



Chevron

May 18, 1999

Chevron Products Company
6001 Bollinger Canyon Road
Building L, Room 1080
PO Box 6004
San Ramon, CA 94583-0904

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

Philip R. Briggs
Project Manager
Site Assessment & Remediation
Phone 925 842-9136
Fax 925 842-8370

Re: Chevron Service Station #9-6991
2920 Castro Valley Blvd., Castro Valley, California

Dear Mr. Seery:

Enclosed is the First Quarter 1999 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. Well MW-3 has been added back to the sampling program per your request and will be sampled quarterly.

The benzene concentration decreased in monitoring well MW-7 from the previous sampling event, while increasing in wells MW-1, MW-2 and MW-3. The chromatogram pattern indicated an unidentified hydrocarbon was detected in wells MW-1, MW-3, and MW-7 with a non-diesel mix in well MW-2, when analyzed for TPH-d.

The depth to groundwater varied from 9.74 feet to 10.95 feet below grade, with a direction of flow changing to northwesterly from the previous southwesterly.

MtBE was confirmed in wells MW-2, MW-3 and MW-7 by EPA Method 8260 and was below method detection limits for well MW-1.

The utility survey will be completed within 10 days and will then be submitted to your office.

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ENVIRONMENTAL
PROTECTION

May 18, 1999
Mr. Scott Seery
Chevron Service Station #9-6991
Page 2

Chevron will continue the monitoring program as noted above. If you have any questions, call me at (925) 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 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

May 12, 1999

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

1st Quarter 1999 Monitoring at 9-6991

First Quarter 1999 Groundwater Monitoring at
Chevron Service Station Number 9-6991
2920 Castro Valley Blvd.
Castro Valley, CA

Monitoring Performed on March 19, 1999

Groundwater Sampling Report 990319-J-3

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

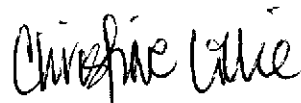
located in the **Professional Engineering Appendix**.

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,

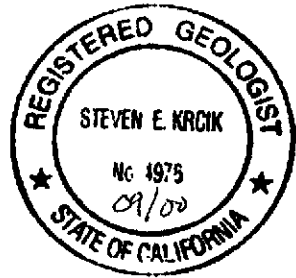
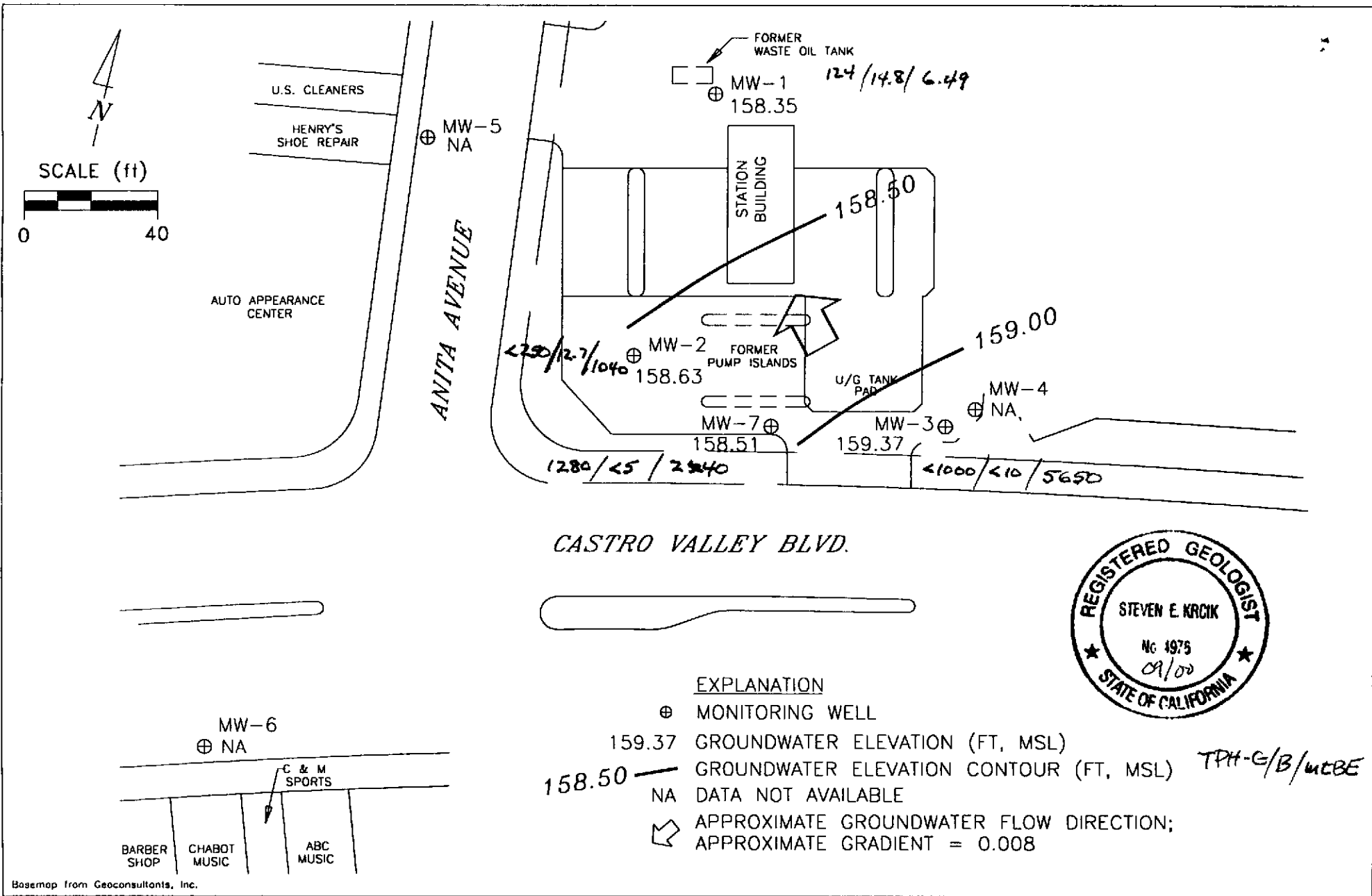


Christine Lillie
Project Coordinator

CAL/sb

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

Professional Engineering Appendix



EXPLANATION

- ⊕ MONITORING WELL
- 159.37 GROUNDWATER ELEVATION (FT, MSL)
- 158.50 — GROUNDWATER ELEVATION CONTOUR (FT, MSL) TPH-G/B/utBE
- NA DATA NOT AVAILABLE
- ↘ APPROXIMATE GROUNDWATER FLOW DIRECTION;
- ↘ APPROXIMATE GRADIENT = 0.008

Base map from Geoconsultants, Inc.

PREPARED BY

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

GROUNDWATER ELEVATION CONTOUR MAP,
 MARCH 19, 1999

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**	--
06/19/98	169.30	159.62	9.68	--	--	--	--	--	--	--	--	--
08/13/98	169.30	157.67	11.63	--	--	--	--	--	--	--	--	--
12/17/98	169.30	158.25	11.05	--	--	--	--	--	--	--	--	--
03/19/99	169.30	158.35	10.95	--	124	14.8	<0.5	<0.5	<0.5	6.49	890**	--
03/19/99	169.30	158.35	10.95	Confirmation Run	--	--	--	--	--	<2.5	--	--

* 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**	--
06/19/98	169.15	159.31	9.84	--	--	--	--	--	--	--	--	--
08/31/98	169.15	157.43	11.72	--	<100	3.4	<1.0	<1.0	<1.0	980	380**	--
12/17/98	169.15	157.60	11.55	--	--	--	--	--	--	480	--	--
03/19/99	169.15	158.63	10.52	--	<250	12.7	<2.5	<2.5	<2.5	1040	107*	--
03/19/99	169.15	158.63	10.52	Confirmation Run	--	--	--	--	--	819	--	--

* 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	--	--	--	--	--	--	--	--
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*	--
12/17/98	169.11	158.86	10.25	--	<250	<2.5	<2.5	<2.5	<2.5	62,000	130*	--
03/19/99	169.11	159.37	9.74	--	<1000	<10	<10	<10	<10	5650	139*	--
03/19/99	169.11	159.37	9.74	Confirmation Run	--	--	--	--	--	5850	--	--

* 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	--	<50	--
03/30/95	167.41	157.79	9.62	--	<50	<0.5	<0.5	<0.5	<0.5	--	79*	--
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*	--
06/19/98	168.80	159.09	9.71	--	1100	16	<10	17	<10	12,000	480*	--
08/31/98	168.80	157.11	11.69	--	<500	350	22	<5.0	<5.0	47,000	580*	--
12/17/98	168.80	157.70	11.10	--	1800	<10	<10	24	<10	13,000	970	--
12/17/98	168.80	157.70	11.10	Confirmation run	--	--	--	--	--	14,000	--	--
03/19/99	168.80	158.51	10.29	--	1280	<5.0	5.0	16.3	<5.0	2240	615*	--
03/19/99	168.80	158.51	10.29	Confirmation run	--	--	--	--	--	2910	--	--

* 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	--	--

CONTINUED ON NEXT PAGE

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 (CONT'D)												
03/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/19/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--

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



April 15, 1999

Christine Lillie
Blaine Tech/Chevron
1680 Rogers Ave.
San Jose, CA 95112

RE: Chevron/P903664

Dear Christine Lillie

Enclosed are the results of analyses for sample(s) received by the laboratory on March 24, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Scott Forbes
Project Manager

CA ELAP Certificate Number 2245



Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 2920 Castro Vly Blvd.,Cast. Vly/990319-J3 Project Manager: Christine Lillie	Sampled: 3/19/99 Received: 3/24/99 Reported: 4/15/99
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ANALYTICAL REPORT FOR P903664

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	P903664-01	Water	3/19/99
MW-2	P903664-02	Water	3/19/99
MW-3	P903664-03	Water	3/19/99
MW-7	P903664-04	Water	3/19/99
TB	P903664-05	Water	3/19/99



Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 2920 Castro Vly Blvd., Cast. Vly/990319-J3 Project Manager: Christine Lillie	Sampled: 3/19/99 Received: 3/24/99 Reported: 4/15/99
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**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
 Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1				<u>P903664-01</u>			<u>Water</u>	<u>1</u>
Gasoline	9030675	3/29/99	3/29/99		50.0	124	ug/l	
Benzene	"	"	"		0.500	14.8	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	6.49	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		95.0	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		97.7	"	
MW-2				<u>P903664-02</u>			<u>Water</u>	
Gasoline	9030675	3/29/99	3/29/99		250	ND	ug/l	
Benzene	"	"	"		2.50	12.7	"	
Toluene	"	"	"		2.50	ND	"	
Ethylbenzene	"	"	"		2.50	ND	"	
Xylenes (total)	"	"	"		2.50	ND	"	
Methyl tert-butyl ether	"	"	"		10.0	1040	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		94.3	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		98.3	"	
MW-3				<u>P903664-03</u>			<u>Water</u>	
Gasoline	9030675	3/29/99	3/29/99		1000	ND	ug/l	
Benzene	"	"	"		10.0	ND	"	
Toluene	"	"	"		10.0	ND	"	
Ethylbenzene	"	"	"		10.0	ND	"	
Xylenes (total)	"	"	"		10.0	ND	"	
Methyl tert-butyl ether	"	"	"		40.0	5650	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		97.3	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		96.7	"	
MW-7				<u>P903664-04</u>			<u>Water</u>	
Gasoline	9030675	3/29/99	3/29/99		500	1280	ug/l	
Benzene	"	"	"		5.00	ND	"	
Toluene	"	"	"		5.00	5.00	"	
Ethylbenzene	"	"	"		5.00	16.3	"	
Xylenes (total)	"	"	"		5.00	ND	"	
Methyl tert-butyl ether	"	"	"		20.0	2240	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		104	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		98.7	"	
TB				<u>P903664-05</u>			<u>Water</u>	
Gasoline	9030675	3/29/99	3/29/99		50.0	ND	ug/l	



Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 2920 Castro Vly Blvd., Cast. Vly/990319-J3 Project Manager: Christine Lillie	Sampled: 3/19/99 Received: 3/24/99 Reported: 4/15/99
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**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
TB (continued)				P903664-05			Water	
Benzene	9030675	3/29/99	3/29/99		0.500	ND	ug/l	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	65.0-135		94.7	%	
Surrogate: <i>4-Bromofluorobenzene</i>	"	"	"	65.0-135		99.7	"	





Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 2920 Castro Vly Blvd., Cast. Vly/990319-J3 Project Manager: Christine Lillie	Sampled: 3/19/99 Received: 3/24/99 Reported: 4/15/99
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**Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
<u>MW-1</u>				<u>P903664-01</u>			<u>Water</u>	
Diesel	9040049	4/2/99	4/9/99		0.0500	0.890	mg/l	2
Surrogate: <i>o</i> -Terphenyl	"	"	"	50.0-150		136	%	
<u>MW-2</u>				<u>P903664-02</u>			<u>Water</u>	
Diesel	9040049	4/2/99	4/9/99		0.0500	0.107	mg/l	2
Surrogate: <i>o</i> -Terphenyl	"	"	"	50.0-150		100	%	
<u>MW-3</u>				<u>P903664-03</u>			<u>Water</u>	
Diesel	9040049	4/2/99	4/9/99		0.0500	0.139	mg/l	2
Surrogate: <i>o</i> -Terphenyl	"	"	"	50.0-150		103	%	
<u>MW-7</u>				<u>P903664-04</u>			<u>Water</u>	
Diesel	9040049	4/2/99	4/9/99		0.0500	0.615	mg/l	2
Surrogate: <i>o</i> -Terphenyl	"	"	"	50.0-150		117	%	



Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 2920 Castro Vly Blvd., Cast. Vly/990319-J3 Project Manager: Christine Lillie	Sampled: 3/19/99 Received: 3/24/99 Reported: 4/15/99
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**Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Petaluma**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1				P903664-01			Water	3
Methyl tert-butyl ether	9030682	3/30/99	3/30/99		2.50	ND	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	86.0-118		107	%	
MW-2				P903664-02			Water	
Methyl tert-butyl ether	9030682	3/30/99	3/30/99		50.0	819	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	86.0-118		109	%	
MW-3				P903664-03			Water	
Methyl tert-butyl ether	9030682	3/30/99	3/30/99		125	5850	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	86.0-118		107	%	
MW-7				P903664-04			Water	
Methyl tert-butyl ether	9030682	3/30/99	3/30/99		50.0	2910	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	86.0-118		107	%	



Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 2920 Castro Vly Blvd., Cast. Vly/990319-J3 Project Manager: Christine Lillie	Sampled: 3/19/99 Received: 3/24/99 Reported: 4/15/99
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**Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9030675		Date Prepared: 3/29/99		Extraction Method: EPA 5030 waters						
Blank		9030675-BLK1								
Gasoline	3/29/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.00				
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	300		284	"	65.0-135	94.7			
Surrogate: <i>4-Bromofluorobenzene</i>	"	300		295	"	65.0-135	98.3			
LCS		9030675-BS1								
Gasoline	3/29/99	1000		1060	ug/l	65.0-135	106			
Surrogate: <i>4-Bromofluorobenzene</i>	"	300		296	"	65.0-135	98.7			
Matrix Spike		9030675-MS1		P903666-01						
Gasoline	3/29/99	1000	ND	1050	ug/l	65.0-135	105			
Surrogate: <i>4-Bromofluorobenzene</i>	"	300		304	"	65.0-135	101			
Matrix Spike Dup		9030675-MSD1		P903666-01						
Gasoline	3/29/99	1000	ND	1050	ug/l	65.0-135	105	20.0	0	
Surrogate: <i>4-Bromofluorobenzene</i>	"	300		300	"	65.0-135	100			





Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 2920 Castro Vly Blvd.,Cast. Vly/990319-J3 Project Manager: Christine Lillie	Sampled: 3/19/99 Received: 3/24/99 Reported: 4/15/99
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**Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M/Quality Control
Sequoia Analytical - Petaluma**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9040049			Date Prepared: 4/2/99			Extraction Method: EPA 3520B				
Blank			9040049-BLK1							
Diesel	4/8/99			ND	mg/l	0.0500				
Surrogate: <i>o</i> -Terphenyl	"	0.100		0.0923	"	50.0-150	92.3			
LCS			9040049-BS1							
Diesel	4/8/99	1.00		0.733	mg/l	50.0-150	73.3			
Surrogate: <i>o</i> -Terphenyl	"	0.100		0.0983	"	50.0-150	98.3			
Matrix Spike			9040049-MS1		P903710-01					
Diesel	4/8/99	2.00	0.191	1.75	mg/l	50.0-150	78.0			
Surrogate: <i>o</i> -Terphenyl	"	0.200		0.205	"	50.0-150	102			
Matrix Spike Dup			9040049-MSD1		P903710-01					
Diesel	4/8/99	2.00	0.191	1.70	mg/l	50.0-150	75.5	20.0	3.26	
Surrogate: <i>o</i> -Terphenyl	"	0.200		0.204	"	50.0-150	102			



Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 2920 Castro Vly Blvd.,Cast. Vly/990319-J3 Project Manager: Christine Lillie	Sampled: 3/19/99 Received: 3/24/99 Reported: 4/15/99
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**Volatile Organic Compounds by EPA Method 8260B/Quality Control
 Sequoia Analytical - Petaluma**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9030682		Date Prepared: 3/29/99		Extraction Method: EPA 5030 waters						
Blank		9030682-BLK1								
Methyl tert-butyl ether	3/29/99			ND	ug/l	0.500				
Surrogate: Dibromofluoromethane	"	5.00		5.35	"	86.0-118	107			
Blank		9030682-BLK3								
Methyl tert-butyl ether	3/30/99			ND	ug/l	0.500				
Surrogate: Dibromofluoromethane	"	5.00		5.45	"	86.0-118	109			
LCS		9030682-BS1								
Methyl tert-butyl ether	3/29/99	5.00		5.40	ug/l	72.7-119	108			
Surrogate: Dibromofluoromethane	"	5.00		5.32	"	86.0-118	106			
LCS		9030682-BS3								
Methyl tert-butyl ether	3/30/99	5.00		5.02	ug/l	72.7-119	100			
Surrogate: Dibromofluoromethane	"	5.00		5.36	"	86.0-118	107			
Matrix Spike		9030682-MS1		P903552-02						
Methyl tert-butyl ether	3/29/99	5.00	ND	5.49	ug/l	72.7-119	110			
Surrogate: Dibromofluoromethane	"	5.00		5.51	"	86.0-118	110			
Matrix Spike Dup		9030682-MSD1		P903552-02						
Methyl tert-butyl ether	3/29/99	5.00	ND	5.47	ug/l	72.7-119	109	15.0	0.913	
Surrogate: Dibromofluoromethane	"	5.00		5.36	"	86.0-118	107			





Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 2920 Castro Vly Blvd., Cast. Vly/990319-J3 Project Manager: Christine Lillie	Sampled: 3/19/99 Received: 3/24/99 Reported: 4/15/99
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Notes and Definitions

#	Note
1	Insufficient preservative to reduce the sample pH to less than 2. Sample was analyzed within 14 days of sampling, but beyond the 7 days recommended for Benzene, Toluene, and Ethylbenzene.
2	Unknown hydrocarbons.
3	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference



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

Chain-of-Custody-Record

Chevron Products Co. P.O. BOX 6004 San Ramon, CA 94583 FAX (925)842-8370	Chevron Facility Number <u>9-6991</u> Facility Address <u>2920 Castro Valley Blvd., Castro Valley</u> Consultant Project Number <u>990319-53</u> Consultant Name <u>BLAINE TECH SERVICE, INC.</u> Address <u>1680 ROGERS AVE., SAN JOSE</u> Project Contact (Name) <u>CHRISTINE LILLIE</u> (Phone) <u>408-573-0555</u> (Fax Number) <u>408-573-7771</u>	Chevron Contact (Name) <u>PHIL BRIGGS</u> (Phone) <u>(925) 842-9136</u> Laboratory Name <u>SEQUOIA</u> Laboratory Service Order <u>9144488</u> Laboratory Service Code <u>ZZ02800</u> Samples Collected by (Name) <u>Steve Smith</u> Signature <u>[Signature]</u>
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Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	Sample Preservation	Date/Time	State Method: <input type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT													Remarks						
					ETEX/MTBE+TPH GAS (8020 + 8015)	ETEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Organogenics (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni	ETEX (8020)	ETEX/MTBE/Naph. (8020)	TPH - HCID	TPH-D Extended							
MW-1	4	W	HCl	3/14/99 1350	X		X		P90366	4-01														Confirm
MW-2	4	W		1320	X		X																	MTBE by
MW-3	4	W		1250	X		X																	8260 on
MW-7	5	W		1222	X		X																	ALL Hits.
TB	2	W			X																			
					COOLER CUSTODY SEALS INACTIVE NO. INITIALS N/A COOLER TEMPERATURE 3 °C																			
					3-24-99 Phil Briggs 1700 3-29																			

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days <u>10 Days</u> As Contracted
[Signature]	BTS	3/22/99 1100	[Signature]	SEQ	3-22-99 1100		
[Signature]	SEQ	3-22-99	[Signature]				
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N	
[Signature]			[Signature]				
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N	
[Signature]			[Signature]				

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: 990319-53	Station #: 9281 9-6991
Sampler: Stwe	Date: 3/19/99
Well I.D.: MW-1	Well Diameter: 2 3 4 6 8 <u>3/4</u>
Total Well Depth: 16.38	Depth to Water: 10.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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	radius ² * 0.163

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: <u>Teflon Tube</u>	Sampling Method: Bailer Disposable Bailer Extraction Port Other: <u>Teflon Tube</u>
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<u>.10</u>	x	<u>3</u>	=	<u>.30</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13 ³⁵	68.1	7.0	990	.10	
13 ⁴⁰	68.7	6.9	890	.20	
13 ⁴⁵	68.6	7.0	860	.30	

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Gallons actually evacuated: .30
Sampling Time: 13 ⁵⁰	Sampling Date: 3/19/99
Sample I.D.: MW-1	Laboratory: <u>Sequoia</u> CORE N. Creek Assoc. Labs
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: <u>mg/L</u> Post-purge: <u>mg/L</u>
O.R.P. (if req'd):	Pre-purge: <u>mV</u> Post-purge: <u>mV</u>

CHEVRON WELL MONITORING DATA SHEET

Project #: 990319-J3	Station #: 9-6991
Sampler: StwE	Date: 3/19/99
Well I.D.: MW-2	Well Diameter: 2 3 4 6 8 <u>3/4</u>
Total Well Depth: 17.90	Depth to Water: 10.52
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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	radius ² * 0.163

.02

Purge Method: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other: Teflon Tube

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: Teflon Tube

<u>.15</u>	x	<u>3</u>	=	<u>.45</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
13 ⁰⁵	69.8	7.1	940	.15	
13 ¹⁰	70.2	7.1	900	.30	
13 ¹⁵	69.5	7.0	870	.50	

Did well dewater? Yes No Gallons actually evacuated: .50

Sampling Time: 13²⁰ Sampling Date: 3/19/99

Sample I.D.: MW-2 Laboratory: Sequoia CORE 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 #: 990319-J3	Station #: 9-6991
Sampler: Stew	Date: 3/19/99
Well I.D.: MW-3	Well Diameter: 2 3 4 6 8 <u>3/4</u>
Total Well Depth: 18.09	Depth to Water: 9.74
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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	radius ² * 0.165

.02

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: <u>Teflon Tube</u>	Sampling Method: Bailer Disposable Bailer Extraction Port Other: <u>Teflon Tube</u>
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<u>.17</u>	x	<u>3</u>	=	<u>.50</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1235	68.9	7.1	990	.25	
1240	69.5	7.0	940	.40	
1245	69.6	7.0	930	.50	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: .50
Sampling Time: 12 ⁵⁰	Sampling Date: 3/19/99
Sample I.D.: MW-3	Laboratory: <u>Sequoia</u> CORE N. Creek Assoc. Labs
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> <u>TPH-D</u> 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 #: 990319-J3	Station #: 9-6991
Sampler: Stwrl	Date: 3/19/99
Well I.D.: MW-7	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 19.77	Depth to Water: 10.29
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> 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	radius ² * 0.163

Purge Method: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible Extraction Pump
 Other: _____

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

<u>1.5</u>	\times	<u>3</u>	$=$	<u>4.5</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
12 ¹³	69.5	7.2	1195	1.5	
12 ¹⁵	70.1	7.1	1050	3.0	
12 ¹⁷	70.0	7.2	1040	4.5	

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Time: 12²² Sampling Date: 3/19/99

Sample I.D.: MW-7 Laboratory: Sequoia CORE 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