Chevron

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

August 15, 1995

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 dated August 14, 1995 documents the third quarter monitoring and sampling event. Results from this sampling event show monitoring well C-2 with lower concentrations than the previous quarter while C-3 was non-detect for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethylbenzene, and xylene. Results from C-4 show benzene below the detection limit.

With your approval, Touchstone Developments has removed the well installed by RESNA. A copy of their report documenting the work will be sent to your office.

Due to the topography, installing additional wells in this area will be difficult. The conditions that led to the destruction of the off-site well will likely be duplicated if another well was installed. Canonie Environmental documents these condition in their report dated March 7, 1995. Chevron request that the installation of additional well(s) be postponed. Chevron will continue to monitor and sample this site on a quarterly basis.

Please respond to our request. 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/90329R01

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.

BLAINE
TECH SERVICES INC.

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

August 14, 1995

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

3rd Quarter 1995 Monitoring at 9-0329

Third Quarter 1995 Groundwater Monitoring at
Chevron Service Station Number 9-0329
340 Highland Avenue
Piedmont, CA

Monitoring Performed on July 25, 1995

Groundwater Sampling Report **950725-D-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.

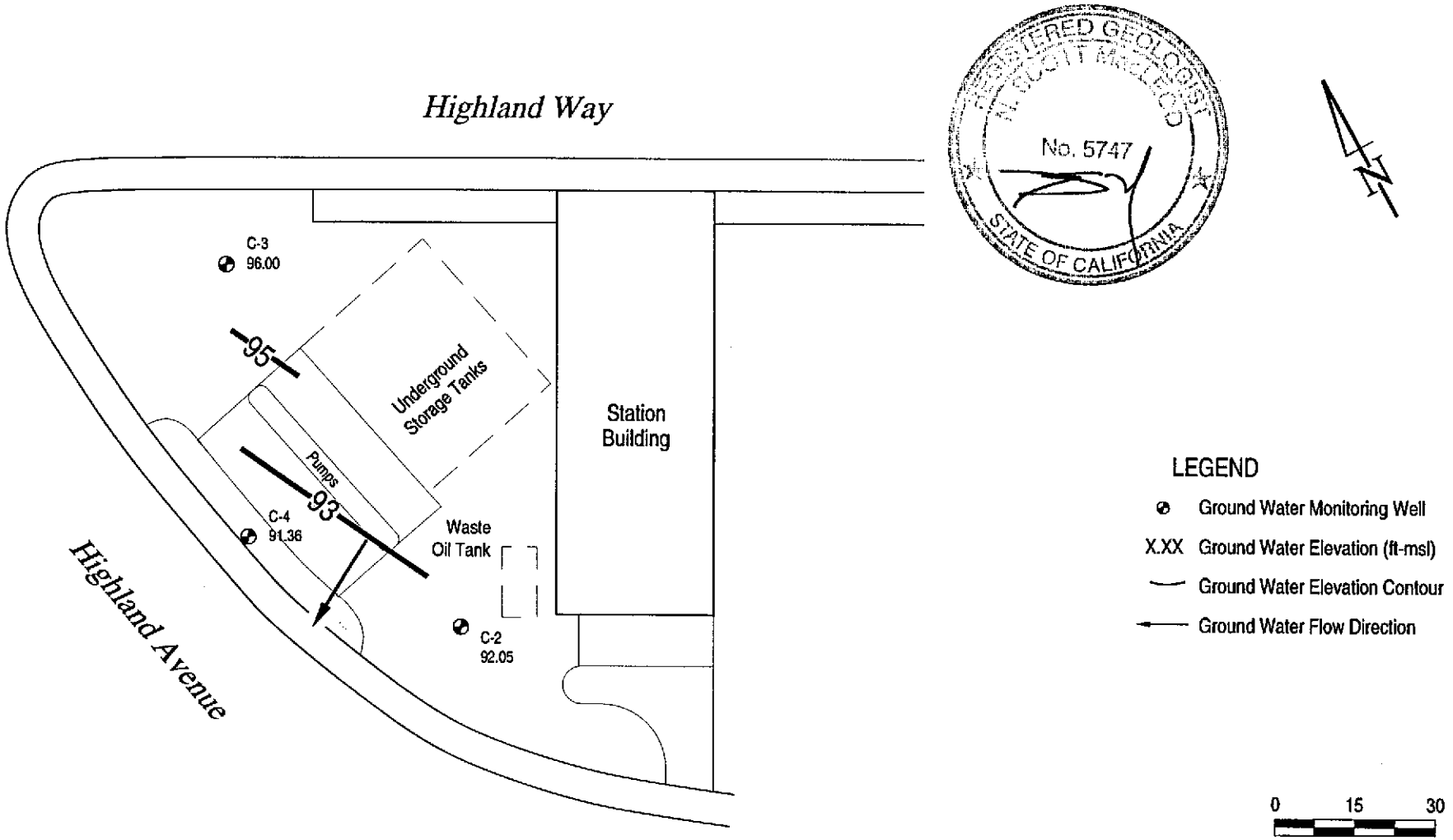
Yours truly,

James Keller
for the Board of Directors

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
July 25, 1995

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
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	--	2400	190	9.0	83	22
04/10/92	94.19	91.23	2.96	--	6600	550	33	340	170
07/14/92	94.19	91.36	2.83	--	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

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
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	<0.5
07/02/93	97.65	95.06	2.59	--	<50	<0.5	<0.5	<0.5	0.8
10/11/93	97.65	92.75	4.90	--	<50	4.0	3.0	<0.5	3.0
01/10/94	97.65	93.26	4.39	--	<50	<0.5	<0.5	<0.5	<0.5
04/06/94	97.65	94.97	2.68	--	<50	<0.5	1.0	<0.5	0.8
07/06/94	97.65	95.55	2.10	--	<50	<0.5	1.0	0.7	4.5
11/11/94	97.65	96.42	1.23	--	<50	2.2	4.1	<0.5	2.8
01/06/95	97.65	97.05	0.60	--	<50	<0.5	0.8	<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

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
C-4									
08/07/89	95.60	--	--	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	<0.5	<0.5	<0.5
10/05/92	95.60	91.31	4.29	--	<50	<0.5	3.8	<0.5	<0.5
01/06/93	95.60	91.31	4.29	--	<50	<0.5	<0.5	<0.5	<0.5
03/29/93	95.60	91.30	4.30	--	<50	0.7	<0.5	<0.5	<0.5
07/02/93	95.60	91.38	4.22	--	<50	0.5	1.0	<0.5	2.0
10/11/93	95.60	91.30	4.30	--	<50	<0.5	<0.5	<0.5	<0.5
01/10/94	95.60	91.16	4.44	--	<50	0.6	<0.5	<0.5	<0.5
04/06/94	95.60	91.36	4.24	--	<50	0.7	3.0	<0.5	1.0
07/06/94	95.60	91.36	4.24	--	130	2.2	5.4	3.3	24
11/11/94	95.60	91.39	4.21	--	99	5.9	7.5	2.0	12
01/06/95	95.60	91.18	4.42	--	<50	<0.5	9.5	<0.5	<0.5
04/13/95	95.60	91.36	4.24	--	<50	0.7	1.0	<0.5	1.1
07/25/95	95.60	91.36	4.24	--	67	0.54	7.2	<0.5	1.1
					390	<2.0	150	<2.0	<2.0

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
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
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

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

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
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron 9-0329/950725-D1
Sample Descript: C-2
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9507G14-01

Sampled: 07/25/95
Received: 07/26/95

Analyzed: 07/29/95
Reported: 08/01/95

QC Batch Number: GC072995BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	1000	11000
Benzene	10	1000
Toluene	10	34
Ethyl Benzene	10	540
Xylenes (Total)	10	160
Chromatogram Pattern:		Gas
Unidentified HC		< C8

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	96

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 Technical Services	Client Proj. ID: Chevron 9-0329/950725-D1	Sampled: 07/25/95
985 Timothy Drive	Sample Descript: C-3	Received: 07/26/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/29/95
Attention: Jim Keller	Lab Number: 9507G14-02	Reported: 08/01/95

QC Batch Number: GC072895BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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	93

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

Blaine Technical Services	Client Proj. ID: Chevron 9-0329/950725-D1	Sampled: 07/25/95
985 Timothy Drive	Sample Descript: C-4	Received: 07/26/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 07/29/95
Attention: Jim Keller	Lab Number: 9507G14-03	Reported: 08/01/95

QC Batch Number: GC072995BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**200**	**390**
Benzene	2.0	N.D.
Toluene	**2.0**	**150**
Ethyl Benzene	2.0	N.D.
Xylenes (Total)	2.0	N.D.
Chromatogram Pattern:		
Discrete Peak		...

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 Technical Services
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: Chevron 9-0329/950725-D1
Sample Descript: TB
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9507G14-04

Sampled: 07/25/95
Received: 07/26/95

Analyzed: 07/29/95
Reported: 08/01/95

QC Batch Number: GC072895BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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	97

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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Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Proj. ID: Chevron 9-0329/950725-D1

Lab Proj. ID: 9507G14

Received: 07/26/95

Reported: 08/01/95

LABORATORY NARRATIVE

TPPH Note: Sample 9507G14-01 was diluted 20-fold.
Sample 9507G14-03 was diluted 4-fold.

SEQUOIA ANALYTICAL

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, Inc.	Client Project ID:	Chevron 9-0329/950725-D1	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9507G14 -01	Reported: Aug 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC072995BTEX03A	GC072995BTEX03A	GC072995BTEX03A	GC072995BTEX03A
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 #:	9507E9707	9507E9707	9507E9707	9507E9707
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/29/95	7/29/95	7/29/95	7/29/95
Analyzed Date:	7/29/95	7/29/95	7/29/95	7/29/95
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.3	9.4	9.3	28
MS % Recovery:	93	94	93	93
Dup. Result:	9.5	9.4	9.3	28
MSD % Recov.:	95	94	93	93
RPD:	2.1	0.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
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

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

Blaine Tech Services, Inc.	Client Project ID:	Chevron 9-0329/950725-D1	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9507G14-02, 04	Reported: Aug 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC072895BTEX20A	GC072895BTEX20A	GC072895BTEX20A	GC072895BTEX20A
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 #:	9507B7002	9507B7002	9507B7002	9507B7002
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/28/95	7/28/95	7/28/95	7/28/95
Analyzed Date:	7/28/95	7/28/95	7/28/95	7/28/95
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.7	9.3	8.8	28
MS % Recovery:	87	93	88	93
Dup. Result:	7.6	8.1	7.7	24
MSD % Recov.:	76	81	77	80
RPD:	13	14	13	15
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
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 9-0329/950725-D1	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9507G14-03	Reported: Aug 7, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC072995BTEX17A	GC072995BTEX17A	GC072995BTEX17A	GC072995BTEX17A
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 #:	9507E9708	9507E9708	9507E9708	9507E9708
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	7/29/95	7/29/95	7/29/95	7/29/95
Analyzed Date:	7/29/95	7/29/95	7/29/95	7/29/95
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	8.3	8.6	8.6	26
MS % Recovery:	83	86	86	87
Dup. Result:	8.9	9.2	9.2	27
MSD % Recov.:	89	92	92	90
RPD:	7.0	6.7	6.7	3.8
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-
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: ☐ 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: 9-0329
Facility Address: 340 Highland Ave., Piedmont, CA
Consultant Project Number: 950725-D1
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): Mike D. / Matt S.
Collection Date: 7/25/95
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)	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. 9507614 Remarks
C-2	1 A-C	3	W	D	935	HCl	Y	X													
C-3	2	3			920			X													
C-4	3	3			900			X													
TB	4 AB	2						X													

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	BTS	7/26/95 10:25	[signature]	Sequoia	7/26/95 10:25
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]		7/26/95			
Received By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			[signature]		7/26/95 1325

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

Field
Data
Sheets

WELL GAUGING DATA

Project # 950725-D1 Date 7/25/95 Client Chev

Site 340 Highland Ave, Piedmont

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					2.14	16.72	TOC
C-3	2					1.65	15.75	"
C-4	2					4.24	10.25	"

CHEVRON WELL MONITORING DATA SHEET

Project #: 950725-D1 Station #: 9-0329

Sampler: M PRATT Start Date: 7-25

Well I.D.: C-2 Well Diameter: (circle one) 2 3 4 6 ___

Total Well Depth: Before 16.72 After Depth to Water: Before 2.14 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

2.3 (1 Case Volume) x 3 (Specified Volumes) = 6.9 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:
9:25	77.6	6.6	700	—	2	SHEEN/ODOR
9:27	77.4	6.4	700	—	4	
9:29	77.4	6.4	700	—	7	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 7.0

Sampling Time: 9:35 Sampling Date: 7-25

Sample I.D.: C-2 Laboratory: SEQ

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 950725-D1 Station #: 20329

Sampler: MD & MAII Start Date: 7-25

Well I.D.: C-3 Well Diameter: (circle one) (2) 3 4 6 ___

Total Well Depth: Before 15.75 After Depth to Water: Before 1.65 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

2.2 (1 Case Volume) x 3 (Specified Volumes) = 6.8 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:
8:50	76.0	7.8	350	—	2.	
8:53	74.2	8.0	250	—	4.	
8:56	73.4	7.8	250	—	7.	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 7.0

Sampling Time: 9:00 Sampling Date: 7-25

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

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

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

Analyzed for: TPH-G BTEX TPH-D OTHER:

CHEVRON WELL MONITORING DATA SHEET

Project #: 950725-D1 Station #: 9-0329

Sampler: DD + MATT Start Date: 7-25

Well I.D.: C-4 Well Diameter: (circle one) 2 3 4 6 ___

Total Well Depth: Before 10.25 After Depth to Water: Before 4.24 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

.9 (1 Case Volume) x 3 (Specified Volumes) = 2.8 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:
910	69.2	7.0	350	—	1	
912	69.4	6.8	350	—	2	
914	69.2	6.8	300	—	3	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 3.0

Sampling Time: 920 Sampling Date: 7-25

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

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

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

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