Chevron

February 16, 1996

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

Mark A. Miller
SAR Engineer
Phone No. 510 842-8134
Fax No. 510 842-8252

Mr. Scott Seery
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Service Station #9-6991
2920 Castro Valley Boulevard, Castro Valley, CA

Dear Mr. Seery:

Enclosed is the Fourth Quarter 1995 Groundwater Monitoring Report dated January 31, 1996, 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, total petroleum hydrocarbons as diesel, and BTEX. Dissolved concentrations of these constituents were consistent with previous measurements at the site. Depth to ground water was measured at 9.7 to 11.2 feet below grade and the direction of flow is to the southwest.

Chevron will implement the modified ground water monitoring and sampling plan referenced in our prior correspondence. Monitor wells MW-2 and MW-5 will be monitored and sampled semi-annually during the second and fourth quarters. Monitor well MW-7 will be monitored and sampled quarterly, with results being reported semi-annually.

We invite your comments on this proposed course of action and will move forward with these modifications unless we hear otherwise. If you have any questions or comments, please feel free to contact me at (510) 842-8134.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosures

cc: Mr. J.H. Ough

No - See our letter dated 1/10/96. Confirmed w/ Phil Briggs on 1/8/2, 1996 that they are sampling per our letter dated 1/10/96

BLAINE
TECH SERVICES INC.

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

January 31, 1996

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

4th Quarter 1995 Monitoring at 9-6991

Fourth Quarter 1995 Groundwater Monitoring at
Chevron Service Station Number 9-6991
2920 Castro Valley Blvd.
Castro Valley, CA

Monitoring Performed on December 28, 1995

Groundwater Sampling Report **951228-D-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.

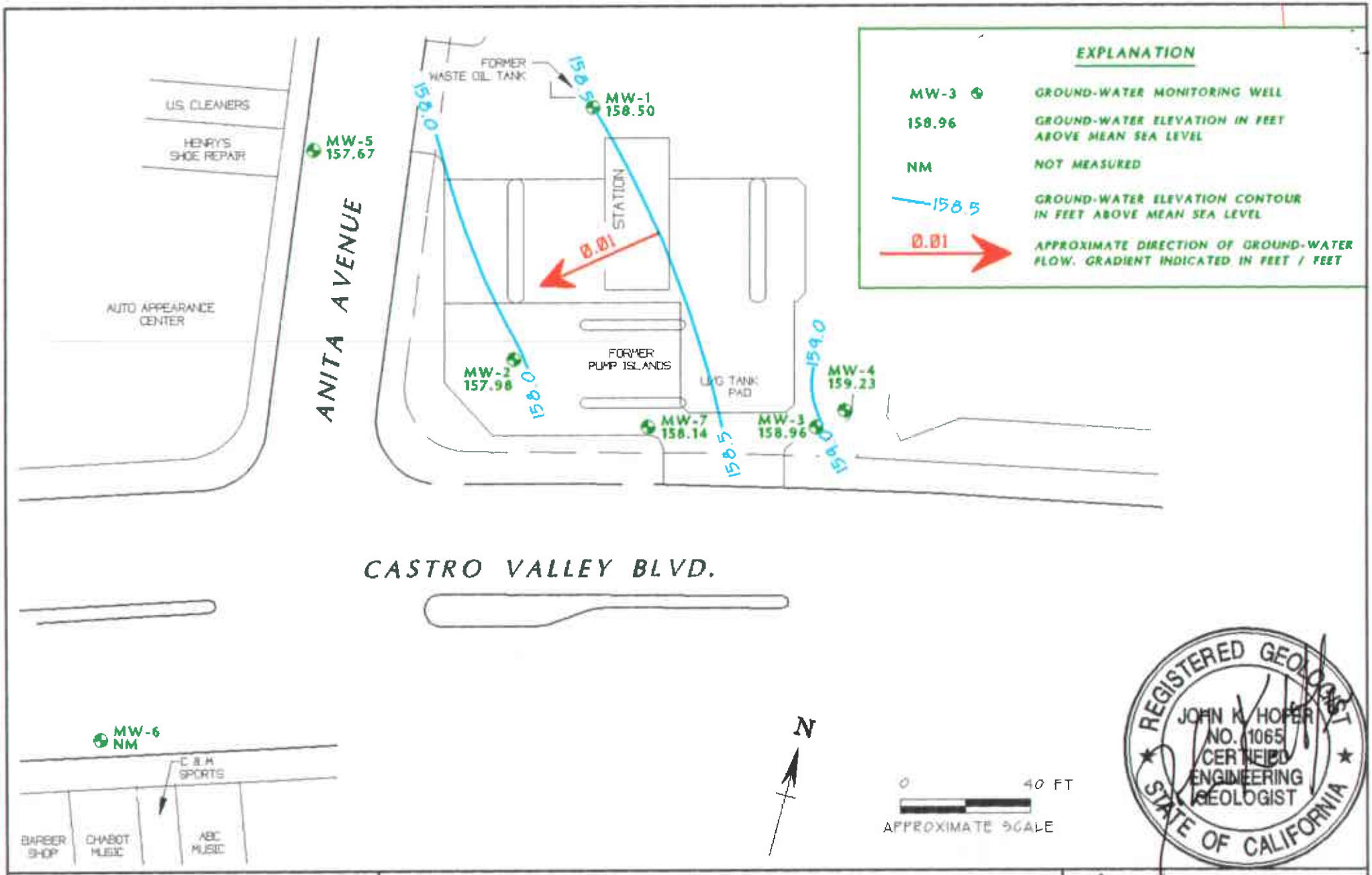
Yours truly,

James Keller
Vice President

JPK/dk

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

Professional Engineering Appendix



NOTES:

TITLE : GROUND-WATER ELEVATION CONTOUR MAP - DECEMBER 28, 1995

LOCATION : CHEVRON SERVICE STATION #9-6991
2920 CASTRO VALLEY BOULEVARD, CASTRO VALLEY, CALIFORNIA

SOURCE : CAMBRIA ENVIRONMENTAL TECHNOLOGY, INC

GEOCONSULTANTS, INC
SAN JOSE, CALIFORNIA
Project No. G758-09
DRWG NO: WI22895 REV:

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	TOG	MTBE
MW-1												
10/08/91	169.30	158.20	11.10	--	230	45	<0.5	0.9	9.1	--	<5000	--
11/04/91	169.30	158.27	11.03	--	340	120	<0.5	<0.5	6.1	--	--	--
12/04/91	169.30	158.25	11.05	--	<50	3.9	<0.5	<0.5	<0.5	170	<5000	--
06/05/92	169.30	158.26	11.04	--	100	26	0.6	0.5	1.0	<50	--	--
10/27/92	169.30	158.20	11.10	--	<50	11	<0.5	<0.5	<0.5	54	--	--
12/30/92	169.30	--	--	--	<50	24	<0.5	<0.5	<0.5	170	--	--
01/27/93	169.30	158.67	10.63	--	--	--	--	--	--	--	--	--
03/05/93	169.30	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
03/17/93	169.30	158.59	10.71	--	--	--	--	--	--	--	--	--
06/18/93	169.30	158.29	11.01	--	<50	0.6	<0.5	<0.5	<1.5	<50	--	--
09/28/93	169.30	157.35	11.95	--	<50	0.8	<0.5	<0.5	<1.5	<50	--	--
12/30/93	169.30	158.34	10.96	--	<50	8.5	<0.5	<0.5	<0.5	<50	--	--
04/07/94	169.30	158.49	10.81	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
05/31/94	169.30	158.38	10.92	--	<50	1.0	<0.5	<0.5	<0.5	<50	--	--
09/23/94	169.30	158.40	10.90	--	<50	1.3	<0.5	<0.5	<0.5	<50	--	--
11/30/94	169.30	158.76	10.54	--	<50	8.9	<0.5	<0.5	<0.5	570*	--	--
03/30/95	169.30	158.60	10.70	--	<50	<0.5	<0.5	<0.5	<0.5	110**	--	--
06/06/95	169.30	158.38	10.92	--	61	15	<0.5	<0.5	<0.5	570**	--	--
09/25/95	169.30	158.30	11.00	--	<50	4.7	<0.5	<0.5	<0.5	550**	--	--
12/28/95	169.30	158.50	10.80	--	72	9.1	0.65	<0.5	<0.5	330**	--	6.0

* Chromatogram pattern indicates a non-diesel mix.
** 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	TOG	MTBE
MW-2												
10/08/91	169.15	157.20	11.95	--	110	5.1	1.1	0.8	26	--	--	--
11/19/91	169.15	157.40	11.75	--	120	11	1.1	<0.5	17	--	--	--
12/04/91	169.15	157.35	11.80	--	440	30	2.5	<0.5	52	130	--	--
06/05/92	169.15	157.35	11.80	--	80	13	<0.5	<0.5	1.0	130	--	--
10/27/92	169.15	157.15	12.00	--	54	13	<0.5	<0.5	<0.5	110	--	--
12/30/92	169.15	--	--	--	180	30	<0.5	<0.5	1.0	92	--	--
01/27/93	169.15	158.24	10.91	--	--	--	--	--	--	--	--	--
03/05/93	169.15	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
03/17/93	169.15	158.26	10.89	--	--	--	--	--	--	--	--	--
06/18/93	169.15	157.41	11.74	--	<50	1.4	<0.5	<0.5	<1.5	<50	--	--
09/28/93	169.15	157.97	11.18	--	<50	0.6	<0.5	<0.5	<1.5	<50	--	--
12/30/93	169.15	158.34	21.00	--	<50	0.9	<0.5	<0.5	<0.5	<50	--	--
04/07/94	169.15	158.40	10.75	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
05/31/94	169.15	158.35	10.80	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
09/23/94	169.15	157.50	11.65	--	<50	0.7	<0.5	<0.5	<0.5	120	--	--
11/30/94	169.15	158.41	10.74	--	55	2.9	<0.5	1.4	0.94	570*	--	--
03/30/95	169.15	158.25	10.90	--	91	4.5	<0.5	3.8	<0.5	430**	--	--
06/06/95	169.15	157.73	11.42	--	<50	<0.5	<0.5	<0.5	<0.5	410**	--	--
09/25/95	169.15	157.52	11.63	--	<50	<0.5	<0.5	<0.5	<0.5	220**	--	--
12/28/95	169.15	157.98	11.17	--	<2000	<20	<20	<20	<20	120**	--	5000

* Chromatogram pattern indicates a non-diesel mix + discrete peaks.
** 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	MTBE	TPH-Diesel	TOG
MW-3												
10/08/91	169.11	160.84	8.27	--	81	1.9	0.7	0.8	2.4	--	--	--
11/04/91	169.11	158.26	10.85	--	60	<0.5	<0.5	<0.5	<0.5	--	--	--
12/04/91	169.11	158.06	11.05	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
06/05/92	169.11	157.96	11.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	170	--
10/27/92	169.11	157.51	11.60	--	<50	<0.5	<0.5	<0.5	<0.5	--	120	--
12/30/92	169.11	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	170	--
01/27/93	169.11	160.00	9.11	--	--	--	--	--	--	--	--	--
03/05/93	169.11	--	--	--	--	--	--	--	--	--	--	--
03/17/93	169.11	159.16	9.95	--	--	--	--	--	--	--	--	--
06/18/93	169.11	158.22	10.89	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
09/28/93	169.11	159.49	9.62	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
12/30/93	169.11	159.80	9.31	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
04/07/94	169.11	160.30	8.81	--	<50	<0.5	<0.5	<0.5	<0.5	--	<10	--
05/31/94	169.11	160.21	8.90	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/23/94	169.11	158.48	10.63	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	169.11	160.19	8.92	Inaccessible	--	--	--	--	--	Inaccessible	--	--
03/30/95	169.11	160.01	9.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	290*	--
06/06/95	169.11	158.79	10.32	--	<50	<0.5	<0.5	<0.5	<0.5	--	150*	--
09/25/95	169.11	158.11	11.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	260*	--
12/28/95	169.11	158.96	10.15	--	<250	<2.5	<2.5	<2.5	<2.5	1400	200*	--

* 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	MTBE	TPH-Diesel	TOG
MW-4												
10/27/92	169.18	157.79	11.39	--	<50	<0.5	0.6	0.5	4.3	--	<50	--
12/30/92	169.18	159.05	10.13	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
01/27/93	169.18	160.09	9.09	--	--	--	--	--	--	--	--	--
03/05/93	169.18	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/17/93	169.18	159.28	9.90	--	--	--	--	--	--	--	--	--
06/18/93	169.18	158.50	10.68	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
09/28/93	169.18	159.82	9.36	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
12/30/93	169.18	159.91	9.27	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
04/07/94	169.18	160.37	8.81	--	<50	<0.5	<0.5	<0.5	<0.5	--	<10	--
05/31/94	169.18	160.27	8.91	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/23/94	169.18	158.79	10.39	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	169.18	160.08	9.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	58*	--
03/30/95	169.18	160.66	8.52	--	<50	<0.5	<0.5	<0.5	<0.5	--	61**	--
06/06/95	169.18	158.70	10.48	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/25/95	169.18	158.38	10.80	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
12/28/95	169.18	159.23	9.95	--	<50	<0.5	<0.5	<0.5	<0.5	9.9	<50	--

* Chromatogram pattern indicates a non-diesel mix.
** 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	MTBE	TPH-Diesel	TOG
MW-5												
10/27/92	167.41	157.46	9.95	--	74	<0.5	<0.5	0.6	7.1	--	<50	--
12/30/92	167.41	158.21	9.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
01/27/93	167.41	157.80	9.61	--	--	--	--	--	--	--	--	--
03/05/93	167.41	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
03/17/93	167.41	157.90	9.51	--	--	--	--	--	--	--	--	--
06/18/93	167.41	157.56	9.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/28/93	167.41	157.55	9.86	--	<50	<0.5	<0.5	<0.5	<1.5	--	<50	--
12/30/93	167.41	157.08	10.33	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
04/07/94	167.41	157.69	9.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	<10	--
05/31/94	167.41	157.68	9.73	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/23/94	167.41	157.56	9.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
11/30/94	167.41	157.73	9.68	--	<50	<0.5	<0.5	<0.5	<0.5	--	79*	--
03/30/95	167.41	157.79	9.62	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
06/06/95	167.41	157.55	9.86	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
09/25/95	167.41	157.56	9.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
12/28/95	167.41	157.67	9.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	<50	--
MW-6												
10/27/92	166.46	153.92	12.54	--	600	22	22	24	130	--	<50	--
12/30/92	166.46	156.26	10.20	--	1700	170	16	46	160	--	470	--
01/27/93	166.46	156.44	10.02	--	--	--	--	--	--	--	--	--
03/05/93	166.46	--	--	--	480	76	0.9	3.1	7.1	--	150	--
03/17/93	166.46	155.79	10.67	--	--	--	--	--	--	--	--	--
06/18/93	166.46	154.63	11.83	--	240	37	3.4	2.9	18	--	51	--
09/28/93	166.46	154.90	11.56	--	150	11	1.2	1.3	4.3	--	120	--
12/30/93	166.46	154.81	11.65	--	680	77	5.1	5.5	13	--	290	--
04/07/94	166.46	155.34	11.12	--	190	24	2.9	1.9	8.0	--	<10	--
05/31/94	166.46	--	--	--	--	--	--	--	--	--	--	--
09/23/94	166.46	155.05	11.41	--	--	--	--	--	--	--	--	--
11/30/94	166.46	156.58	9.88	--	320	49	0.58	1.4	1.2	--	150*	--

NO LONGER MONITORED OR SAMPLED.

* Chromatogram pattern indicates a non-diesel mix.

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	TPH-Diesel	TOG
MW-7												
09/25/95	168.80	157.20	11.60	--	220	0.79	<0.5	0.67	<0.5	--	1400*	--
12/28/95	168.80	158.14	10.66	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	590*	--
TRIP BLANK												
10/08/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/04/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/04/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<50	--
06/05/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/27/93	--	--	--	--	--	--	--	--	--	--	<50	--
03/05/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93	--	--	--	--	--	--	--	--	--	--	--	--
06/18/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
09/28/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--

* Chromatogram pattern indicates an unidentified hydrocarbon.

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

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
MTBE = Methyl t-butyl ether
TOG = Total Oil and Grease

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 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-1	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	Extracted: 12/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 12/30/95
Attention: Jim Keller	Lab Number: 9512J57-01	Reported: 01/08/96

QC Batch Number: GC1229950HBPEXC
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**330**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	112

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

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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 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-1	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/29/95
Attention: Jim Keller	Lab Number: 9512J57-01	Reported: 01/08/96

QC Batch Number: GC122995BTEX07A
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**72**
Methyl t-Butyl Ether	**2.5**	**6.0**
Benzene	**0.50**	**9.1**
Toluene	**0.50**	**0.65**
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		**Gas**
Discrete Peak		**....**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	94

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-2	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	Extracted: 12/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 12/30/95
Attention: Jim Keller	Lab Number: 9512J57-02	Reported: 01/08/96

QC Batch Number: GC1229950HBPEXC
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**120**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	109

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

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Project Manager

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-2	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/04/96
Attention: Jim Keller	Lab Number: 9512J57-02	Reported: 01/08/96

QC Batch Number: GC010496BTEX06A
Instrument ID: GCHP06

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	2000	N.D.
Methyl t-Butyl Ether	**100**	**5000**
Benzene	20	N.D.
Toluene	20	N.D.
Ethyl Benzene	20	N.D.
Xylenes (Total)	20	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.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-3	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	Extracted: 12/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 12/31/95
Attention: Jim Keller	Lab Number: 9512J57-03	Reported: 01/08/96

QC Batch Number: GC1229950HBPEXC
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**200**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	118

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

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-3	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/03/96
Attention: Jim Keller	Lab Number: 9512J57-03	Reported: 01/08/96

QC Batch Number: GC010396BTEX22A
Instrument ID: GCHP22

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	250	N.D.
Methyl t-Butyl Ether	**12**	**1400**
Benzene	2.5	N.D.
Toluene	2.5	N.D.
Ethyl Benzene	2.5	N.D.
Xylenes (Total)	2.5	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

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-4	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	Extracted: 12/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 12/30/95
Attention: Jim Keller	Lab Number: 9512J57-04	Reported: 01/08/96

QC Batch Number: GC1229950HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	79

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

Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-4	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/29/95
Attention: Jim Keller	Lab Number: 9512J57-04	Reported: 01/08/96

QC Batch Number: GC122995BTEX07A
Instrument ID: GCHP07

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**	**9.9**
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	72

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-5	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	Extracted: 12/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 12/30/95
Attention: Jim Keller	Lab Number: 9512J57-05	Reported: 01/08/96

QC Batch Number: GC1229950HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	79

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

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-5	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/29/95
Attention: Jim Keller	Lab Number: 9512J57-05	Reported: 01/08/96

QC Batch Number: GC122995BTEX07A
Instrument ID: GCHP07

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

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

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	73

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

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-7	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	Extracted: 12/29/95
	Analysis Method: EPA 8015 Mod	Analyzed: 12/30/95
Attention: Jim Keller	Lab Number: 9512J57-06	Reported: 01/08/96

QC Batch Number: GC1229950HBPEXC
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**590**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	75

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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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: MW-7	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/29/95
Attention: Jim Keller	Lab Number: 9512J57-06	Reported: 01/08/96

QC Batch Number: GC122995BTEX07A
Instrument ID: GCHP07

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	70

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Sampled: 12/28/95
985 Timothy Drive	Sample Descript: TB	Received: 12/28/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 01/03/96
Attention: Jim Keller	Lab Number: 9512J57-07	Reported: 01/24/96

QC Batch Number: GC010396BTEX22A
Instrument ID: GCHP22

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	107

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager

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Blaine Technical Services	Client Proj. ID: Chevron 9-6991/951228-D2	Received: 12/28/95
985 Timothy Drive San Jose, CA 95133	Lab Proj. ID: 9512J57	Reported: 01/24/96
Attention: Jim Keller		

LABORATORY NARRATIVE

TPPH Note: Sample 9512J57-02 was diluted 40-fold.
Sample 9512J57-03 was diluted 5-fold.

Please note:

Report revised 1/24/95.

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 9-6991/951228-D2
Matrix: Liquid
Work Order #: 9512J57 -01, 04-06
Reported: Jan 10, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC122995BTEX07A	GC122995BTEX07A	GC122995BTEX07A	GC122995BTEX07A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9512I3501	9512I3501	9512I3501	9512I3501
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/29/95	12/29/95	12/29/95	12/29/95
Analyzed Date:	12/29/95	12/29/95	12/29/95	12/29/95
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
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	33
MSD % Recov.:	110	110	110	110
RPD:	0.0	0.0	0.0	0.0
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK122995	BLK122995	BLK122995	BLK122995
Prepared Date:	12/29/95	12/29/95	12/29/95	12/29/95
Analyzed Date:	12/29/95	12/29/95	12/29/95	12/29/95
Instrument I.D.#:	GCHP7	GCHP7	GCHP7	GCHP7
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.2	9.3	9.2	28
LCS % Recov.:	92	93	92	93
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

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

Client Project ID: Chevron 9-6991/951228-D2
Matrix: Liquid
Work Order #: 9512J57-02

Reported: Jan 10, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC010496BTEX06A	GC010496BTEX06A	GC010496BTEX06A	GC010496BTEX06A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	M. Otte	M. Otte	M. Otte	M. Otte
MS/MSD #:	960101908	960101908	960101908	960101908
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/4/96	1/4/96	1/4/96	1/4/96
Analyzed Date:	1/4/96	1/4/96	1/4/96	1/4/96
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	7.8	8.3	8.0	24
MS % Recovery:	78	83	80	80
Dup. Result:	8.8	8.8	8.6	25
MSD % Recov.:	88	88	86	83
RPD:	12	5.8	7.2	4.1
RPD Limit:	0-50	0-50	0-50	0-50
LCS #:	BLK010496	BLK010496	BLK010496	BLK010496
Prepared Date:	1/4/96	1/4/96	1/4/96	1/4/96
Analyzed Date:	1/4/96	1/4/96	1/4/96	1/4/96
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.3	9.3	9.4	28
LCS % Recov.:	93	93	94	93
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

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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 9-6991/951228-D2	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9512J57-03	Reported: Jan 10, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC010396BTEX22A	GC010396BTEX22A	GC010396BTEX22A	GC010396BTEX22A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9512K3001	9512K3001	9512K3001	9512K3001
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	1/3/96	1/3/96	1/3/96	1/3/96
Analyzed Date:	1/3/96	1/3/96	1/3/96	1/3/96
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	12	10	10	30
MS % Recovery:	120	100	100	100
Dup. Result:	11	10	10	31
MSD % Recov.:	110	100	100	103
RPD:	8.7	0.0	0.0	3.3
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK010396	BLK010396	BLK010396	BLK010396
Prepared Date:	1/3/96	1/3/96	1/3/96	1/3/96
Analyzed Date:	1/3/96	1/3/96	1/3/96	1/3/96
Instrument I.D.#:	GCHP22	GCHP22	GCHP22	GCHP22
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 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 9-6991/951228-D2	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9512J57-01-06	Reported: Jan 10, 1996

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC1229950HBPEXC
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3510
Analyst:	B. Ali
MS/MSD #:	9512I0402
Sample Conc.:	360
Prepared Date:	12/29/95
Analyzed Date:	12/30/95
Instrument I.D.#:	GCHP5
Conc. Spiked:	1000 µg/L
Result:	1000
MS % Recovery:	64
Dup. Result:	1100
MSD % Recov.:	74
RPD:	9.5
RPD Limit:	0-50

LCS #:	BLK122995
Prepared Date:	12/29/95
Analyzed Date:	12/30/95
Instrument I.D.#:	GCHP5
Conc. Spiked:	1000 µg/L
LCS Result:	740
LCS % Recov.:	74

MS/MSD LCS Control Limits	38-122

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

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 9-6991
Facility Address 2920 Castro Valley Blvd., Castro Valley
Consultant Project Number 951228-D2
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 2172780
Samples Collected by (Name) MIKE DILLOUGHERTY
Collection Date 12-28-95
Signature MP Dillougherty

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)	MTBE					DO NOT BILL FOR TB-LB 9512J57 Remarks
MW-1	01 A-E	5	W	D	1130	HCL	Y	X	X							X					
MW-2	02	5			1210			X	X							X					
MW-3	03	5			1245			X	X							X					
MW-4	04	5			1035			X	X							X					
MW-5	05	5			1000			X	X							X					
MW-7	06	5			1055			X	X							X					
TB	07 A/B	2						X													

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	BTS	12/28/95 2:45	[signature]	Sequoia	12/28/95 2:45
[signature]		12/28/95			
[signature]			[signature]		12/28/95 1621

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

AWG/03 91/HCH

Field
Data
Sheets

WELL GAUGING DATA

Project # 951228-D2 Date 12-28-95 Client CHEV 9-6991

Site 2920 CASTRO VALLEY BLVD., CASTRO VALLEY

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	3/4					10.80	16.31	TOC
MW-2	3/4					11.17	18.64	
MW-3	3/4					10.15	18.37	
MW-4	2					9.95	19.78	
MW-5	2					9.74	19.42	
MW-7	2	ODOR/SHEEN				10.66	19.78	

CHEVRON WELL MONITORING DATA SHEET

Project #: 957228-D2 Station #: 9-6991

Sampler: MD Start Date: 12-28-95

Well I.D.: MW-1 Well Diameter: (circle one) 2 3 4 6 3/4"

Total Well Depth: Depth to Water:

Before 16.31 After Before 10.80 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

.19 x 3 = .58

1 Case Volume x Specified Volumes = gallons

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

Sampling: Bailer X
Disposable Bailer
Extraction Port
Other

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
11:18	65.8	7.6	1600	—	.2	
11:21	63.0	7.5	1400	—	.4	
11:23	63.8	7.4	1400	—	.6	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: .6

Sampling Time: 11:30 Sampling Date: 12-28-95

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 951228-D2 Station #: 9-6991

Sampler: MD Start Date: 12-28

Well I.D.: MW-2 Well Diameter: (circle one) 2 3 4 6 3/4"

Total Well Depth: Depth to Water:

Before 18.64 After Before 11.17 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

.3 x 3 = .8

1 Case Volume x Specified Volumes = gallons

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

Sampling: Bailer X
Disposable Bailer
Extraction Port
Other

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1157	67.8	7.8	1200	—	.3	
1201	65.8	7.7	1100	—	.6	
1205	66.4	7.6	1100	—	.9	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: .9

Sampling Time: 1210 Sampling Date: 12-28

Sample I.D.: MW-2 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 #: 951228-D2	Station #: 9-6991
Sampler: MD	Start Date: 12-28-95
Well I.D.: MW-3	Well Diameter: (circle one) 2 3 4 6 3/4"
Total Well Depth:	Depth to Water:
Before 18.37 After	Before 10.15 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

.3 (1 Case Volume) x 3 (Specified Volumes) = .9 gallons

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

Sampling: Bailer X
Disposable Bailer
Extraction Port
Other

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1230	66.2	7.7	1100	—	.3	
1234	68.2	7.8	1000	—	.6	
1238	68.0	7.7	1000	—	.9	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: .9

Sampling Time: 1245 Sampling Date: 12-28

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 951228-D2	Station #: 9-6991
Sampler: MD	Start Date: 12-28
Well I.D.: MW-4	Well Diameter: (circle one) (2) 3 4 6 ____
Total Well Depth:	Depth to Water:
Before 19.78 After	Before 9.95 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

1.6 (1 Case Volume) x 3 (Specified Volumes) = 4.7 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:
10:22	69.0	7.2	920	—	2	
10:25	68.4	6.9	920	—	4	
10:28	69.0	7.0	940	—	5	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 5.0

Sampling Time: 10:35 Sampling Date: 12-28-95

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

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

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

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 951128-D2	Station #: 9-6991
Sampler: TD	Start Date: 12-28
Well I.D.: MW-5	Well Diameter: (circle one) 2 3 4 6 ___
Total Well Depth: Before 19.42 After	Depth to Water: Before 9.74 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

1.5	x	3	=	4.6
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:
947	67.2	7.6	1200	—	2	
949	67.8	7.4	1000	—	4	
951	67.6	7.2	840	—	5	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 5.0

Sampling Time: 10:00 Sampling Date: 12-28

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 #: 95122B-D2 Station #: 9-6991

Sampler: MD Start Date: 12-28

Well I.D.: MW-7 Well Diameter: (circle one) (2) 3 4 6 ____

Total Well Depth: Depth to Water:

Before 19.78 After Before 10.66 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

1.5 x 3 = 4.4

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:
1045	69.4	7.2	1200	—	1.5	ODOR
1048	70.0	7.1	1100	—	3.0	SHEEN
1051	70.0	7.0	1100	—	4.5	

Did Well Dewater? N If yes, gals. Gallons Actually Evacuated: 4.5

Sampling Time: 1055 Sampling Date: 12-28

Sample I.D.: MW-7 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)