Chevron

January 30, 1996

Chevron U.S.A. Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Marketing – Northwest Region
Phone 510 842 9500

Ms. Susan Hugo
Alameda Co. Dept. of Environmental Health
1131 Harbor Bay Pkwy, 2nd Floor
Alameda, CA 94502-6577

Re : Chevron Service Station 9-0329
340 Highland Ave., Piedmont, California

Dear Mrs. Hugo :

The enclosed report from Blaine Tech Services dated January 26, 1996 documents the results of the monitoring and sampling event that occurred on January 2, 1996. Results show monitoring wells C-2 and C-3 with non-detectable levels of TPH as gasoline and BTEX while results for C-2 were mixed. Results also show methy t-butyl ether (MTBE) in C-2 at 64000 ppb and C-4 at 34 ppb.

Chevron will continue quarterly monitoring and sampling activities. However, Chevron will await your response on the work plan that was sent to you before proceeding with any additional off-site investigation. If you have any questions or comments, please call me at (510) 842-8752.

Sincerely,
Chevron U.S.A. Products Co.

Kenneth Kan
Engineer

LKAN/90329R06

cc : Mr. Kevin Graves, RWQCB -San Francisco Bay Region
2101 Webster St., Suite 500, Oakland, CA 94612

Mr. Frank Hoffman, Hoffman Investment Company
1760 willow Road, Hillsborough, CA 94010

Mir Ghafari, Chevron Service Station
340 Highland Ave., piedmont, CA 94611

Ms. Bette Owen, Chevron U.S.A. Products Co.

Mr. Mark Sullivan, Pacific Environmental Group
2025 Gateway Place, Suite 440, San Jose, CA 95110

BLAINE
TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773

January 26, 1996

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

1st Quarter 1996 Monitoring at 9-0329

First Quarter 1996 Groundwater Monitoring at
Chevron Service Station Number 9-0329
340 Highland Avenue
Piedmont, CA

Monitoring Performed on January 2, 1996

Groundwater Sampling Report **960102-H-3**

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.

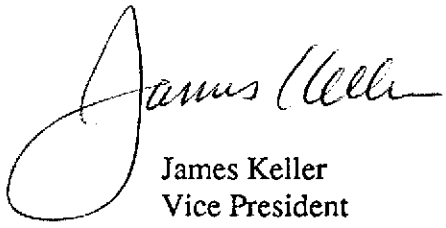
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS.** The full analytical report for the most recent samples is located in the **Analytical Appendix.** The table also contains new groundwater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

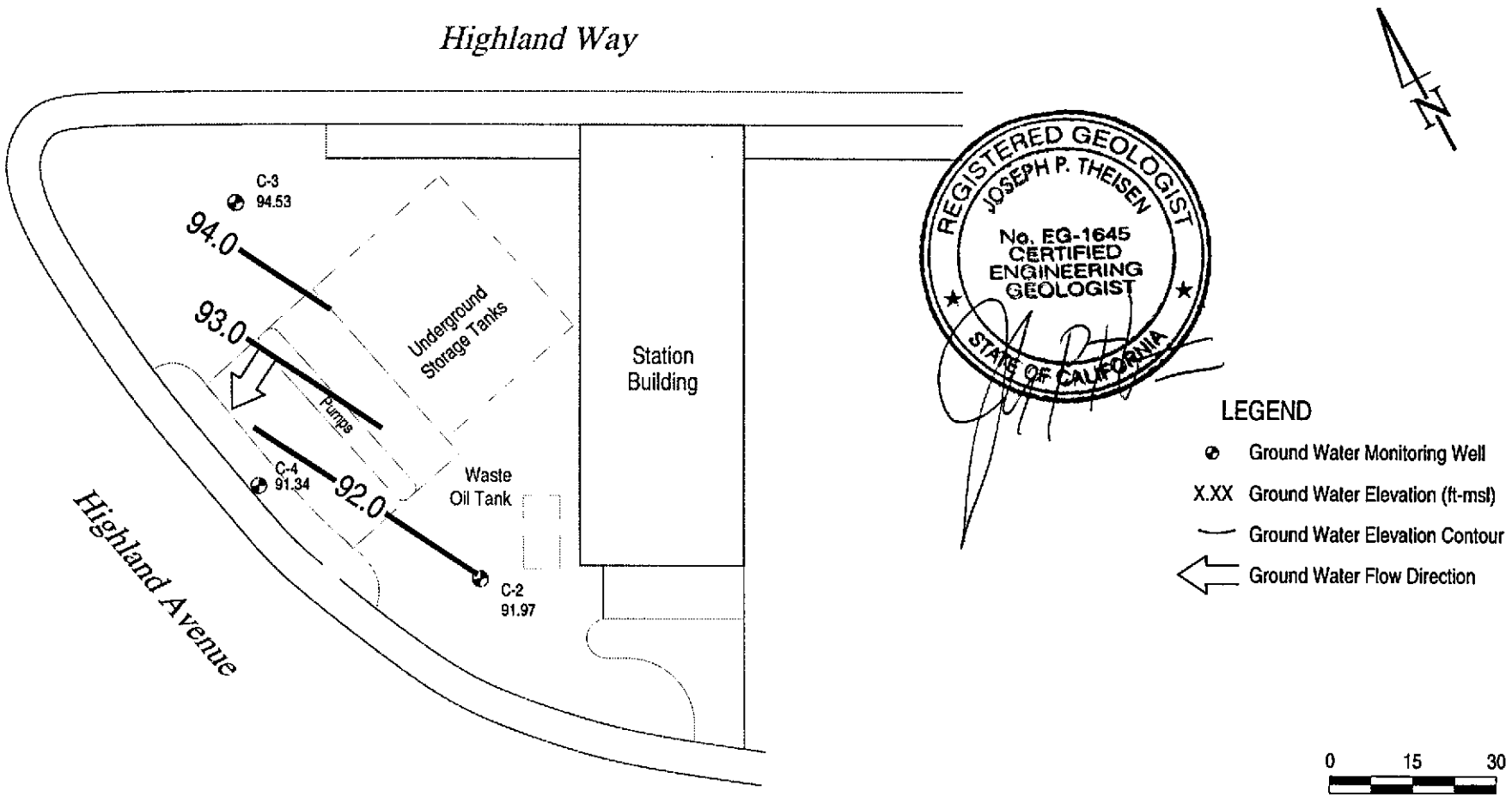


James Keller
Vice President

JPK/dk

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

Professional Engineering Appendix



Base Map by Sierra Environmental

CAMBRIA
Environmental Technology, Inc.

Chevron Station 9-0329
340 Highland Avenue
Piedmont, California

F:\PROJECT\CHEVRON\9-0329\0329-QM.DWG

Ground Water Elevation
January 2, 1996

FIGURE
1

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
C-2										
08/07/89	94.19	91.33	2.88	--	34,000	580	60	170	270	--
11/15/89	94.19	91.39	2.80	--	8100	500	36	420	180	--
02/01/91	94.19	90.41	3.75	--	6800	490	21	310	86	--
04/16/91	94.19	91.64	2.55	--	9600	810	43	550	270	--
10/16/91	94.19	90.67	3.52	--	7100	320	23	200	60	--
01/08/92	94.19	90.04	4.15	SHEEN	2400	190	9.0	83	22	--
04/10/92	94.19	91.23	2.96	SHEEN	6600	550	33	340	170	--
07/14/92	94.19	91.36	2.83	SHEEN	9000	680	330	580	690	--
10/05/92	94.19	89.81	4.38	--	5500	250	17	130	82	--
01/06/93	94.19	90.25	3.94	--	5500	190	32	41	54	--
03/29/93	94.19	92.10	2.09	--	19,000	670	40	180	370	--
07/02/93	94.19	92.10	2.09	--	8000	1100	41	420	500	--
10/11/93	94.19	91.43	2.76	--	42,000	940	34	140	87	--
01/10/94	94.19	89.37	4.82	--	12,000	770	20	220	74	--
04/06/94	94.19	91.70	2.49	--	40,000	820	33	190	110	--
07/06/94	94.19	91.72	2.47	--	8800	870	28	140	95	--
11/11/94	94.19	91.32	2.87	--	8600	460	81	180	120	--
01/06/95	94.19	91.64	2.55	--	15,000	880	48	270	140	--
04/13/95	94.19	92.13	2.06	--	56,000	2500	130	730	360	--
07/25/95	94.19	92.05	2.14	--	11,000	1000	34	540	160	--
10/05/95	94.19	91.68	2.51	--	13,000	1000	<20	160	170	--
01/02/96	94.19	91.97	2.22	--	9500	1300	<50	380	87	64,000

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
C-3										
08/07/89	97.65	93.36	4.29	--	<50	<0.5	<1.0	<1.0	<3.0	--
11/15/89	97.65	92.48	5.17	--	<500	<0.5	2.8	<0.5	1.1	--
02/01/91	97.65	91.27	6.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/16/91	97.65	93.93	3.72	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/16/91	97.65	89.45	8.20	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/92	97.65	90.97	6.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/10/92	97.65	93.15	4.50	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	97.65	91.44	6.21	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/92	97.65	88.34	9.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/93	97.65	94.24	3.41	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/93	97.65	97.15	0.50	--	<50	<0.5	<0.5	<0.5	0.8	--
07/02/93	97.65	95.06	2.59	--	<50	4.0	3.0	<0.5	3.0	--
10/11/93	97.65	92.75	4.90	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/10/94	97.65	93.26	4.39	--	<50	<0.5	1.0	<0.5	0.8	--
04/06/94	97.65	94.97	2.68	--	<50	<0.5	1.0	0.7	4.5	--
07/06/94	97.65	95.55	2.10	--	<50	2.2	4.1	<0.5	2.8	--
11/11/94	97.65	96.42	1.23	--	<50	<0.5	0.8	<0.5	<0.5	--
01/06/95	97.65	97.05	0.60	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/13/95	97.65	97.05	0.60	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/95	97.65	96.00	1.65	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/95	97.65	94.02	3.63	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	97.65	94.53	3.12	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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
C-4										
08/07/89	95.60	--	--	Dry	--	--	--	--	--	Dry
11/15/89	95.60	90.65	4.95	--	1300	2.9	310	0.5	2.9	--
02/01/91	95.60	90.82	4.78	--	72	9.0	<0.5	<0.5	<0.5	--
04/16/91	95.60	95.60	4.83	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/16/91	95.60	91.37	4.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/92	95.60	90.79	4.81	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/10/92	95.60	91.34	4.26	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	95.60	91.32	4.28	--	<50	<0.5	3.8	<0.5	<0.5	--
10/05/92	95.60	91.31	4.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/93	95.60	91.31	4.29	--	<50	0.7	<0.5	<0.5	<0.5	--
03/29/93	95.60	91.30	4.30	--	<50	0.5	1.0	<0.5	2.0	--
07/02/93	95.60	91.38	4.22	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/11/93	95.60	91.30	4.30	--	<50	0.6	<0.5	<0.5	<0.5	--
01/10/94	95.60	91.16	4.44	--	<50	0.7	3.0	<0.5	1.0	--
04/06/94	95.60	91.36	4.24	--	130	2.2	5.4	3.3	24	--
07/06/94	95.60	91.36	4.24	--	99	5.9	7.5	2.0	12	--
11/11/94	95.60	91.39	4.21	--	<50	<0.5	9.5	<0.5	<0.5	--
01/06/95	95.60	91.18	4.42	--	<50	0.7	1.0	<0.5	1.1	--
04/13/95	95.60	91.36	4.24	--	67	0.54	7.2	<0.5	1.1	--
07/25/95	95.60	91.36	4.24	--	390	<2.0	150	<2.0	<2.0	--
10/05/95	95.60	91.22	4.38	--	130	<0.5	66	<0.5	<0.5	--
01/02/96	95.60	91.34	4.26	--	<50	<0.5	<0.5	<0.5	<0.5	34

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
Backfill Well: A										
08/07/89	--	--	2.10	--	1000	50	6.0	5.0	22	--
11/15/89	--	--	2.04	--	3700	98	2.1	4.3	55	--
02/01/91	--	--	3.05	--	36,000	1100	750	130	6100	--
04/16/91	--	--	2.01	--	8000	370	6.0	86	750	--
10/16/91	--	--	4.15	--	--	--	--	--	--	--
Backfill Well: B										
08/07/89	--	--	4.12	--	--	--	--	--	--	--
11/15/89	--	--	--	--	--	--	--	--	--	--
02/01/91	--	--	5.03	--	--	--	--	--	--	--
04/16/91	--	--	4.00	--	--	--	--	--	--	--
10/16/91	--	--	6.24	--	--	--	--	--	--	--

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										
01/06/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/93	--	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--
07/02/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/11/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/10/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/06/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/06/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/11/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/13/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	--	--	--	--	<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 April 13, 1995. Earlier field data and analytical results provided by Sierra Environmental.

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 Technical Services	Client Proj. ID: Chevron 9-0329/960102-H3	Sampled: 01/02/96
985 Timothy Drive	Sample Descript: C-2	Received: 01/03/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/05/96
Attention: Jim Keller	Lab Number: 9601092-01	Reported: 01/10/96

QC Batch Number: GC010596BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**5000**	**9500**
Methyl t-Butyl Ether	**250**	**64000**
Benzene	**50**	**1300**
Toluene	50	N.D.
Ethyl Benzene	**50**	**380**
Xylenes (Total)	**50**	**87**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	111

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 Technical Services	Client Proj. ID: Chevron 9-0329/960102-H3	Sampled: 01/02/96
985 Timothy Drive	Sample Descript: C-3	Received: 01/03/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/05/96
Attention: Jim Keller	Lab Number: 9601092-02	Reported: 01/10/96

QC Batch Number: GC010596BTEX20A
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

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 Technical Services	Client Proj. ID: Chevron 9-0329/960102-H3	Sampled: 01/02/96
985 Timothy Drive	Sample Descript: C-4	Received: 01/03/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/08/96
Attention: Jim Keller	Lab Number: 9601092-03	Reported: 01/10/96

QC Batch Number: GC010896BTEX17A
Instrument ID: GCHP17

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**	**34**
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	109

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 Technical Services	Client Proj. ID: Chevron 9-0329/960102-H3	Sampled: 01/02/96
985 Timothy Drive	Sample Descript: TB	Received: 01/03/96
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/05/96
Attention: Jim Keller	Lab Number: 9601092-04	Reported: 01/10/96

QC Batch Number: GC010596BTEX20A
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	103

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 Technical Services	Client Proj. ID: Chevron 9-0329/960102-H3	Received: 01/03/96
985 Timothy Drive		
San Jose, CA 95133	Lab Proj. ID: 9601092	Reported: 01/10/96
Attention: Jim Keller		

LABORATORY NARRATIVE

TPPH Note: Sample 9601092-01 was diluted 100-fold.

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.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-0329/960102-H3
Matrix: Liquid
Work Order #: 9601092 -01-02, 04

Reported: Jan 16, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC010596BTEX20A	GC010596BTEX20A	GC010596BTEX20A	GC010596BTEX20A
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 #:	9512H8402	9512H8402	9512H8402	9512H8402
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/5/96	1/5/96	1/5/96	1/5/96
Analyzed Date:	1/5/96	1/5/96	1/5/96	1/5/96
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	11	10	32
MS % Recovery:	100	110	100	107
Dup. Result:	9.7	10	9.8	29
MSD % Recov.:	97	100	98	97
RPD:	3.0	9.5	2.0	9.8
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK010596	BLK010596	BLK010596	BLK010596
Prepared Date:	1/5/96	1/5/96	1/5/96	1/5/96
Analyzed Date:	1/5/96	1/5/96	1/5/96	1/5/96
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.7	9.5	9.7	29
LCS % Recov.:	97	95	97	97

MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

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.	Client Project ID:	Chevron 9-0329/960102-H3	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9601092-03	Reported: Jan 16, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC010896BTEX17A	GC010896BTEX17A	GC010896BTEX17A	GC010896BTEX17A
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 #:	9512K4603	9512K4603	9512K4603	9512K4603
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/8/96	1/8/96	1/8/96	1/8/96
Analyzed Date:	1/8/96	1/8/96	1/8/96	1/8/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.7	9.8	9.5	28
MS % Recovery:	97	98	95	93
Dup. Result:	9.7	10	9.7	29
MSD % Recov.:	97	100	97	97
RPD:	0.0	2.0	2.1	3.5
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK010896	BLK010896	BLK010896	BLK010896
Prepared Date:	1/8/96	1/8/96	1/8/96	1/8/96
Analyzed Date:	1/8/96	1/8/96	1/8/96	1/8/96
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.8	10	9.8	29
LCS % Recov.:	98	100	98	97

MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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

Fax copy of Lab Report and COC to Chevron Contact: ☐ 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: 9-0329
Facility Address: 340 Highland Ave., Piedmont, CA
Consultant Project Number: 960102-H3
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): 293-8773

Chevron Contact (Name): Kenneth Kan
(Phone): (510) 842-8752
Laboratory Name: Sequoia
Laboratory Release Number: 2768231
Samples Collected by (Name): TROY N. HORNER
Collection Date: 1/2/96
Signature: Troy N. Horner

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)
C-2	1	3	W		1525	HCL	Y	X							
C-3	2	3	W		1540	HCL	Y	X							
C-4	3	3	W		1605	HCL	Y	X							
TB	A	2	W			HCL	Y	X							

DO NOT BILL FOR TB-LB.

9601092

Remarks

JAN [illegible]23

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Troy N. Horner	BTS	1/3/96 11:15		SEQ	1/3/96 1115
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	SEQ	1/3/96 1215			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					1223 1/3/96

Turn Around Time (Circle Choice)

24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

Field
Data
Sheets

WELL GAUGING DATA

Project # 760102-H3 Date 1/2/96 Client CHEVRON 9-0329

Site 340 HIGHLAND AVE PIEDMONT 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
C-2	2					2.22	15.86	TOC
C-3	2					3.12	14.82	↓
C-4	2					4.26	10.30	↓

CHEVRON WELL MONITORING DATA SHEET

Project #: 960102-H3	Station #: 9-0329
Sampler: TNH	Start Date: 1/2/96
Well I.D.: C-2	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 15.86 After	Depth to Water: Before 2.22 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
2.2	x	3	=	6.6

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

Sampling: Bailer
Disposable Bailer X
Extraction Port
Other ____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1550	77.2	6.2	1000	———	3	ODOR
1555	77.4	6.3	130	———	5	
1600	77.6	6.4	100	———	7	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 7

Sampling Time: 1605	Sampling Date: 1/2/96
Sample I.D.: C-2	Laboratory: SEQ
Analyzed for: (TPH-G) (BTEX) TPH-D OTHER: (Circle) MTBE	
Duplicate I.D.:	Cleaning Blank I.D.:
Analyzed for: TPH-G BTEX TPH-D OTHER: (Circle)	

CHEVRON WELL MONITORING DATA SHEET

Project #: 960102-H3	Station #: 9-0329
Sampler: TNH	Start Date: 1/2/96
Well I.D.: C-3	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 14.82 After	Depth to Water: Before 3.12 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

1.9 (1 Case Volume) x 3 (Specified Volumes) = 5.7 gallons

Purging: Bailer; Disposable Bailer x; Middleburg; Electric Submersible; Extraction Pump; Other ____

Sampling: Bailer; Disposable Bailer x; Extraction Port; Other ____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1515	67.8	6.8	1000	—	2	
1518	69.0	6.2	220	—	4	
1522	70.6	6.3	280	—	6	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6

Sampling Time: 1525 Sampling Date: 1/2/96

Sample I.D.: C-3 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)

CHEVRON WELL MONITORING DATA SHEET

Project #: 960102-H3	Station #: 9-0329
Sampler: TNH	Start Date: 1/2/96
Well I.D.: C-4	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 10.30 After	Depth to Water: Before 4.26 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

1.0	x	3	3.0
1 Case Volume		Specified Volumes	= gallons

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

Sampling: Bailer
Disposable Bailer X
Extraction Port
Other ____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1530	70.8	6.1	180	—	1	
1533	70.0	6.0	160	—	2	
1536	69.6	6.0	160	—	3	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 3

Sampling Time: 1540 Sampling Date: 1/2/96

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

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

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

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