Chevron

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 6004
San Ramon, CA 94583-0904

Marketing – Sales West
Phone 510 842-9500

May 13, 1998

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 Blvd., Castro Valley, California

Dear Mr. Seery:

Enclosed is the First Quarter 1998 Groundwater Monitoring Report that was prepared by our consultant Blaine Tech Services Inc., for the above noted site. The groundwater samples were analyzed for TPH-g, TPH-d, BTEX and MtBE. Samples are collected from monitoring wells MW-1 annually (1st quarter), MW-2 semi-annually (1st and 3rd quarters) and MW-7 quarterly.

The benzene concentration increased slightly in monitoring well MW-1from the previous sampling event, however, the TPH-g, TEX and MtBE constituents were below method detection limits. The benzene concentration increased in well MW-2 from the previous sampling event while decreasing in well MW-7. The chromatogram pattern indicated an unidentified hydrocarbon was detected in all three wells.

The depth to groundwater varied from 9.91 feet to 10.69 feet below grade, with a direction of flow westerly.

Chevron will continue the monitoring program as noted above. If you have any questions, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

Cc. Bill Scudder, Chevron

Mr. Chuck Headlee
RWQCB-San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

BLAINE
TECH SERVICES INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
(408) 573-7771 FAX
(408) 573-0555 PHONE

May 11, 1998

Phil Briggs
Chevron U.S.A. Products Company
P.O. Box 6004
San Ramon, CA 94583-0904

1st Quarter 1998 Monitoring at 9-6991

First Quarter 1998 Groundwater Monitoring at
Chevron Service Station Number 9-6991
2920 Castro Valley Blvd.
Castro Valley, CA

Monitoring Performed on December 5, 1997 & March 31, 1998

Groundwater Sampling Report **980331-L-2**

This report covers the routine 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 McKittrick Waste Treatment Site 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.

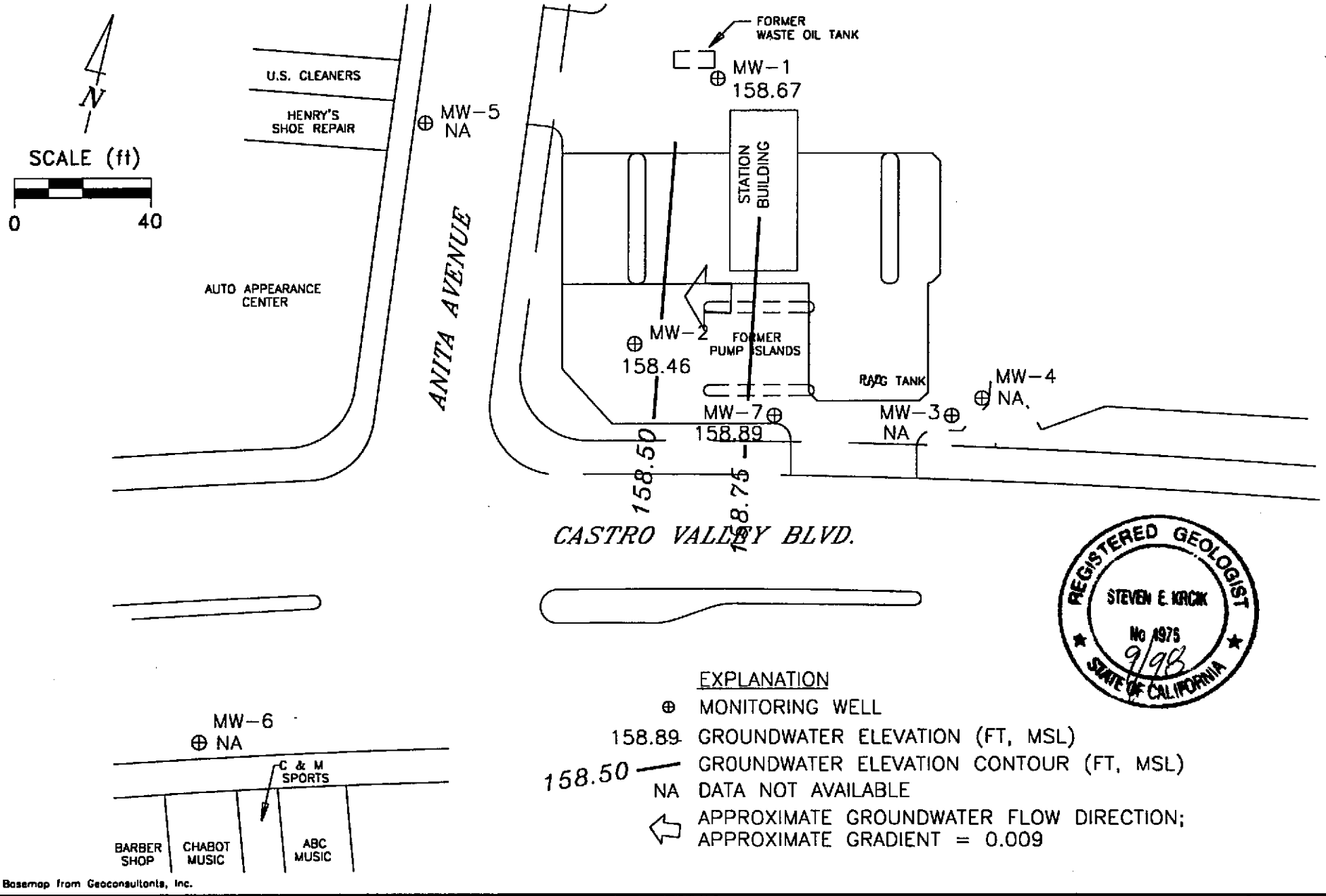
Yours truly,

Francis Thie
Vice President

FPT/ew

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

Professional Engineering Appendix



Basemap from Geoconsultants, Inc.

PREPARED BY

RRM
engineering contracting firm

Chevron Station 9-6991
2920 Castro Valley Boulevard
Castro Valley, California

GROUNDWATER ELEVATION CONTOUR MAP, MARCH 31, 1998

FIGURE: 1
PROJECT: DAC04

Table of
Well Data and
Analytical Results

Cumulative Table of Well Data and Analytical Results

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

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	TPH-Diesel	TOG
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	6.0	330**	--
03/05/96	169.30	159.20	10.10	Sampled annually	<50	7.8	<0.5	<0.5	<0.5	<2.5	780**	--
09/13/96	169.30	158.28	11.02	--	--	--	--	--	--	--	--	--
12/19/96	169.30	158.08	11.22	--	--	--	--	--	--	--	--	--
03/20/97	169.30	158.40	10.90	--	<50	2.2	<0.5	<0.5	<0.5	<2.5	350**	--
06/27/97	169.30	158.27	11.03	--	--	--	--	--	--	--	--	--
09/19/97	169.30	158.34	10.96	--	--	--	--	--	--	--	--	--
12/05/97	169.30	158.62	10.68	--	--	--	--	--	--	--	--	--
03/31/98	169.30	158.67	10.63	--	<50	6.7	<0.5	<0.5	<0.5	<2.5	760**	--

HVOC ?

* 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-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	5000	120**	--
03/05/96	169.15	159.09	10.06	Sampled biannually	<2000	<20	<20	<20	<20	10,000	860**	--
09/13/96	169.15	157.37	11.78	--	1100	25	<10	<10	<10	20,000	1300	--
12/19/96	169.15	158.30	10.85	--	--	--	--	--	--	--	--	--
03/20/97	169.15	157.75	11.40	--	2400	<10	<10	46	<10	6200	190**	--
06/27/97	169.15	157.35	11.80	--	--	--	--	--	--	--	--	--
09/19/97	169.15	157.43	11.72	--	<50	<0.5	<0.5	<0.5	<0.5	280	60**	--
12/08/97	169.15	158.27	10.88	--	--	--	--	--	--	--	--	--
03/31/98	169.15	158.46	10.69	--	110	30	0.74	0.74	0.59	1000	220**	--

* 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-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	--

NO LONGER MONITORED OR SAMPLED

* 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	--
NO LONGER MONITORED OR SAMPLED												
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*	--
03/05/96	168.80	159.74	9.06	--	1400	<10	<10	47	<10	5300	320*	--
06/27/96	168.80	157.27	11.53	--	<2500	<25	<25	<25	<25	14,000	630*	--
09/13/96	168.80	156.88	11.92	--	1100	26	<10	24	<10	20,000	1400	--
12/19/96	168.80	158.29	10.51	--	<5000	<50	<50	<50	<50	12,000	1100**	--
03/20/97	168.80	157.84	10.96	--	<1000	<10	<10	<10	<10	2100	1600**	--
03/20/97	168.80	157.84	10.96	Confirmation run	--	--	--	--	--	2000		--
06/27/97	168.80	157.02	11.78	--	2000	<20	<20	<20	<20	11,000	1600*	--
09/19/97	168.80	156.87	11.93	--	<1000	35	<10	<10	<10	13,000	1900*	--
12/05/97	168.80	158.40	10.40	--	2100	47	2.7	28	<2.5	15,000	1100*	--
03/31/98	168.80	158.89	9.91	--	410	4.0	0.61	2.2	<0.5	<2.5	780*	--

* Chromatogram pattern indicates an unidentified hydrocarbon.
** Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.

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
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	--	--	--
03/05/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/27/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/19/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/20/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/27/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
09/19/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/05/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on 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, (650) 364-9600, FAX (650) 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	Client Proj. ID: Chevron 9-6991/971205-E4	Sampled: 12/05/97
1680 Rogers Avenue	Sample Descript: MW-7	Received: 12/08/97
San Jose, CA 95112	Matrix: LIQUID	Extracted: 12/12/97
	Analysis Method: EPA 8015 Mod	Analyzed: 12/15/97
Attention: Fran Thie	Lab Number: 9712642-01	Reported: 12/22/97

QC Batch Number: GC1212970HBPEXB
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**1100**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	84

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 Tech Services	Client Proj. ID: Chevron 9-6991/971205-E4	Sampled: 12/05/97
1680 Rogers Avenue	Sample Descript: MW-7	Received: 12/08/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/19/97
Attention: Fran Thie	Lab Number: 9712642-01	Reported: 12/22/97

QC Batch Number: GC121997BTEX06A
Instrument ID: GCHP6

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**250**	**2100**
Methyl t-Butyl Ether	**250**	**15000**
Benzene	**2.5**	**47**
Toluene	**2.5**	**2.7**
Ethyl Benzene	**2.5**	**28**
Xylenes (Total)	2.5	N.D.
Chromatogram Pattern:		
Gas & Unidentified HC		**C6-C8**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	110

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

Blaine Tech Services	Client Proj. ID: Chevron 9-6991/971205-E4	Sampled: 12/05/97
1680 Rogers Avenue	Sample Descript: TB	Received: 12/08/97
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 12/19/97
Attention: Fran Thie	Lab Number: 9712642-02	Reported: 12/22/97

QC Batch Number: GC121997BTEX06A
Instrument ID: GCHP6

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	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

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Blaine Tech Services, Inc.	Client Project ID:	Chevron 9-6991 / 971205-E4	
1680 Rogers Ave.	Matrix:	Liquid	
San Jose, CA 95112			
Attention: Fran Thie	Work Order #:	9712642 -01	Reported: Dec 30, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC1212970HBPEXB
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3510

Analyst:	A. Porter
MS/MSD #:	971234603
Sample Conc.:	56000
Prepared Date:	12/12/97
Analyzed Date:	12/16/97
Instrument I.D.#:	GCHP5
Conc. Spiked:	1000 µg/L
Result:	66000*
MS % Recovery:	10
Dup. Result:	58000*
MSD % Recov.:	2.0
RPD:	13*
RPD Limit:	0-50

*MS/MSD were diluted

LCS #:	BLK121297
Prepared Date:	12/12/97
Analyzed Date:	12/15/97
Instrument I.D.#:	GCHP4
Conc. Spiked:	1000 µg/L
LCS Result:	750
LCS % Recov.:	75

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

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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Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-6991 / 971205-E4
Matrix: Liquid
Work Order #: 9712642-01, 02

Reported: Dec 30, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC121997BTEX06A	GC121997BTEX06A	GC121997BTEX06A	GC121997BTEX06A	GC121997BTEX06A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	C. Demartini	C. Demartini	C. Demartini	C. Demartini	C. Demartini
MS/MSD #:	971253515	971253515	971253515	971253515	971253515
Sample Conc.:	3.1	N.D.	N.D.	1.0	6.4
Prepared Date:	12/19/97	12/19/97	12/19/97	12/19/97	12/19/97
Analyzed Date:	12/19/97	12/19/97	12/19/97	12/19/97	12/19/97
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
Result:	15	12	12	35	66
MS % Recovery:	119	120	120	113	99
Dup. Result:	12	9.6	9.6	29	55
MSD % Recov.:	89	96	96	93	81
RPD:	22	22	22	19	18
RPD Limit:	0-25	0-25	0-25	0-25	0-25
LCS #:	BLK121997	BLK121997	BLK121997	BLK121997	BLK121997
Prepared Date:	12/19/97	12/19/97	12/19/97	12/19/97	12/19/97
Analyzed Date:	12/19/97	12/19/97	12/19/97	12/19/97	12/19/97
Instrument I.D.#:	GCHP6	GCHP6	GCHP6	GCHP6	GCHP6
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L	60 µg/L
LCS Result:	11	11	11	32	57
LCS % Recov.:	110	110	110	107	95
MS/MSD Control Limits	60-140	60-140	60-140	60-140	60-140
LCS Control Limits	70-130	70-130	70-130	70-130	70-130

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	Client Proj. ID: Chevron 9-6991/971205-E4	Received: 12/08/97
1680 Rogers Avenue		
San Jose, CA 95112	Lab Proj. ID: 9712642	Reported: 12/22/97
Attention: Fran Thie		

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 6 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPPH Note: Sample 9712642-01 was diluted 5-fold.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

Fax copy of Lab Report and COC to Chevron Contact: ☐ Yes ☐ No

Chain-of-Custody-Rec

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: 971205-E4
Consultant Name: Blaine Tech Services, Inc.
Address: 1680 Rogers Ave., San Jose, CA 95112
Project Contact (Name): Fran Thie
(Phone) (408) 573-0555 (Fax Number) (408) 573-7771

Chevron Contact (Name): Phil Briggs
(Phone) (510) 842-9136
Laboratory Name: Sequoia
Laboratory Release Number: 9034490
Samples Collected by (Name): ERIC JOHNSON
Collection Date: 12/05/97
Signature:

Analyses To Be Performed: 9712-642

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS + MTBE (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 DE 8 1 28 Remarks
MW-7	1	5	W		13:20	HCl	Y	X	X											
TB	2	2	W		—	—	Y	X	X											

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	12/8 12:45		Sequoia	12/8/97 12:40
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	Sequoia	12/8			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					12/8/97 13:28

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

COC-3.DWG/03 91/HCH

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Blaine Tech Services	Client Proj. ID: Chevron 9-6991/980331-L2	Sampled: 03/31/98
1680 Rogers Avenue	Sample Descript: MW-1	Received: 04/01/98
San Jose, CA 95112	Matrix: LIQUID	Extracted: 04/08/98
	Analysis Method: EPA 8015 Mod	Analyzed: 04/09/98
Attention: Fran Thie	Lab Number: 9804057-01	Reported: 04/11/98

QC Batch Number: GC0407980HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**760**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	120

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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Blaine Tech Services	Client Proj. ID: Chevron 9-6991/980331-L2	Sampled: 03/31/98
1680 Rogers Avenue	Sample Descript: MW-1	Received: 04/01/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/08/98
Attention: Fran Thie	Lab Number: 9804057-01	Reported: 04/11/98

QC Batch Number: GC040898BTEX01A
Instrument ID: GCHP1

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**	**6.7**
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	98

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

SEQUOIA ANALYTICAL - ELAP #2000

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Chevron 9-6991/980331-L2	Sampled: 03/31/98
1680 Rogers Avenue	Sample Descript: MW-2	Received: 04/01/98
San Jose, CA 95112	Matrix: LIQUID	Extracted: 04/08/98
	Analysis Method: EPA 8015 Mod	Analyzed: 04/09/98
Attention: Fran Thie	Lab Number: 9804057-02	Reported: 04/11/98

QC Batch Number: GC0407980HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**220**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	91

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 Porner
Project Manager

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Blaine Tech Services	Client Proj. ID: Chevron 9-6991/980331-L2	Sampled: 03/31/98
1680 Rogers Avenue	Sample Descript: MW-2	Received: 04/01/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/08/98
Attention: Fran Thie	Lab Number: 9804057-02	Reported: 04/11/98

QC Batch Number: GC040898BTEX01A
Instrument ID: GCHP1

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**110**
Methyl t-Butyl Ether	**2.5**	**1000**
Benzene	**0.50**	**30**
Toluene	**0.50**	**0.74**
Ethyl Benzene	**0.50**	**0.74**
Xylenes (Total)	**0.50**	**0.59**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	86

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

SEQUOIA ANALYTICAL - ELAP #2000

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Chevron 9-6991/980331-L2	Sampled: 03/31/98
1680 Rogers Avenue	Sample Descript: MW-7	Received: 04/01/98
San Jose, CA 95112	Matrix: LIQUID	Extracted: 04/08/98
	Analysis Method: EPA 8015 Mod	Analyzed: 04/09/98
Attention: Fran Thie	Lab Number: 9804057-03	Reported: 04/11/98

QC Batch Number: GC0407980HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	**50**	**780**
Chromatogram Pattern:	**C9-C24**	**Unidentified HC**

Surrogates	**Control Limits %**		**% Recovery**
n-Pentacosane (C25)	50	150	94

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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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Blaine Tech Services	Client Proj. ID: Chevron 9-6991/980331-L2	Sampled: 03/31/98
1680 Rogers Avenue	Sample Descript: MW-7	Received: 04/01/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/08/98
Attention: Fran Thie	Lab Number: 9804057-03	Reported: 04/11/98

QC Batch Number: GC040898BTEX01A
Instrument ID: GCHP1

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**410**
Methyl t-Butyl Ether	2.5	N.D.
Benzene	**0.50**	**4.0**
Toluene	**0.50**	**0.61**
Ethyl Benzene	**0.50**	**2.2**
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	74

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

SEQUOIA ANALYTICAL - ELAP #2000

Peggy Penner
Project Manager

Sequoia Analytical

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Blaine Tech Services	Client Proj. ID: Chevron 9-6991/980331-L2	Sampled: 03/31/98
1680 Rogers Avenue	Sample Descript: TB	Received: 04/01/98
San Jose, CA 95112	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 04/08/98
Attention: Fran Thie	Lab Number: 9804057-04	Reported: 04/11/98

QC Batch Number: GC040898BTEX01A
Instrument ID: GCHP1

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	82

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

SEQUOIA ANALYTICAL - ELAP #2000

Peggy Penner
Project Manager

Sequoia Analytical

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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-6991 / 980331-L2
Matrix: Liquid
QC Sample Group: 9804057 -01-04

Reported: Apr 21, 1998

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015
Analyst:	N. Zahedi	N. Zahedi	N. Zahedi	N. Zahedi	N. Zahedi
MS/MSD Batch#:	8040124	8040124	8040124	8040124	8040124
Date Prepared:	4/8/98	4/8/98	4/8/98	4/8/98	4/8/98
Date Analyzed:	4/8/98	4/8/98	4/8/98	4/8/98	4/8/98
Instrument I.D.#:	HP1	HP1	HP1	HP1	HP1
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	20 µg/L
Matrix Spike % Recovery:	101	165	103	113	85
Matrix Spike Duplicate % Recovery:	112	175	104	114	88
Relative % Difference:	10	5.9	0.97	0.88	3.4
LCS Batch#:	LCS040898	LCS040898	LCS040898	LCS040898	LCS040898
Date Prepared:	4/8/98	4/8/98	4/8/98	4/8/98	4/8/98
Date Analyzed:	4/8/98	4/8/98	4/8/98	4/8/98	4/8/98
Instrument I.D.#:	HP1	HP1	HP1	HP1	HP1
LCS % Recovery:	94	95	97	92	62
% Recovery Control Limits:	60-140	60-140	60-140	60-140	60-140

SEQUOIA ANALYTICAL
Elap #2000

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.

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 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
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Blaine Tech Services, Inc.	Client Project ID:	Chevron 9-6991 / 980331-L2	
1680 Rogers Ave.	Matrix:	Liquid	
San Jose, CA 95112			
Attention: Fran Thie	Work Order #:	9804057-01-03	Reported: Apr 21, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0407980HBPEXB
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3510
Analyst:	A. Porter
MS/MSD #:	980406201
Sample Conc.:	1300
Prepared Date:	4/7/98
Analyzed Date:	4/9/98
Instrument I.D.#:	GCHP4
Conc. Spiked:	1000 µg/L
Result:	2100
MS % Recovery:	80
Dup. Result:	2100
MSD % Recov.:	80
RPD:	0.0
RPD Limit:	0-50

LCS #:	BLK040898
Prepared Date:	4/8/98
Analyzed Date:	4/9/98
Instrument I.D.#:	GCHP5
Conc. Spiked:	1000 µg/L
LCS Result:	760
LCS % Recov.:	76

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

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 1680 Rogers Avenue San Jose, CA 95112 Attention: Fran Thie	Client Proj. ID: Chevron 9-6991/980331-L2 Lab Proj. ID: 9804057	Received: 04/01/98 Reported: 04/11/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 10 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager

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: 980331-L2
Consultant Name: Blaine Tech Services, Inc.
Address: 1680 Rogers Ave., San Jose, CA 95112
Project Contact (Name): Fran Thie
(Phone) (408)573-0555 (Fax Number) (408)573-7771

Chevron Contact (Name): Phil Briggs
(Phone) (510) 842-9136
Laboratory Name: Sequoia
Laboratory Release Number: 9034490
Samples Collected by (Name): LAD GILCHRIST
Collection Date: 3-31-98
Signature:

Analyses To Be Performed 9804057

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	BTEX + TPH GAS (8020 + 8015) MTBE	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)					
MW-1	01	4	W		1326	HCL	YES	X	X											
MW-2	02	4	W		1255	↓	↓	X	X											
MW-3	03	5	W		1340	↓	↓	X	X											
TB -	04	2	W		—	↓	↓	X												

DO NOT BILL
FOR TB-LB

Remarks

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	4-1-98 9:53		Sequoia	4-1-98 9:53
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	Sequoia	4-1-98			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					4/1/98 7:31

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

6/03 91/HCH

Field
Data
Sheets

WELL GAUGING DATA

Project # 971205-E4 Date 12/05/97 Client Chevron 9-16991

Site 2920 Castro Valley, 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					10.68	16.30	TOC
MW-2	3/4					10.88	17.56	↓
MW-7	2					10.40	19.67	↓

CHEVRON WELL MONITORING DATA SHEET

Project #: 971205-E4	Station #: 9-6991
Sampler: EJ	Date: 12/05/97
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.67	Depth to Water: 10.40
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
(2")	(0.16)	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

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

Sampling Method: Bailer (Disposable Bailer) Extraction Port Other: ___

1.5 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 4.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13:09	68.4	6.9	1500	1.5	
13:12	69.8	6.8	1400	3.0	
13:15	70.0	6.8	1400	4.5	

Did well dewater? Yes (No)		Gallons actually evacuated: 4.5	
Sampling Time: 13:20		Sampling Date: 12/05/97	
Sample I.D.: MW-7		Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs	
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)		Other:	
Duplicate I.D.: MW TB	Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)	Other:	
D.O. (if req'd):	Pre-purge: ___ mg/L	Post-purge: ___	mg/L
O.R.P. (if req'd):	Pre-purge: ___ mV	Post-purge: ___	mV

WELL GAUGING DATA

Project # 900331-12 Date 3-31-90 Client 9-6991

Site 2920 CASTRO VALLEY BLVD, CASTRO VALLEY CA

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW1	3/4					10.63	16.33	TOC	
MW2	3/4					10.69	17.52	"	
MW7	2	ODOR				9.91	19.71	"	

CHEVRON WELL MONITORING DATA SHEET

Project #: 980331-C2	Station #: 9-6991
Sampler: LAD	Date: 3-31-98
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8 (1/2")
Total Well Depth: 17.52	Depth to Water: 10.69
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method: Bailer (1/4" PIN BAILER) / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: _____

Sampling Method: Bailer (1/4" PIN BAILER) / Disposable Bailer / Extraction Port / Other: _____

0.13 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 0.39 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1232	70.2	7.1	1000.	0.2	
1241	69.2	7.2	1100.	0.4	
1250	69.0	7.2	1100.	0.6	

Did well dewater? Yes (No)		Gallons actually evacuated: 0.6	
Sampling Time: 1255		Sampling Date: 3-31-98	
Sample I.D.: MW-2		Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs	
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other:			
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:		
D.O. (if req'd):	Pre-purge: ___ mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: ___ mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 980331-L2	Station #: 9-6991
Sampler: LAD	Date: 3-31-98
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8 (1/2")
Total Well Depth: 16.33	Depth to Water: 10.63
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method: Bailer 1/4" PVC Sampling Method: Bailer 1/4" PVC BAILER
Disposable Bailer
Middleburg
Electric Submersible
Extraction Pump
Other: _____

Disposable Bailer
Extraction Port
Other: _____

0.13 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 0.39 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1305	70.0	7.0	1000.	0.2	
1316	68.6	7.0	1100.	0.3	
1322	68.9	7.0	1100.	0.4	

Did well dewater? Yes (No)		Gallons actually evacuated: 0.4	
Sampling Time: 1326		Sampling Date: 3-31-98	
Sample I.D.: MW-1		Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs	
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)		Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 980337L1	Station #: 9-6991
Sampler: LAD	Date: 3-31-98
Well I.D.: MW7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.71	Depth to Water: 9.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius² * 0.163

Purge Method: Bailer / Disposable Bailer X / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / Disposable Bailer X / Extraction Port / Other: ___

1.5 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 4.5 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1328	68.6	7.0	1100.	2.	ODOR
1333	68.2	7.1	1100	3.	
1337	68.4	7.0	1100	5.	

Did well dewater? Yes (No)		Gallons actually evacuated: 5	
Sampling Time: 1340		Sampling Date: 3-31-98	
Sample I.D.: MW-7		Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs	
Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D)		Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd):	Pre-purge: ___ mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: ___ mV	Post-purge:	mV