

ENVIRONMENTAL  
PROTECTION  
98 JAN 20 PM 4:08



**Chevron**

January 18, 1999

# 4249

**Chevron Products Company**  
6001 Bollinger Canyon Road  
Building L, Room 1110  
PO Box 6004  
San Ramon, CA 94583-0904

Mr. Barney Chan  
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: Former Chevron Service Station # 9-4612**  
**3616 San Leandro Street**  
**Oakland, California**

*if they show:  
stable TPH/BTEX/MTBE  
no groundwater problem  
probably an air problem*

Dear Mr. Chan:

Enclosed is the Fourth Quarter Groundwater Monitoring report for 1998 that was prepared by Blaine Tech Services, Inc. for the above noted site. The groundwater samples were analyzed for TPH-g, BTEX and MtBE constituents, with monitoring well MW-3 also analyzed for the TPH-d constituent.

In accordance with your letter of May 4, 1998, ORC was added to wells VH-1, MW-2 and MW-3 on July 25 with sampling of the wells on July 29. The addition of the ORC is expected to increase the availability of oxygen in the soil and groundwater thereby providing an agent for biological reaction and the breakdown of hydrocarbon compounds to natural by products. A period of at least six months will be required to see the effect of adding ORC.

The pre-purge dissolved oxygen (DO) readings in wells VH-1, MW-2 and MW-3 were 2.0, 0.8, 1.0 mg/l respectively. These concentrations are low so it will be necessary to install additional ORC into these wells to increase the availability of oxygen for biological reaction. I have requested Chevron's consultant to increase the ORC and would expect to see an increase in the DO concentration in the next sampling event.

The benzene constituent declined in monitoring wells MW-3 and MW-4 while increasing in wells VH-1 and MW-2 from the previous sampling event. The concentration of the BTEX and MtBE constituents in well MW-4 were below method detection levels. The MtBE constituent was again confirmed and detected in three on-site wells by using EPA

January 18, 1999  
Mr. Barney Chan  
Former Chevron service Station #9-4612  
Page 2

Method 8260. There is no explanation for the detection of MtBE at the site, as Chevron did not use this oxygenate in gasoline until 1991, while the tanks were removed in 1983.

The analysis for the TPH-d constituent in well MW-3 detected the presence of an unidentified hydrocarbon by its chromatogram pattern.

Depth to ground water varied from 10.59 feet to 11.62 feet below grade with the direction of flow southerly.

For your information, the Limited Soil Vapor Survey is expected to be conducted within the next 30-45 days.

Chevron will continue to monitor the site quarterly. If you have any questions or comments call me at (925) 842-9136.

Sincerely,  
**CHEVRON PRODUCTS COMPANY**



Philip R. Briggs  
Site Assessment and Remediation Project Manager

Enclosure

Cc. Mr. Jack Ratto  
PO Box 6032  
Oakland, CA. 94603

Mr. Terry McIlraith  
407 Castello Road  
Lafayette, CA 94549

Ms. Bette Owen, Chevron

**BLAINE**  
TECH SERVICES INC.

1680 ROGERS AVENUE  
SAN JOSE, CA 95112-1105  
(408) 573-7771 FAX  
(408) 573-0555 PHONE



January 14, 1999

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

#### 4th Quarter 1998 Monitoring at 9-4612

Fourth Quarter 1998 Groundwater Monitoring at  
Former Chevron Service Station Number 9-4612  
3616 San Leandro Street  
Oakland, CA

Monitoring Performed on November 6, 1998

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#### Groundwater Sampling Report 981106-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

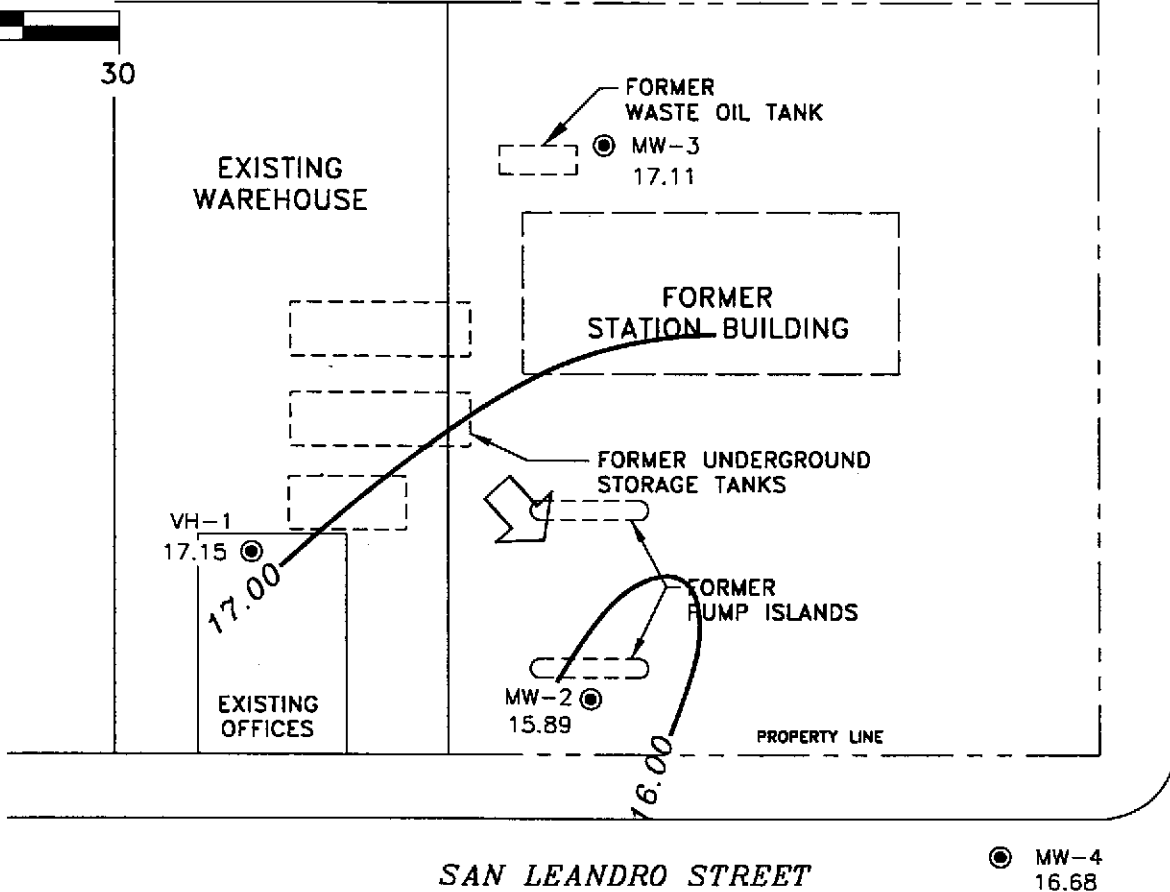
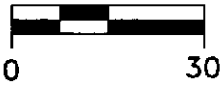
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attachments: Professional Engineering Appendix  
Cumulative Table of Well Data and Analytical Results  
Analytical Appendix  
Field Data Sheets

# **Professional Engineering Appendix**

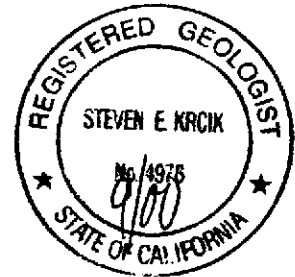


SCALE (ft)



EXPLANATION

- MONITORING WELL
- 16.69 GROUNDWATER ELEVATION (FT. MSL)
- 16.00 — GROUNDWATER ELEVATION CONTOUR (FT. MSL)
- ↘ APPROXIMATE GROUNDWATER FLOW DIRECTION;  
APPROXIMATE GRADIENT = 0.01



Basemap from Cambria Environmental Technology, Inc.

PREPARED BY

**RRM**  
engineering contracting firm

**Chevron Station 9-4612**  
3616 San Leandro Street  
Oakland, California

**GROUNDWATER ELEVATION CONTOUR MAP,  
NOVEMBER 6, 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	TPH-Diesel	TOG	HVOC	MTBE	MTBE by 8260
<b>VH-1</b>														
08/10/88	--	--	13.00	--	11,000	3300	200	520	540	--	--	--	--	--
06/01/89	--	--	10.32	--	15,000	2200	120	540	310	--	--	--	--	--
09/15/89	--	--	15.69	--	5600	1900	90	350	160	--	--	--	--	--
12/08/89	--	--	14.77	--	11,000	1900	69	270	99	--	--	--	--	--
03/07/91	--	--	11.26	--	4500	820	39	120	77	--	--	--	--	--
09/24/91	--	--	12.98	--	3300	520	19	39	27	--	--	--	--	--
01/08/92	--	--	13.77	--	5000	600	34	81	76	--	--	--	--	--
04/20/92	--	--	8.18	--	7400	670	60	110	140	--	--	--	--	--
03/26/93	27.85	21.14	6.71	--	4900	600	40	72	94	--	--	--	--	--
05/27/93	27.85	19.27	8.58	--	13,000	1600	120	230	220	--	--	--	--	--
08/18/93	27.85	17.39	10.46	--	2700	210	10	8.1	18	--	--	--	--	--
11/03/93	27.85	15.28	12.57	--	4600	680	42	35	68	--	--	--	--	--
02/10/94	27.85	18.77	9.08	--	1900	260	19	22	29	--	--	--	--	--
05/12/94	27.85	19.76	8.09	--	2000	390	28	3.9	29	--	--	--	--	--
08/26/94	27.85	17.10	10.75	--	4900	500	<5.0	23	31	--	--	--	--	--
11/14/94	27.85	18.40	9.45	--	760	69	<2.0	<2.0	2.2	300	--	--	--	--
02/01/95	27.85	21.88	5.97	--	1300	120	5.9	<0.5	13	--	--	--	--	--
05/12/95	27.85	20.14	7.71	--	4400	460	31	45	49	--	--	--	--	--
08/22/95	27.85	18.59	9.26	--	2900	310	15	28	32	--	--	--	--	--
12/19/95	27.85	19.05	8.80	--	930	53	<2.5	<2.5	<2.5	--	--	--	39	--
01/31/96	27.85	22.35	5.50	--	3700	320	<10	41	40	--	--	--	180	--
04/30/96	27.85	19.81	8.04	--	3900	270	<20	<20	<20	--	--	--	120	--
08/01/96	27.85	18.67	9.18	--	2700	140	11	18	28	--	--	--	200	--
10/30/96	27.85	18.67	10.76	--	2700	140	<12	<12	<12	--	--	--	280	--
02/07/97	27.85	19.75	8.10	--	220	13	0.6	<0.5	1.6	--	--	--	15	--
05/07/97	27.85	18.33	9.52	--	5200	33	12	21	26	--	--	--	330	--
07/22/97	27.85	17.43	10.42	--	4200	80	<10	16	24	--	--	--	400	--
11/03/97	27.85	16.85	11.00	--	2400	150	6.8	6.5	9.5	--	--	--	510	--
01/28/98	27.85	20.75	7.10	--	850	69	4.8	5.0	11	--	--	--	38	48
05/08/98	27.85	20.14	7.71	--	4200	200	30	40	42	--	--	--	310	200
07/29/98	27.85	18.40	9.45	--	3800	54	10	27	30	--	--	--	35	290
11/06/98	27.85	17.15	10.70	--	4800	100	20	12	23	--	--	--	360	210



## 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	HVOC	MTBE	MTBE by 8260
<b>MW-2</b>														
02/16/93	27.51	--	--	--	9200	720	110	250	170	--	--	--	--	--
03/26/93	27.51	19.89	7.62	--	--	--	--	--	--	--	--	--	--	--
05/27/93	27.51	18.04	9.47	--	360	5.3	2.1	1.8	2.5	--	--	--	--	--
08/18/93	27.51	16.46	11.05	--	9400	1100	76	110	100	--	--	--	--	--
11/03/93	27.51	14.56	12.95	--	8600	390	20	2.7	120	--	--	--	--	--
02/10/94	27.51	17.72	9.79	--	2700	370	38	44	41	--	--	--	--	--
05/12/94	27.51	18.59	8.92	--	3800	650	76	15	62	--	--	--	--	--
08/26/94	27.51	16.14	11.37	--	16,000	1300	270	28	120	--	--	--	--	--
11/14/94	27.51	17.48	10.03	--	5100	390	10	43	27	--	--	--	--	--
02/01/95	27.51	20.47	7.04	--	6900	520	82	170	110	--	--	--	--	--
05/12/95	27.51	18.76	8.75	--	7700	510	83	110	100	--	--	--	--	--
08/22/95	27.51	17.35	10.16	--	4500	220	16	61	47	--	--	--	--	--
12/19/95	27.51	18.05	9.46	--	2900	240	<10	19	18	--	--	--	220	--
01/31/96	27.51	21.91	5.60	--	3900	320	18	72	39	--	--	--	<25	--
04/30/96	27.51	18.68	8.83	--	5600	200	36	55	47	--	--	--	170	--
08/01/96	27.51	17.25	10.26	--	6200	190	15	62	59	--	--	--	220	--
10/30/96	27.51	17.25	11.48	--	5700	190	<25	67	36	--	--	--	260	--
02/07/97	27.51	18.11	9.40	--	8300	210	34	70	59	--	--	--	330	--
05/07/97	27.51	17.57	9.94	--	6900	190	12	38	37	--	--	--	530	--
07/22/97	27.51	16.36	11.15	--	10,000	18	25	62	41	--	--	--	630	--
11/03/97	27.51	15.93	11.58	--	6500	260	8.5	26	14	--	--	--	590	--
11/03/97	27.51	15.93	11.58	Confirmation run	--	--	--	--	--	--	--	--	--	96
01/28/98	27.51	19.38	8.13	--	6700	65	13	67	54	--	--	--	280	94
05/08/98	27.51	18.89	8.62	--	5500	91	38	43	61	--	--	--	220	62
07/29/98	27.51	17.06	10.45	--	3600	41	8.9	3.6	14	--	--	--	16	94
11/06/98	27.51	15.89	11.62	--	6900	77	<5.0	14	17	--	--	--	290	110

## 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	HVOC	MTBE	MTBE by 8260
<b>MW-3</b>														
02/16/93	28.50	--	--	--	3500	<0.5	8.1	4.6	7.7	--	--	--	--	--
03/26/93	28.50	21.32	7.18	--	--	--	--	--	--	--	--	--	--	--
05/27/93	28.50	19.17	9.33	--	4200	580	84	150	100	--	--	--	--	--
08/18/93	28.50	16.50	12.00	--	910	12	3.7	6.2	3.8	1400	<5000	ND	--	--
11/03/93	28.50	15.21	13.29	--	5300	29	1.9	0.6	27	--	--	--	--	--
02/10/94	28.50	18.87	9.63	--	63	<0.5	0.7	<0.5	<0.5	<50	--	--	--	--
05/12/94	28.50	19.73	8.77	--	<50	<0.5	0.5	<0.5	<0.5	84	--	--	--	--
08/26/94	28.50	17.08	11.42	--	2100	12	<0.5	5.0	0.5	--	--	--	--	--
11/14/94	28.50	18.43	10.07	--	140	0.78	<0.5	<0.5	<0.5	--	--	--	--	--
02/01/95	28.50	22.21	6.29	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--
05/12/95	28.50	20.43	8.07	--	330	13	1.1	1.9	0.69	540*	--	--	--	--
08/22/95	28.50	18.55	9.95	--	980	32	<1.0	<1.0	<1.0	550*	--	--	--	--
12/19/95	28.50	19.10	9.40	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	<2.5	--
01/31/96	28.50	23.45	5.05	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	<2.5	--
04/30/96	28.50	20.10	8.40	--	320	2.4	<0.5	0.75	<0.5	240*	--	--	7.8	--
08/01/96	28.50	18.70	9.80	--	980	9.6	<0.5	0.98	2.2	470*	--	--	54	--
10/30/96	28.50	18.70	11.48	--	2000	14	<10	<10	<10	760*	--	--	140	--
02/07/97	28.50	19.90	8.60	--	200*	<0.5	<0.5	<0.5	<0.5	61*	--	--	8.9	--
05/07/97	28.50	19.49	9.01	--	3500	14	3.9	3.6	8.0	550*	--	--	160	--
07/22/97	28.50	17.38	11.12	--	3500	55	<10	<10	<10	800*	--	--	150	--
11/03/97	28.50	16.99	11.51	--	4100	140	<5.0	<5.0	<5.0	910*	--	--	380	--
01/28/98	28.50	21.16	7.34	--	1100	24	<1.2	<1.2	2.8	--	--	--	33	6.1
05/08/98	28.50	20.44	8.06	--	990	3.6	7.7	0.70	2.2	250*	--	--	37	7.5
07/29/98	28.50	18.25	10.25	--	1200	13	<0.5	<0.5	1.4	290*	--	--	11	28
11/06/98	28.50	17.11	11.39	--	2600	5.3	<2.5	<2.5	3.0	390*	--	--	91	41

\* 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	HVOC	MTBE	MTBE by 8260
<b>MW-4</b>														
08/22/95	27.27	18.16	9.11	--	9600	100	<10	<10	<10	--	--	--	--	--
12/19/95	27.27	18.97	8.30	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
01/31/96	27.27	21.67	5.60	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
04/30/96	27.27	20.27	7.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
08/01/96	27.27	18.12	9.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
10/30/96	27.27	18.12	10.74	--	110	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
02/07/97	27.27	19.47	7.80	--	80	<0.5	<0.5	<0.5	<0.5	--	--	--	4.1	--
05/07/97	27.27	21.42	5.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
07/22/97	27.27	17.22	10.05	--	150	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
11/03/97	27.27	16.55	10.72	--	52	0.90	<0.5	<0.5	<0.5	--	--	--	*	--
01/28/98	27.27	20.76	6.51	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	<2.0
05/08/98	27.27	20.25	7.02	--	56	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	<2.0
07/29/98	27.27	18.32	8.95	--	<50	0.90	<0.5	<0.5	<0.5	--	--	--	<2.5	<2.0
11/06/98	27.27	16.68	10.59	--	72	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	<2.0

\* No value for MTBE could be determined; see lab report for analyses.

## 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	HVOC	MTBE	MTBE by 8260
<b>TRIP BLANK</b>														
05/27/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--
08/18/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	1400	<5000	ND	--	--
11/03/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
02/10/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--
05/12/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	84	--	--	--	--
08/26/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
11/14/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
02/01/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
05/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
08/22/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/19/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
01/31/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
04/30/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
08/01/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
10/30/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
02/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
05/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
07/22/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
01/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.0
05/08/98	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.0
07/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.0
11/06/98	--	--	--	--	<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

TOG = Total Oil & Grease

HVOC = Halogenated Volatile Organic Compounds

MTBE = Methyl t-Butyl Ether

# Analytical Appendix



Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: VH-1 Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9811540-01	Sampled: 11/06/98 Received: 11/09/98  Analyzed: 11/13/98 Reported: 11/23/98
Attention: Christine Lillie		


QC Batch Number: MS111298MTBEH6A  
Instrument ID: H6

**Methyl t-Butyl Ether (MTBE)**

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	10	210
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
1,2-Dichloroethane-d4	76	114
		88

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
Mike Gregory  
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: VH-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9811540-01	Sampled: 11/06/98 Received: 11/09/98  Analyzed: 11/14/98 Reported: 11/23/98
Attention: Christine Lillie		

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	4800
Methyl t-Butyl Ether	25	360
Benzene	5.0	100
Toluene	5.0	20
Ethyl Benzene	5.0	12
Xylenes (Total)	5.0	23
Chromatogram Pattern:		GAS
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	107

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

**SEQUOIA ANALYTICAL - ELAP #1210**

Mike Gregory  
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: MW-2 Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9811540-02	Sampled: 11/06/98 Received: 11/09/98 Analyzed: 11/13/98 Reported: 11/23/98
Attention: Christine Lillie		

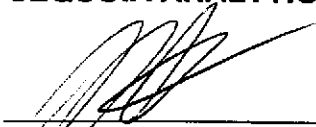
QC Batch Number: MS111298MTBEH6A  
Instrument ID: H6

**Methyl t-Butyl Ether (MTBE)**

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	100	110
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
1,2-Dichloroethane-d4	76      114	91

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

**SEQUOIA ANALYTICAL** - ELAP #1210

  
 \_\_\_\_\_  
 Mike Gregory  
 Project Manager







Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: MW-2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9811540-02	Sampled: 11/06/98 Received: 11/09/98  Analyzed: 11/14/98 Reported: 11/23/98
Attention: Christine Lillie		

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	6900
Methyl t-Butyl Ether	25	290
Benzene	5.0	77
Toluene	5.0	N.D.
Ethyl Benzene	5.0	14
Xylenes (Total)	5.0	17
Chromatogram Pattern:		GAS

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	106

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: MW-3 Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9811540-03	Sampled: 11/06/98 Received: 11/09/98 Analyzed: 11/13/98 Reported: 11/23/98
--	---	---

QC Batch Number: MS111298MTBEH6A  
Instrument ID: H6

**Methyl t-Butyl Ether (MTBE)**

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	6.6	41
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
1,2-Dichloroethane-d4	76                      114	92

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: MW-3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9811540-03	Sampled: 11/06/98 Received: 11/09/98 Analyzed: 11/14/98 Reported: 11/23/98
Attention: Christine Lillie		

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE**

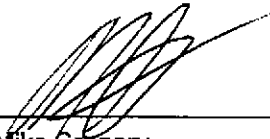
Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	250	2600
Methyl t-Butyl Ether	12	91
Benzene	2.5	5.3
Toluene	2.5	N.D.
Ethyl Benzene	2.5	N.D.
Xylenes (Total)	2.5	3.0
Chromatogram Pattern:		GAS

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

  
Mike Gregory  
Project Manager





**Sequoia  
Analytical**

680 Chesapeake Drive  
404 N. Wiger Lane  
819 Striker Avenue, Suite 8  
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834  
Petaluma, CA 94954

(650) 364-9600  
(925) 988-9600  
(916) 921-9600  
(707) 792-1865

FAX (650) 364-9233  
FAX (925) 988-9673  
FAX (916) 921-0100  
FAX (707) 792-0342

Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: MW-3 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9811540-03	Sampled: 11/06/98 Received: 11/09/98 Extracted: 11/18/98 Analyzed: 11/20/98 Reported: 11/23/98
Attention: Christine Lillie		

QC Batch Number: GC1118980HBPEXB  
Instrument ID: GCHP5B

**Total Extractable Petroleum Hydrocarbons (TEPH)**

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	390 UNID.-HC
Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50                      150	104

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: MW-4 Matrix: LIQUID Analysis Method: EPA 8260 Lab Number: 9811540-04	Sampled: 11/06/98 Received: 11/09/98 Analyzed: 11/13/98 Reported: 11/23/98
--	---	---


QC Batch Number: MS111298MTBEH6A  
Instrument ID: H6

**Methyl t-Butyl Ether (MTBE)**

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	2.0	N.D.
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
1,2-Dichloroethane-d4	76                      114	95

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

SEQUOIA ANALYTICAL - ELAP #1210

  
 \_\_\_\_\_  
 Mike Gregory  
 Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: MW-4 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9811540-04	Sampled: 11/06/98 Received: 11/09/98 Analyzed: 11/14/98 Reported: 11/23/98
Attention: Christine Lillie		

**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	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:		GAS
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	107

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

**SEQUOIA ANALYTICAL** - ELAP #1210

Mike Gregory  
Project Manager





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-4612/981106-L2 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9811540-05	Sampled: 11/06/98 Received: 11/09/98 Analyzed: 11/14/98 Reported: 11/23/98
Attention: Christine Lillie		

**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:		
<b>Surrogates</b>	<b>Control Limits %</b>	<b>% Recovery</b>
Trifluorotoluene	70 130	108

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

**SEQUOIA ANALYTICAL - ELAP #1210**

  
Mike Gregory  
Project Manager





**Sequoia  
Analytical**

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8  
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834  
Petaluma, CA 94954

(650) 364-9600  
(925) 988-9600  
(916) 921-9600  
(707) 792-1865

FAX (650) 364-9233  
FAX (925) 988-9673  
FAX (916) 921-0100  
FAX (707) 792-0342

Blaine Tech Services  
1680 Rogers Avenue  
San Jose, CA 95112  
Attention: Christine Lillie

Client Proj. ID: Chevron 9-4612/981106-L2  
Lab Proj. ID: 9811540

Received: 11/09/98  
Reported: 11/23/98

### LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 16 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

**MTBE6W Note:**

Samples 9811540-01, 02, 03 were diluted 5, 50, 3.3 times, respectively, due to high hydrocarbons.

**TPH-GAS/BTEX:**

Sample 9811540-01 was diluted 10-fold.  
Sample 9811540-02 was diluted 10-fold.  
Sample 9811540-03 was diluted 5-fold.

**SEQUOIA ANALYTICAL**

Mike Gregory  
Project Manager







**Sequoia  
Analytical**

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8  
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834  
Petaluma, CA 94954

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Blaine Tech Services  
1680 Rogers Avenue  
San Jose, CA 95112  
Attention: Christine Lillie

Client Project ID: Chevron 9-4612/981106-L2

QC Sample Group: 9811540-03

Reported: Nov 23, 1998

**QUALITY CONTROL DATA REPORT**

Matrix: Liquid  
Method: EPA 8015A  
Analyst: G.WARDLE

**ANALYTE** Diesel

QC Batch #: GC1118980HBPEXB

LCS ID: BLK111898BS

Date Prepared: 11/18/98

Date Analyzed: 11/19/98

Instrument I.D.#: GCHP4A

Conc. Spiked, ug/L: 1000

Blank Spike, ug/L: 770

% Recovery: 77

Blank

Spike Duplicate, ug/L: 730

% Recovery: 73

Relative % Difference: 5.3

% Recovery

Control Limits: 50-150

RPD Control Limits: 0-50

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

**SEQUOIA ANALYTICAL**

  
Mike Gregory  
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  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8  
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834  
Petaluma, CA 94954

(650) 364-9600  
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FAX (925) 988-9673  
FAX (916) 921-0100  
FAX (707) 792-0342

Blaine Tech Services, Inc.  
1680 Rogers Ave.  
San Jose, CA 95112  
Attention: Christine Lillie

Client Project ID: Chevron 9-4612/981106-L2  
Matrix: Liquid

Work Order #: 9811540 -01-05

Reported: Nov 30, 1998

## QUALITY CONTROL DATA REPORT

<b>Analyte:</b>	Gasoline
<b>QC Batch#:</b>	8110236
<b>Analy. Method:</b>	EPA 8015M/8020M
<b>Prep. Method:</b>	EPA 5030

**Analyst:** -  
**MS/MSD #:** P811136-01  
**Sample Conc.:** N.D.  
**Prepared Date:** 11/14/98  
**Analyzed Date:** 11/14/98  
**Instrument I.D.#:** -  
**Conc. Spiked:** 1000 µg/L

**Result:** 1580  
**MS % Recovery:** 96.4

**Dup. Result:** 1560  
**MSD % Recov.:** 94.4

**RPD:** 1.27  
**RPD Limit:** 0-12

**LCS #:** LCS111498  
**Prepared Date:** 11/14/98  
**Analyzed Date:** 11/14/98  
**Instrument I.D.#:** -  
**Conc. Spiked:** 1000 µg/L  
**LCS Result:** 1010  
**LCS % Recov.:** 101

<b>MS/MSD</b>	53-146
<b>LCS</b>	79-127
<b>Control Limits</b>	

SEQUOIA ANALYTICAL  
Elap #2245

*Mike Gregory*  
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

9811540.BLA <1>





# Sequoia Analytical

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8  
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834  
Petaluma, CA 94954

(650) 364-9600  
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(916) 921-9600  
(707) 792-1865

FAX (650) 364-9233  
FAX (925) 988-9673  
FAX (916) 921-0100  
FAX (707) 792-0342

Blaine Tech Services, Inc.  
1680 Rogers Ave.  
San Jose, CA 95112  
Attention: Christine Lillie

Client Project ID: Chevron 9-4612/981106-L2  
Matrix: Liquid

Work Order #: 9811540-01

Reported: Nov 30, 1998

## QUALITY CONTROL DATA REPORT

Analyte: MTBE

QC Batch#: MS111298MTBEH6A

Analy. Method: EPA 8260

Prep. Method: N.A.

Analyst: T. Costello

MS/MSD #: 981159802

Sample Conc.: 6.1

Prepared Date: 11/12/98

Analyzed Date: 11/12/98

Instrument I.D.#: H6

Conc. Spiked: 50 µg/L

Result: 50

MS % Recovery: 88

Dup. Result: 50

MSD % Recov.: 88

RPD: 0.0

RPD Limit: 0-25

LCS #: LCS111298

Prepared Date: 11/12/98

Analyzed Date: 11/12/98

Instrument I.D.#: H6

Conc. Spiked: 50 µg/L

LCS Result: 43

LCS % Recov.: 86

MS/MSD 60-140

LCS 70-130

Control Limits

SEQUOIA ANALYTICAL

  
Mike Category  
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

9811540.BLA <2>





**Sequoia  
Analytical**

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8  
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834  
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Blaine Tech Services, Inc.  
1680 Rogers Ave.  
San Jose, CA 95112  
Attention: Christine Lillie

Client Project ID: Chevron 9-4612/981106-L2  
Matrix: Liquid

Work Order #: 9811540-02-04

Reported: Nov 30, 1998

**QUALITY CONTROL DATA REPORT**

**Analyte:** MTBE  
**QC Batch#:** MS111298MTBEH6A  
**Analy. Method:** EPA 8260  
**Prep. Method:** N.A.

**Analyst:** T. Costello  
**MS/MSD #:** 981159802  
**Sample Conc.:** 6.1  
**Prepared Date:** 11/12/98  
**Analyzed Date:** 11/12/98  
**Instrument I.D.#:** H6  
**Conc. Spiked:** 50 µg/L

**Result:** 50  
**MS % Recovery:** 88

**Dup. Result:** 50  
**MSD % Recov.:** 88

**RPD:** 0.0  
**RPD Limit:** 0-25

**LCS #:** LCS111398  
**Prepared Date:** 11/13/98  
**Analyzed Date:** 11/13/98  
**Instrument I.D.#:** H6  
**Conc. Spiked:** 50 µg/L  
**LCS Result:** 44  
**LCS % Recov.:** 88

**MS/MSD** 60-140  
**LCS** 70-130  
**Control Limits**

**SEQUOIA ANALYTICAL**

*Handwritten signature of Mike Gregory*  
Mike Gregory  
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

9811540.BLA <3>



-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>9-4612</u> Facility Address <u>3616 San Leandro St. Oakland, CA</u> Consultant Project Number <u>981106-L2</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>LAD GILBERT ST</u> Signature <u>[Signature]</u>
---	--	--

9811540

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air 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)	Oxybenzates (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 - HCD	TPH-D Extended	MTBE BY 8020/8260								
VH-1	5	W	HLL	11/6/98/1515	X													X								0
MW-2	5			11/14/98	X													X								2
MW-3	7			11/14/98	X		X											X								3 = 1?
MW-4	5			11/14/98	X													X								4
TB	2				X													X								5

Relinquished By (Signature) <u>[Signature]</u>	Organization	Date/Time 11/9/98 11:20	Received By (Signature) <u>[Signature]</u>	Organization 92800-P	Date/Time 11-9-98 11:23	Iced Y/N	Turn Around Time (Circle Choice)  24 Hrs. 48 Hrs. 5 Days 10 Days <input checked="" type="radio"/> As Contracted
Relinquished By (Signature) <u>[Signature]</u>	Organization SEQUOIA	Date/Time 11-9-98	Received By (Signature)	Organization	Date/Time	Iced Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature) <u>[Signature]</u>	Organization	Date/Time 11/9	Iced Y/N C	

# **Field Data Sheets**



## CHEVRON WELL MONITORING DATA SHEET

Project #: 981106-L2	Station #: 9-4612
Sampler: LAD	Date: 11-6-98
Well I.D.: VH-1	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 28.30	Depth to Water: 10.70
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	radius <sup>2</sup> * 0.163

Purge Method:  Bailer      Sampling Method:  Bailer  
 Disposable Bailer       Disposable Bailer  
 Middleburg       Extraction Port  
 Electric Submersible      Other: \_\_\_\_\_  
 Extraction Pump  
 Other: \_\_\_\_\_

11.4	x	3	=	34.2	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1508	66.2	6.5	1000.	12.	
1510	66.8	6.4	1000.	24.	
1512	66.8	6.3	1000.	36.	

Did well dewater?    Yes     No    Gallons actually evacuated: 36.

Sampling Time: 1515    Sampling Date: 11-6-98

Sample I.D.: VH-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: 2.0 mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV



## CHEVRON WELL MONITORING DATA SHEET

Project #: <u>980981106-L2</u>	Station #: <u>9-4612</u>
Sampler: <u>LAD</u>	Date: <u>11-6-98</u>
Well I.D.: <u>MW-2</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>19.75</u>	Depth to Water: <u>11.62</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH

Well Diameter	Multiplier	Well Diameter	Multiplier
2"	0.16	5"	1.02
3"	0.37	6"	1.47
4"	0.65	Other	radius <sup>2</sup> * 0.163

Purge Method: <u>Bailer</u> <del>Disposable Bailer</del> <u>Middleburg</u> <u>Electric Submersible</u> <u>Extraction Pump</u> Other: _____	Sampling Method: <u>Bailer</u> <del>Disposable Bailer</del> <u>Extraction Port</u> Other: _____
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<u>1.3</u>	X	<u>3</u>	=	<u>3.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1441</u>	<u>67.8</u>	<u>6.5</u>	<u>1000.</u>	<u>2.</u>	
<u>1444</u>	<u>68.6</u>	<u>6.5</u>	<u>980.</u>	<u>3.</u>	
<u>1447</u>	<u>67.8</u>	<u>6.4</u>	<u>950.</u>	<u>4.</u>	

Did well dewater? Yes <u>(No)</u>	Gallons actually evacuated: <u>4</u>
Sampling Time: <u>1450</u>	Sampling Date: <u>11-6-98</u>
Sample I.D.: <u>MW-2</u>	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>0.8</u> mg/L	Post-purge:	mg/L	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## CHEVRON WELL MONITORING DATA SHEET

Project #: 981106-L2	Station #: 9-4612
Sampler: LAD	Date: 11-6-98
Well I.D.: MW-3	Well Diameter: ② 3 4 6 8
Total Well Depth: 19.30	Depth to Water: 11.39
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	radius <sup>2</sup> * 0.163

Purge Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
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<u>1.3</u>	x	<u>3</u>	=	<u>3.9</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1418	67.6	6.5	1000.	2.	
1421	67.6	6.4	950.	3.	
1424	66.0	6.4	980.	4.	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 4
Sampling Time: 1425	Sampling Date: 11-6-98
Sample I.D.: MW-3	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: 1.0 mg/L Post-purge: _____ mg/L
O.R.P. (if req'd):	Pre-purge: _____ mV Post-purge: _____ mV