9.36	4.34	--	--	--	--	--	--	--	--	--	<5000
05/21/96	13.70	6.92	6.78	--	<50	<0.5	<0.5	<0.5	<0.5	500**	--	<2.5	--

* Unknown hydrocarbon found in diesel range qualified as diesel.
** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

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

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS(ppm)	MTBE	TOG
MW-5													
05/31/94	--	--	--	--	140	ND	ND	1.2	ND	620*	--	--	--
08/31/95	12.63	5.37	7.26	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
10/27/95	12.63	4.85	7.78	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	<2.5	--
01/26/96	12.63	8.30	4.33	--	<50	<0.5	<0.5	<0.5	<0.5	1000**	--	<2.5	--
02/23/96	12.63	9.33	3.30	--	--	--	--	--	--	--	--	--	<5000
05/21/96	12.63	6.83	5.80	--	<50	<0.5	<0.5	<0.5	<0.5	160**	--	<2.5	--
MW-6													
05/31/94	--	--	--	--	ND	ND	ND	ND	ND	ND	550	--	550
08/31/95	13.06	4.38	8.68	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
10/27/95	13.06	3.94	9.12	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	<2.5	--
01/26/96	13.06	7.16	5.90	--	<50	<0.5	<0.5	<0.5	<0.5	78**	--	<2.5	--
02/23/96	13.06	8.44	4.62	--	--	--	--	--	--	--	--	--	<5000
05/21/96	13.06	5.73	7.33	--	<50	<0.5	<0.5	<0.5	<0.5	53**	--	<2.5	--
TAP HOSE													
06/01/94	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--	--
WELL													
06/02/94	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--	--

* Unknown hydrocarbon found in diesel range qualified as diesel.
** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

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

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS(ppm)	MTBE	TOG
TRIP BLANK													
08/31/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
10/27/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
01/26/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5	--
05/21/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	<2.5	--

*Chromatagram pattern indicates an unidentified hydrocarbon.

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on August 31, 1995. Earlier field data and analytical results are drawn from Chromalab, Inc. and GeoAnalytical Laboratories, Inc.

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.
TDS = Total Dissolved Solids
MTBE = Methyl t-Butyl Ether
TOG= Total Oil and Grease

Analytical Appendix

Sequoia Analytical

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

Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1

Lab Proj. ID: 9605E92

Sampled: 05/21/96
Received: 05/22/96
Analyzed: see below

Reported: 06/10/96

LABORATORY ANALYSIS

Analyte	Units	Date Analyzed	Detection Limit	Sample Results
Lab No: 9605E92-02				
Sample Desc : **LIQUID,MW-2**				
TRPH (SM 5520 B&F Mod)	mg/L	06/04/96	5.0	N.D.

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-1
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9605E92-01

Sampled: 05/21/96
Received: 05/22/96
Extracted: 05/24/96
Analyzed: 05/26/96
Reported: 06/10/96

QC Batch Number: GC0524960HBPEXB
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**580**
Chromatogram Pattern:		**W-Diesel**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	97

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Peggy Penner
Project Manager

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

Blaine Technical Services	Client Proj. ID: Chevron Former Bulk 960521-V1	Sampled: 05/21/96
985 Timothy Drive	Sample Descript: MW-1	Received: 05/22/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 05/29/96
Attention: Jim Keller	Lab Number: 9605E92-01	Reported: 06/10/96

QC Batch Number: GC052996BTEX02A
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	104

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

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Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-2
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9605E92-02

Sampled: 05/21/96
Received: 05/22/96
Extracted: 05/24/96
Analyzed: 05/25/96
Reported: 06/10/96

QC Batch Number: GC0524960HBPEXB
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**580**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	117

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-2
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9605E92-02

Sampled: 05/21/96
Received: 05/22/96

Analyzed: 05/28/96
Reported: 06/10/96

QC Batch Number: GC052896BTEX20A
Instrument ID: GCHP20

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	121

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

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San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9605E92-03

Sampled: 05/21/96
Received: 05/22/96
Extracted: 05/24/96
Analyzed: 05/25/96
Reported: 06/10/96

QC Batch Number: GC0524960HBPEXB
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**1000**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	106

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9605E92-03

Sampled: 05/21/96
Received: 05/22/96

Analyzed: 05/28/96
Reported: 06/10/96

QC Batch Number: GC052896BTEX21A
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	106

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

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Blaine Technical Services
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Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9605E92-04

Sampled: 05/21/96
Received: 05/22/96
Extracted: 05/24/96
Analyzed: 05/25/96
Reported: 06/10/96

QC Batch Number: GC0524960HBPEXB
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**500**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	102

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9605E92-04

Sampled: 05/21/96
Received: 05/22/96

Analyzed: 05/28/96
Reported: 06/10/96

QC Batch Number: GC052896BTEX20A
Instrument ID: GCHP20

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	102

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

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Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9605E92-05

Sampled: 05/21/96
Received: 05/22/96
Extracted: 05/24/96
Analyzed: 05/25/96
Reported: 06/10/96

QC Batch Number: GC0524960HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**160**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	99

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-5
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9605E92-05

Sampled: 05/21/96
Received: 05/22/96

Analyzed: 05/28/96
Reported: 06/10/96

QC Batch Number: GC052896BTEX20A
Instrument ID: GCHP20

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	104

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

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Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: EPA 8015 Mod
Lab Number: 9605E92-06

Sampled: 05/21/96
Received: 05/22/96
Extracted: 05/24/96
Analyzed: 05/24/96
Reported: 06/10/96

QC Batch Number: GC0524960HBPEXB
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**53**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	99

Results quantitated against a diesel standard.
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
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Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9605E92-06

Sampled: 05/21/96
Received: 05/22/96

Analyzed: 05/28/96
Reported: 06/10/96

QC Batch Number: GC052896BTEX20A
Instrument ID: GCHP20

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	107

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Technical Services
985 Timothy Drive
San Jose. CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron Former Bulk 960521-V1
Sample Descript: TB
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9605E92-07

Sampled: 05/21/96
Received: 05/22/96

Analyzed: 05/28/96
Reported: 06/10/96

QC Batch Number: GC052896BTEX20A
Instrument ID: GCHP20

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

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Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron Former Bulk / 960521-V1
Matrix: Liquid
Work Order #: 9605E92 -02
Reported: Jun 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Total Recoverable Petroleum Hydrocarb.
QC Batch#:	OP0531965520EXA
Analy. Method:	SM 5520 BF-MOD
Prep. Method:	SPE

Analyst:	C. Alcayde
MS/MSD #:	BLK053196
Sample Conc.:	N.D.
Prepared Date:	5/31/96
Analyzed Date:	6/4/96
Instrument I.D.#:	Manual
Conc. Spiked:	10 mg/L
Result:	8.6
MS % Recovery:	86
Dup. Result:	7.7
MSD % Recov.:	77
RPD:	11
RPD Limit:	0-20

LCS #:	BLK060396
Prepared Date:	6/3/96
Analyzed Date:	6/4/96
Instrument I.D.#:	Manual
Conc. Spiked:	10 mg/L
LCS Result:	8.3
LCS % Recov.:	83

MS/MSD	75-125
LCS	80-120
Control Limits	

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

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Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron Former Bulk / 960521-V1
Matrix: Liquid
Work Order #: 9605E92-01
Reported: Jun 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC052996BTEX02A	GC052996BTEX02A	GC052996BTEX02A	GC052996BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9605D7712	9605D7712	9605D7712	9605D7712
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/29/96	5/29/96	5/29/96	5/29/96
Analyzed Date:	5/29/96	5/29/96	5/29/96	5/29/96
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.1	9.1	8.9	26
MS % Recovery:	91	91	89	87
Dup. Result:	8.7	8.7	8.8	25
MSD % Recov.:	87	87	88	83
RPD:	4.5	4.5	1.1	3.9
RPD Limit:	0-25	0-25	0-25	0-25
LCS #:	BLK052996	BLK052996	BLK052996	BLK052996
Prepared Date:	5/29/96	5/29/96	5/29/96	5/29/96
Analyzed Date:	5/29/96	5/29/96	5/29/96	5/29/96
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	8.7	8.5	8.5	26
LCS % Recov.:	87	85	85	87
MS/MSD Control Limits	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Reggy Penner
Project Manager

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

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Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron Former Bulk / 960521-V1
Matrix: Liquid
Work Order #: 9605E92-02, 04-07

Reported: Jun 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC052896BTEX20A	GC052896BTEX20A	GC052896BTEX20A	GC052896BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9605C6803	9605C6803	9605C6803	9605C6803
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/28/96	5/28/96	5/28/96	5/28/96
Analyzed Date:	5/28/96	5/28/96	5/28/96	5/28/96
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	9.8	9.6	29
MS % Recovery:	100	98	96	97
Dup. Result:	10	9.7	9.7	29
MSD % Recov.:	100	97	97	97
RPD:	0.0	1.0	1.0	0.0
RPD Limit:	0-25	0-25	0-25	0-25
LCS #:	BLK052896	BLK052896	BLK052896	BLK052896
Prepared Date:	5/28/96	5/28/96	5/28/96	5/28/96
Analyzed Date:	5/28/96	5/28/96	5/28/96	5/28/96
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	9.5	9.7	29
LCS % Recov.:	100	95	97	97
MS/MSD Control Limits	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron Former Bulk / 960521-V1
Matrix: Liquid
Work Order #: 9605E92-03

Reported: Jun 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC052896BTEX21A	GC052896BTEX21A	GC052896BTEX21A	GC052896BTEX21A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9605C6803	9605C6803	9605C6803	9605C6803
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	5/28/96	5/28/96	5/28/96	5/28/96
Analyzed Date:	5/28/96	5/28/96	5/28/96	5/28/96
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	11	11	11	33
MS % Recovery:	110	110	110	110
Dup. Result:	11	11	11	35
MSD % Recov.:	110	110	110	117
RPD:	0.0	0.0	0.0	5.9
RPD Limit:	0-25	0-25	0-25	0-25
LCS #:	BLK052896	BLK052896	BLK052896	BLK052896
Prepared Date:	5/28/96	5/28/96	5/28/96	5/28/96
Analyzed Date:	5/28/96	5/28/96	5/28/96	5/28/96
Instrument I.D.#:	GCHP21	GCHP21	GCHP21	GCHP21
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	10	10	10	30
LCS % Recov.:	100	100	100	100
MS/MSD Control Limits	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron Former Bulk / 960521-V1
Matrix: Liquid
Work Order #: 9605E92-01-06

Reported: Jun 11, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0524960HBPEXB
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3510
Analyst:	J. Minkel
MS/MSD #:	9605E9004
Sample Conc.:	N.D.
Prepared Date:	5/24/96
Analyzed Date:	5/25/96
Instrument I.D.#:	GCHP4
Conc. Spiked:	1000 µg/L
Result:	900
MS % Recovery:	90
Dup. Result:	990
MSD % Recov.:	99
RPD:	9.5
RPD Limit:	0-50

LCS #:	BLK052896
Prepared Date:	5/28/96
Analyzed Date:	5/28/96
Instrument I.D.#:	GCHP5
Conc. Spiked:	1000 µg/L
LCS Result:	1000
LCS % Recov.:	100

MS/MSD	50-150
LCS	60-140
Control Limits	

SEQUOIA ANALYTICAL

Peggy Renner
Project Manager

Please Note:
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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: Former Signal Bulk Plant
Facility Address: 2001 Versailles Ave., Alameda, CA
Consultant Project Number: 960521-V-1
Consultant Name: Blaine Tech Services, Inc.
Address: 985 Timothy Dr., San Jose, CA 95133
Project Contact (Name): Jim Keller
(Phone) 408 995-5535 (Fax Number) 408 293-8773

Chevron Contact (Name): Phil Briggs
(Phone): (510) 842-9136
Laboratory Name: Sequoia
Laboratory Release Number: 3442430
Samples Collected by (Name): F.A. VANDENBROEK
Collection Date: 5-21-96
Signature:

960SE92

Analyses To Be Performed

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)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520) B+F	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)	MTBE	DO NOT BILL FOR TB-LB / Remarks
MW-1	-01	5	W	G	1149	HCl/none	Y	✓	✓							✓	
MW-2	-02	7			1039			✓	✓	✓						✓	
MW-3	-03	5			1012			✓	✓							✓	
MW-4	-04	5			1114			✓	✓							✓	
MW-5	-05	5			1216			✓	✓							✓	
MW-6	-06	5			0939			✓	✓							✓	
TRIP	-07	3		-	0700			✓								✓	

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	5/22 1115		SEQUOIA	5-22-96 1115
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	Sea.	5-22-96			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					5/22/96 1115

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

03 91/HCH

Field
Data
Sheets

WELL GAUGING DATA

Project # 950521-U-1 Date 5-21-96 Client SIGNAL Bulk Plant Chevron

Site 2001 VERSAILLES Ave Alameda

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-1	2					5.52	22.43	TOC
mw-2	2					3.25	22.09	
mw-3	2					6.98	23.42	
mw-4	2					6.78	21.05	
mw-5	2					5.80	22.08	
mw-6	2					7.33	20.19	

CHEVRON WELL MONITORING DATA SHEET

Project #: 960521-V-1	Station #: Signal Bulk Plant
Sampler: Fred	Start Date: 5-21-96
Well I.D.: MW-1	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 22.43 After	Depth to Water: Before 5.52 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

1 Case Volume	x	Specified Volumes	=	gallons
2.70	x	3	=	8.11

Purging: Bailer
(Disposable Bailer)
Middleburg
Electric Submersible
Extraction Pump
Other ___

Sampling: Bailer
(Disposable Bailer)
Extraction Port
Other ___

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1129	64.8	7.6	1000	>200	2.5	
1134	65.0	7.2	1000	>200	5.0	
1139	65.0	7.2	1000	>2000	8.5	
			Slow to Recharge			

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 8.5

Sampling Time: 1149 Sampling Date: 5-21-96

Sample I.D.: MW-1 Laboratory: SEQ

Analyzed for: (TPH-G BTEX TPH-D) OTHER: MTBE
(Circle)

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:
(Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: 960521-V-1	Station #: Signal Rock Plant
Sampler: Fred	Start Date: 5-21-96
Well I.D.: MW-2	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 22.09 After	Depth to Water: Before 3.25 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

1 Case Volume	x	Specified Volumes	=	gallons
2.69	x	3	=	8.08

Purging: Bailer
~~Disposable Bailer~~
~~Middleburg~~
Electric Submersible
Extraction Pump
Other_____

Sampling: ~~Bailer~~
Disposable Bailer
Extraction Port
Other_____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1022	63.4	7.2	800	>200	3.0	
1026	63.0	7.0	800	>200	6.0	
1029	63.0	7.0	800	>200	8.5	
		Slow to Recharge				

Did Well Dewater? no If yes, gals. Gallons Actually Evacuated: 8.5

Sampling Time: 1039 Sampling Date: 5-21-96

Sample I.D.: Laboratory: SEQ

Analyzed for: ~~TPH-G~~ BTEX ~~TPH-D~~ (B+F) OTHER: 5520+G MTBE
(Circle)

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:
(Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: 960521-V-1	Station #: SIGNAL Bulk Plant
Sampler: Fred	Start Date: 5-21-96
Well I.D.: MW-3	Well Diameter: (circle one) (2) 3 4 6 ____
Total Well Depth: Before 23.42 After	Depth to Water: Before 6.98 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

2.63	x	3	=	7.89
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
~~Disposable Bailer~~
Middleburg
Electric Submersible
Extraction Pump
Other_____

Sampling: ~~Bailer~~
Disposable Bailer
Extraction Port
Other_____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
0955	64.4	7.2	10000	>200	2.5	
0957	64.8	7.0	1000	>200	5.0	
1002	64.8	7.0	1000	>200	8.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 8.0

Sampling Time: 1012 Sampling Date: 5-21-96

Sample I.D.: MW-3 Laboratory: SEQ

Analyzed for: (TPH-G BTEX TPH-D) OTHER: MTBE
(Circle)

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:
(Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: 960521-V-1	Station #: Signal Bulk Plant
Sampler: Fred	Start Date: 5-21-96
Well I.D.: MW-4	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 21.05 After	Depth to Water: Before 6.78 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

1 Case Volume	x	Specified Volumes	=	gallons
2.28	x	3	=	6.84

Purging: Bailer
~~Disposable Bailer~~
Middleburg
Electric Submersible
Extraction Pump
Other ____

Sampling: ~~Bailer~~
Disposable Bailer
Extraction Port
Other ____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1055	65.2	7.4	800	>200	2.5	
1059	65.2	7.4	800	>200	5.0	
1104	65.2	7.4	800	>200	7.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 7.0

Sampling Time: 1114 Sampling Date: 5-21-96

Sample I.D.: MW-4 Laboratory: SEQ

Analyzed for: (TPH-G BTEX TPH-D) OTHER: MTBE
(Circle)

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:
(Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: 960521-V-1	Station #: SIGNAL Bulk Plant
Sampler: Fred	Start Date: 5-21-96
Well I.D.: MW-5	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 22.08 After	Depth to Water: Before 5.8 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

1 Case Volume	x	Specified Volumes	=	gallons
2.60	x	3	=	7.81

Purging: Bailer
~~Disposable Bailer~~
Middleburg
Electric Submersible
Extraction Pump
Other ____

Sampling: Bailer
~~Disposable Bailer~~
Extraction Port
Other ____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1200	65.6	7.8	600	>200	3.0	
1203	65.6	7.8	600	>200	6.0	
1206	65.6	7.8	600	>200	8.0	

Did Well Dewater? If yes, gals. Gallons Actually Evacuated: 8.0

Sampling Time: 1216 Sampling Date: 5-21-96

Sample I.D.: MW-5 Laboratory: SEQ

Analyzed for: (TPH-G BTEX TPH-D) OTHER: MTBE
(Circle)

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:
(Circle)

CHEVRON WELL MONITORING DATA SHEET

Project #: 960521-V-1	Station #: Signal Bulk Plant
Sampler: Todd	Start Date: 5-21-96
Well I.D.: MW-6	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 20.19 After	Depth to Water: Before 7.33 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

1 Case Volume	x	Specified Volumes	=	gallons
2.05	x	3	=	6.17

Purging: ~~Bailer~~ (~~Disposable Bailer~~) Middleburg Electric Submersible Extraction Pump Other_____

Sampling: Bailer (~~Disposable Bailer~~) Extraction Port Other_____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
0930	65.8	7.8	800	>200	2.00	
0933	65.8	7.2	800	>200	4.0	
0936	65.8	7.2	800	>200	6.5	

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 6.5

Sampling Time: 0939 Sampling Date: 5-21-96

Sample I.D.: MW-6 Laboratory: SEQ

Analyzed for: (~~TPH-G~~ BTEX TPH-D) OTHER: MTBE

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER: (Circle)