Reviewed 1/26/95 gl

Chevron

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

Site Assessment & Remediation Group
Phone (510) 842-9500

January 18, 1995

Ms. Juliet Shin
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Chevron Service Station #9-2384
15526 Hesperian Boulevard, San Lorenzo, CA

Dear Ms. Shin:

Enclosed is the Fourth Quarter 1994 Groundwater Monitoring report dated January 16, 1994, prepared by our consultant Blaine Tech Services, Inc. for the above referenced site. As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline (TPH-G) and BTEX. Dissolved concentrations of these constituents observed during the past quarter are consistent with historical results. Depth to ground water was measured at approximately 13.2 to 13.9 feet below grade and the direction of flow is to the west-southwest.

We are currently awaiting a schedule for development of the site from the property owner. The schedule will allow us to determine the most appropriate time to abandon and/or install ground water monitor wells at the site as discussed in my letters of March 1 and March 7, 1994. To date, the property owner has not been able to provide us with such a schedule. Until we receive such a schedule, Chevron will continue to monitor and sample this site on a quarterly basis.

We look forward to discussing this site and our Comprehensive Site Review and Proposed Further Action Plan with you on January 26, 1995. If you have any question or comments, please do not hesitate to contact me at (510) 842-8134.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Ms. B.C. Owen

Mr. Alan Gordon
Gordon Real Estate
524 30th Avenue
San Francisco, CA 94121

File: 9-2384 QM9

BLAINE
TECH SERVICES INC.

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

January 16, 1995

Mark Miller
Chevron U.S.A. Products Company
2410 Camino Ramon
San Ramon, CA 94583-0804

4th Quarter 1994 Monitoring at 9-2384

Fourth Quarter 1994 Groundwater Monitoring at
Chevron Service Station Number 9-2384
15526 Hesperian Blvd.
San Lorenzo, CA

Monitoring Performed on November 28, 1994

Groundwater Sampling Report **941128-M-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 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.

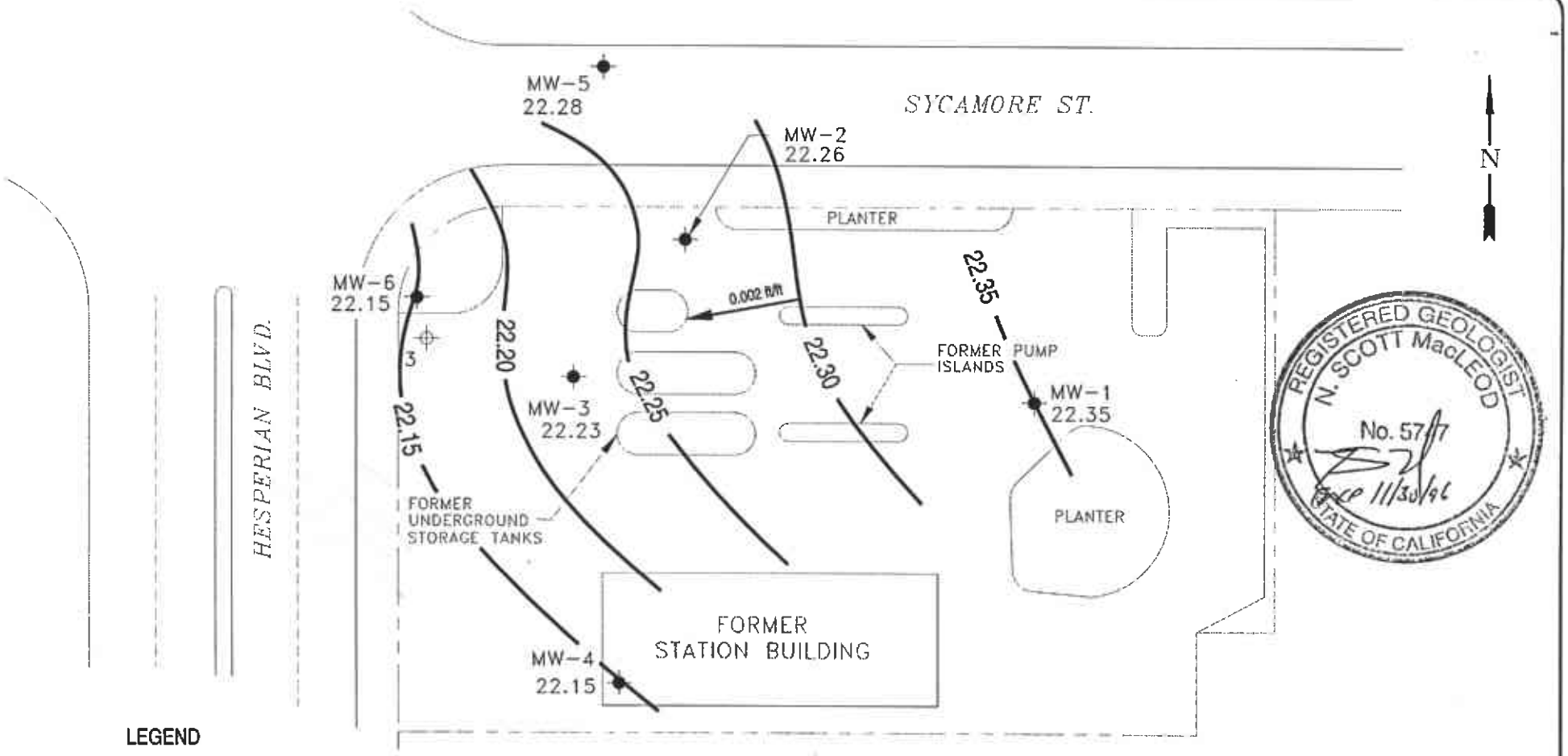
Yours truly,

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



LEGEND

- PROPERTY LINE
- MONITORING WELL
- ABANDONED MONITORING WELL (FORMER LOCATION OF MW-3)
- X.XX — POTENTIOMETRIC SURFACE ELEVATION (FT)
- POTENTIOMETRIC SURFACE CONTOUR
- X.XX — GROUNDWATER FLOW DIRECTION AND GRADIENT

NOTE:

1. CONTOURS REPRESENT APPROXIMATE ELEVATIONS ABOVE MEAN SEA LEVEL.

0 FEET 30
SCALE

Base map from Groundwater Technology, Inc.

CAMBRIA
Environmental Technology, Inc.

Former Chevron Station 9-2384
15526 Hesperian Blvd.
San Lorenzo, California

\CHEVRON\9-2384\2385-QM(4Q94).DWG

Ground Water Elevation

November 28, 1994

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
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
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

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
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
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

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
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
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

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									
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

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

Analytical Appendix

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: 941128-M2, Chevron 9-2384	Sampled: 11/28/94
985 Timothy Drive	Sample Descript: MW-1	Received: 11/29/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/05/94
Attention: Jim Keller	Lab Number: 9411H92-01	Reported: 12/08/94

QC Batch Number: GC120594BTEX02A
Instrument ID: GCHP02

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	96

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: 941128-M2, Chevron 9-2384	Sampled: 11/28/94
985 Timothy Drive	Sample Descript: MW-2	Received: 11/29/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/05/94
Attention: Jim Keller	Lab Number: 9411H92-02	Reported: 12/08/94

QC Batch Number: GC120594BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**210**
Benzene	**0.50**	**0.56**
Toluene	0.50	N.D.
Ethyl Benzene	**0.50**	**1.1**
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Weathered Gas		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
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: 941128-M2, Chevron 9-2384	Sampled: 11/28/94
985 Timothy Drive	Sample Descript: MW-3	Received: 11/29/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/05/94
Attention: Jim Keller	Lab Number: 9411H92-03	Reported: 12/08/94

QC Batch Number: GC120594BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**51**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Weathered Gas		**C7-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	100

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
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
985 Timothy Drive
San Jose, CA 95133

Attention: Jim Keller

Client Proj. ID: 941128-M2, Chevron 9-2384
Sample Descript: MW-4
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9411H92-04

Sampled: 11/28/94
Received: 11/29/94

Analyzed: 12/06/94
Reported: 12/08/94

QC Batch Number: GC120594BTEX02A
Instrument ID: GCHP02

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	100

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
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: 941128-M2, Chevron 9-2384	Sampled: 11/28/94
985 Timothy Drive	Sample Descript: MW-5	Received: 11/29/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/06/94
Attention: Jim Keller	Lab Number: 9411H92-05	Reported: 12/08/94

QC Batch Number: GC120594BTEX02A
Instrument ID: GCHP02

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	99

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
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: 941128-M2, Chevron 9-2384	Sampled: 11/28/94
985 Timothy Drive	Sample Descript: MW-6	Received: 11/29/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/06/94
Attention: Jim Keller	Lab Number: 9411H92-06	Reported: 12/08/94

QC Batch Number: GC120694BTEX17A
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**100**	**1400**
Benzene	**1.0**	**10**
Toluene	1.0	N.D.
Ethyl Benzene	**1.0**	**18**
Xylenes (Total)	**1.0**	**9.8**
Chromatogram Pattern:		
Weathered Gas		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	142 Q

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: 941128-M2, Chevron 9-2384	Sampled: 11/28/94
985 Timothy Drive	Sample Descript: TB	Received: 11/29/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/06/94
Attention: Jim Keller	Lab Number: 9411H92-07	Reported: 12/08/94

QC Batch Number: GC120594BTEX02A
Instrument ID: GCHP02

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	100

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
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: 941128-M2, Chevron 9-2384

Lab Proj. ID: 9411H92

Received: 11/29/94

Reported: 12/08/94

LABORATORY NARRATIVE

Q=Surrogate recovery high due to co-elution

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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Blaine Tech Services, Inc.	Client Project ID:	941128-M2, Chevron 9-2384	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9411H92 -01-05, 07	Reported: Dec 9, 1994

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC120594BTEX02A	GC120594BTEX02A	GC120594BTEX02A	GC120594BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	N/A	N/A	N/A	N/A
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	9411F8101	9411F8101	9411F8101	9411F8101
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	N/A	N/A	N/A	N/A
Analyzed Date:	12/5/94	12/5/94	12/5/94	12/5/94
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.1	9.0	9.1	27
MS % Recovery:	91	90	91	90
Dup. Result:	9.3	9.3	9.5	28
MSD % Recov.:	93	93	95	93
RPD:	2.2	3.3	4.3	3.6
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

Suzanne Chin
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
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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:	941128-M2, Chevron 9-2384	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9411H92-06	Reported: Dec 9, 1994

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC120694BTEX17A	GC120694BTEX17A	GC120694BTEX17A	GC120694BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	N/A	N/A	N/A	N/A
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	941204310	941204310	941204310	941204310
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	N/A	N/A	N/A	N/A
Analyzed Date:	12/6/94	12/6/94	12/6/94	12/6/94
Instrument I.D.#:	GCHP17	GCHP17	GCHP17	GCHP17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	9.9	9.8	30
MS % Recovery:	100	99	98	100
Dup. Result:	9.3	9.0	9.0	27
MSD % Recov.:	93	90	90	90
RPD:	7.3	9.5	8.5	11
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

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.

SEQUOIA ANALYTICAL

Suzanne Chin
Project Manager

** 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 94128-H2
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) Mark Miller
(Phone) (510) 842-8134
Laboratory Name Sequoia
Laboratory Release Number 2172510
Samples Collected by (Name) MILLMANUS/TROY
Collection Date 11-28-94
Signature Mike Manus

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)	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-1	01+C	3	W			HCL	Y	X												
MW-2	02	3						X												9411H92
MW-3	03	3						X												
MW-4	04	3						X												
MW-5	05	3						X												
MW-6	06+	3						X												
TB	01AB	2						X												
																				9°C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Mike Manus	BTS	11/29/94 1037	[illegible]	Sequoia	11/29/94 1037
[illegible]	Sequoia	11/29/94 1200	Received By (Signature)	Organization	Date/Time
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
			D.J.		11/29/94 1200

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

COC-3.DWG/03 91/HCH

WELL GAUGING DATA

Project # 941125-MS Date 11-28-94 Client 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-1	2					13.30	23.30	TOC
MW-2	2					13.60	22.90	"
MW-3	2					13.20	22.16	"
MW-4	2					13.58	24.64	"
MW-5	2					13.22	21.10	"
MW-6	2	ODOR				13.86	24.54	"

CHEVRON WELL MONITORING DATA SHEET

Project #: 94128-M2	Station # 9-2384
Sampler: MIKE WATKINS	Date Sampled: 11-28
Well I.D.: MW-1	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 23.30 After	Depth to Water: Before 13.30 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

1.7	x	3	=	5.1
1 Case Volume		Specified Volumes		gallons

Purging: ~~Bailer~~ (Bailer)
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer DISP
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
16:04	62.6	7.4	800	—	2	
16:07	59.8	7.3	800	—	4	
16:12	59.8	7.3	800	—	5.5	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 5.5

Sampling Time: 16:15

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

Analyzed for: TPH6, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 941128-M2	Station # 9-2384
Sampler: TNH	Date Sampled: 11/28/94
Well I.D.: MW-2	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 24.54 After	Depth to Water: Before 13.86 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

1.5 (1 Case Volume) x 3 (Specified Volumes) = 4.5 (gallons)

Purging: Bailer ~~DEDICATED~~ Middleburg Electric Submersible Suction Pump Type of Installed Pump ___

Sampling: Bailer ~~DISPOSABLE~~ Middleburg Electric Submersible Suction Pump Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
16:55	56.4	6.2	1485	—	1.7	
17:00	56.1	6.1	1540	—	3.5	
17:05	56.1	6.1	1493	—	5.5	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 5.5

Sampling Time: 17:10

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

Analyzed for: TPHG, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 941128-M2	Station # 9-2384
Sampler: TNH	Date Sampled: 11/28/94
Well I.D.: MW-3	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 13.20 After	Depth to Water: Before 22.10 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

1.4 (1 Case Volume) x 3 (Specified Volumes) = 4.2 gallons

Purging: Bailer* DEDICATED
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump ____

Sampling: Bailer* DISPOSABLE
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
16:10	61.4	8.1	16.67	—	1.5	
16:15	63.1	7.8	1682	—	3	
16:20	63.6	7.6	1728	—	4.5	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 4.5

Sampling Time: 16:25

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

Analyzed for: TPHG, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 9411 28-M2	Station # 9-2384
Sampler: MIKE MYERS	Date Sampled: 11-28
Well I.D.: MW-4	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 24.64 After	Depth to Water: Before 13.58 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other --

1.9	x	3	=	5.6
1 Case Volume		Specified Volumes		gallons

Purging: (Bailer) Middleburg Electric Submersible Suction Pump Type of Installed Pump ____

Sampling: (Bailer) DISP Middleburg Electric Submersible Suction Pump Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
16:27	59.4	7.1	1200	—	2	
16:31	58.0	7.1	1150	—	4	
16:35	57.8	7.1	1150	—	6	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.0

Sampling Time: 16:40

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

Analyzed for: TPH6, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 94128-M2	Station # 9-2384
Sampler: MIKE HUGHES	Date Sampled: 11-28
Well I.D.: MW-5	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 21.10 After	Depth to Water: Before 13.22 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

1.3	x	3	=	4.0
1 Case Volume		Specified Volumes		gallons

Purging: (Bailer) Middleburg Electric Submersible Suction Pump Type of Installed Pump ____

Sampling: (Bailer) ASP Middleburg Electric Submersible Suction Pump Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
16:54	59.0	7.3	1800		1.5	6 GAL H2O
16:57	58.8	7.3	1800		3.0	
17:01	59.1	7.3	1800		4.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 4.0

Sampling Time: 17:05

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

Analyzed for: TPH G, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 941128-M2	Station # 9-2384
Sampler: TNH	Date Sampled: 11/28/94
Well I.D.: MW-6	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 13.60 After	Depth to Water: Before 22.90 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

1.7 (1 Case Volume) x 3 (Specified Volumes) = 5.1 gallons

Purging: Bailer *DEDICATED
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer * DISPOSABLE
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
16:35	58.3	7.1	1378	~~~~	1.5	
16:40	60.4	7.2	1437	~~~~	3	
16:45	61.8	7.3	1450	~~~~	4.5	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 4.5

Sampling Time: 16:50

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

Analyzed for: TPHG, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations: