Chevron

July 1, 1999

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

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

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

Re: Former Signal Service Station #S0800 (206145)
800 Center Street
Oakland, California

Dear Mr. Seto:

Enclosed is a copy of the Second Quarter Groundwater Monitoring report for 1999 that was prepared by our consultant Blaine Tech Services, Inc. for the above noted facility. Groundwater samples were analyzed for TPH-g, BTEX and MtBE constituents. Monitoring wells MW-2 and MW-7 are sampled annually (1st quarter) with wells MW-4 and MW-5 sampled semi-annually (1st & 3rd quarters). Wells MW-1, MW-3 and MW-6 are sampled quarterly.

In monitoring well MW-6 the concentrations were below method detection limits for all the constituents. The benzene concentration decreased in monitoring well MW-3 from the previous sampling event, while increasing in well MW-1. No sample was taken from well MW-5, as it was inaccessible, due to a car parked over it. MtBE was not confirmed in wells MW-1 and MW-3 by EPA Method 8260.

The depth to ground water varied from 6.25 feet to 7.89 feet below grade with a direction of flow southwesterly.

Chevron will continue to monitor the site based on the sampling frequency noted above. If you have any questions please call me at (925) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

99 JUL -6 PM 1:33
ENVIRONMENTAL PROTECTION

Enclosure

cc: Ms. Bette Owen, Chevron

Ms. Anne Payne, Chevron, V-1156

Mr. Terrell A. Sadler
618 Brooklyn Avenue
Oakland, CA. 94606

Mr. James Scott
BPH, Inc.
333 Hegenberger Road, Suite 209
Oakland, CA 94621

Mr. Hollis Rodgers
c/o Victor E. Brown, Esq.
580 Grand Avenue
Oakland, CA 94610

Mr. James Perkins, R.G., C.E.M.
Cambria Environmental Technology, Inc.
1144 65th Street, Suite B
Oakland, CA 94608

BLAINE
TECH SERVICES INC.

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

June 21, 1999

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

2nd Quarter 1999 Monitoring at 206145

Second Quarter 1999 Groundwater Monitoring at
Former Chevron Service Station Number 206145
800 Center St.
Oakland, CA

Monitoring Performed on May 6, 1999

Groundwater Sampling Report **990506-C-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.

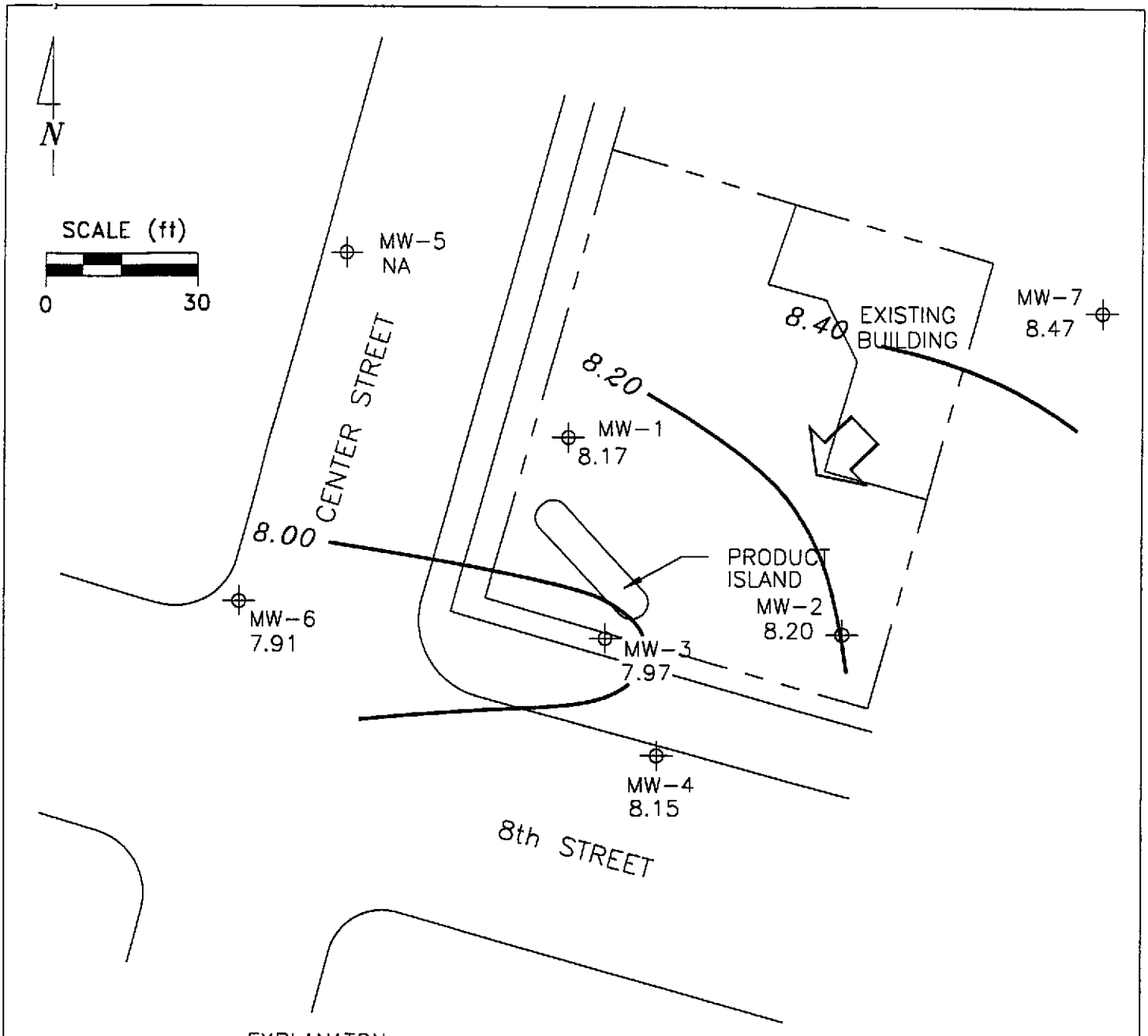
Yours truly,

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



EXPLANATON

- ⊕ MONITORING WELL
- 8.15 GROUNDWATER ELEVATION (FT, MSL)
- 8.40 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- NA DATA NOT AVAILABLE
- APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.003

REGISTERED GEOLOGIST
STEVEN E. KRCIK
No. 4976
9/00
STATE OF CALIFORNIA

Ref. 206145.dwg
Basemap from Ron Archer Engineer Inc.

PREPARED BY
RRM
engineering contracting firm

Former Signal Service Station 206145
800 Center Street
Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP, MAY 6, 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	CUB (cfu/ml)
MW-1											
10/27/95	15.69	10.54	5.15	--	170,000	19,000	34,000	4800	26,000	--	--
02/20/97	15.64	8.96	6.68	--	18,000	870	3500	470	2100	<250	--
04/24/97	15.64	7.30	8.34	--	76,000	4600	16,000	1600	8300	1000	--
07/23/97	15.64	5.90	9.74	--	37,000	2700	8000	870	6100	<250	--
10/29/97	15.64	--	--	Inaccessible	--	--	--	--	--	--	--
01/28/98	15.64	9.30	6.34	--	10,000	380	2000	300	1500	<25	--
05/11/98	15.64	8.72	6.92	--	17,000	880	3100	380	2300	<250	--
07/16/98	15.64	7.23	8.41	--	29,000	2700	6800	890	3900	<1000	--
08/04/98	15.64	6.90	8.74	**	--	--	--	--	--	--	$<1.0 \times 10^1$
09/03/98	15.64	6.43	9.21	**/+	--	--	--	--	--	--	4.1×10^3
10/21/98	15.64	5.59	10.05	***	--	--	--	--	--	--	4.7×10^2
11/04/98	15.64	5.64	10.00	--	25,000	1900	5900	810	4300	<125	--
01/26/99	15.64	6.86	8.78	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	15.64	8.17	7.47	--	8050	515	1840	256	1190	300	--
05/06/99	15.64	8.17	7.47	Confirmation Run	--	--	--	--	--	<20	--

** Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.

***Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.

+ See Table of Additional 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	MTBE	CUB (cfu/ml)
MW-2											
10/27/95	15.77	10.60	5.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	15.72	8.51	7.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	15.72	7.82	7.90	--	83*	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	15.72	5.92	9.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	15.72	5.13	10.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	15.72	9.21	6.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	15.72	8.82	6.90	Sampled annually	--	--	--	--	--	--	--
07/16/98	15.72	7.37	8.35	--	--	--	--	--	--	--	--
08/04/98	15.72	7.03	8.69	**	--	--	--	--	--	--	1.9×10^1
09/03/98	15.72	6.44	9.28	**/+	--	--	--	--	--	--	3.0×10^2
10/21/98	15.72	5.51	10.21	***	--	--	--	--	--	--	8.8×10^2
11/04/98	15.72	5.60	10.12	--	--	--	--	--	--	--	--
01/26/99	15.72	6.87	8.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	15.72	8.20	7.52	--	--	--	--	--	--	--	--

* Chromatogram pattern indicates an unidentified hydrocarbon.

** Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.

***Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.

+ See Table of Additional 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	MTBE	CUB (cfu/ml)
MW-3											
10/27/95	15.46	10.37	5.09	--	33,000	11,000	1700	2300	4200	--	--
02/20/97	15.42	8.37	7.05	--	260	56	<1.0	7.6	5.9	<5.0	--
04/24/97	15.42	7.29	8.13	--	1400	310	28	76	75	74	--
07/23/97	15.42	5.84	9.58	--	37,000	10,000	1500	2700	4200	2500	--
10/29/97	15.42	5.09	10.33	--	53,000	12,000	1200	3000	3100	2500	--
01/28/98	15.42	8.94	6.48	--	210	43	1.5	1.7	3.9	10	--
05/11/98	15.42	8.49	6.93	--	59	11	<0.5	2.1	<0.5	<2.5	--
07/16/98	15.42	7.14	8.28	--	260	90	4.8	18	5.7	<10	--
08/04/98	15.42	6.88	8.54	*	--	--	--	--	--	--	8.5×10^2
09/03/98	15.42	6.34	9.08	*/+	--	--	--	--	--	--	2.4×10^3
10/21/98	15.42	5.62	9.80	**	--	--	--	--	--	--	6.0×10^1
11/04/98	15.42	5.60	9.82	--	73,000	17,000	3800	4900	8100	<250	--
01/26/99	15.42	6.70	8.72	--	32,400	10,200	1850	2650	3140	715	--
01/26/99	15.42	6.70	8.72	**Confirmation Run**	--	--	--	--	--	**<500**	--
05/06/99	15.42	7.97	7.45	--	3160	668	89.6	180	123	<200	--
05/06/99	15.42	7.97	7.45	Confirmation Run	--	--	--	--	--	<10	--

* Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.

** Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.

+ See Table of Additional 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	MTBE	CUB (cfu/ml)
MW-4											
10/27/95	14.45	9.37	5.08	--	66	6.8	<0.5	<0.5	<0.5	--	--
02/20/97	14.40	8.12	6.28	--	54	<0.5	<0.5	<0.5	7.4	39	--
04/24/97	14.40	7.29	7.11	--	54	1.4	<0.5	0.65	3.0	100	--
07/23/97	14.40	5.80	8.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	14.40	5.74	8.66	Inaccessible	--	--	--	--	--	--	--
11/13/97	14.40	4.97	9.43	--	<50	<0.5	0.79	<0.5	<0.5	<2.5	--
01/28/98	14.40	8.88	5.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	14.40	8.40	6.00	Sampled biannually	--	--	--	--	--	--	--
07/16/98	14.40	7.08	7.32	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98	14.40	6.28	8.12	*	--	--	--	--	--	--	1.8×10^4
09/03/98	14.40	6.32	8.08	*/+	--	--	--	--	--	--	1.4×10^4
10/21/98	14.40	5.64	8.76	**	--	--	--	--	--	--	8.6×10^4
11/04/98	14.40	5.61	8.79	--	--	--	--	--	--	--	--
01/26/99	14.40	6.71	7.69	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	14.40	8.15	6.25	--	--	--	--	--	--	--	--

* Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.

** Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.

+ See Table of Additional 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	MTBE	CUB (cfu/ml)
MW-5											
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	15.03	--	--	Inaccessible	--	--	--	--	--	--	--
04/24/97	15.03	--	--	Inaccessible	--	--	--	--	--	--	--
04/30/97	15.03	7.06	7.97	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	15.03	--	--	Inaccessible	--	--	--	--	--	--	--
10/29/97	15.03	--	--	Inaccessible	--	--	--	--	--	--	--
01/28/98	15.03	8.83	6.20	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	15.03	--	--	Inaccessible	--	--	--	--	--	--	--
07/16/98	15.03	7.28	7.75	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98	15.03	--	--	Inaccessible	--	--	--	--	--	--	--
11/04/98	15.03	--	--	Inaccessible	--	--	--	--	--	--	--
01/26/99	15.03	--	--	Inaccessible	--	--	--	--	--	--	--
05/06/99	15.03	--	--	Inaccessible	--	--	--	--	--	--	--

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	CUB (cfu/ml)
MW-6											
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	14.73	8.11	6.62	--	800	310	23	11	28	<12	--
04/24/97	14.73	7.13	7.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	14.73	5.73	9.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	14.73	4.98	9.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	14.73	8.19	6.54	--	160	38	<0.5	<0.5	<0.5	<2.5	--
05/11/98	14.73	8.08	6.65	--	1700	490	72	39	52	<25	--
07/16/98	14.73	7.04	7.69	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
08/04/98	14.73	6.89	7.84	*	--	--	--	--	--	--	8.6×10^3
09/03/98	14.73	6.24	8.49	*/+	--	--	--	--	--	--	2.9×10^3
10/21/98	14.73	5.46	9.27	**	--	--	--	--	--	--	1.8×10^3
11/04/98	14.73	5.52	9.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/26/99	14.73	6.49	8.24	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	14.73	7.91	6.82	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

* Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.

**Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.

+ See Table of Additional 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	MTBE	CUB (cfu/ml)
MW-7											
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/20/97	16.36	8.86	7.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	16.36	7.59	8.77	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	16.36	6.09	10.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	16.36	5.28	11.08	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	16.36	9.10	7.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	16.36	9.11	7.25	Sampled annually	--	--	--	--	--	--	--
07/16/98	16.36	8.00	8.36	--	--	--	--	--	--	--	--
08/04/98	16.36	7.32	9.04	*	--	--	--	--	--	--	1.5×10^3
09/03/98	16.36	6.65	9.71	*/+	--	--	--	--	--	--	6.5×10^2
10/21/98	16.36	5.96	10.40	**	--	--	--	--	--	--	4.8×10^3
11/04/98	16.36	5.89	10.47	--	--	--	--	--	--	--	--
01/26/99	16.36	8.25	8.11	--	<50	<0.5	<0.5	<0.5	0.5	<2.0	--
05/06/99	16.36	8.47	7.89	--	--	--	--	--	--	--	--

* Contaminate hydrocarbon utilizing bacteria plate count was run with diesel and jet fuel degraders.

**Contaminate hydrocarbon utilizing bacteria plate count was run with gasoline degraders.

+ See Table of Additional 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	MTBE	CUB (cfu/ml)
TRIP BLANK											
02/20/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/11/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/16/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/04/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
01/26/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/06/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

ADDITIONAL ANALYSES

Analytical values are in parts per billion (ppb)

DATE	Notes	Total Alkalinity	Ferrous Iron	Nitrate as Nitrate	Sulfate	Pre-purge D.O. (mg/L)	Post-purge D.O. (mg/L)	Pre-purge O.R.P. (mV)	Post-purge O.R.P. (mV)
MW-1									
09/03/98	--	230,000	9800	<1000	6100	2.3	1.6	-90	-103
MW-2									
09/03/98	--	390,000	7400	<1000	21,000	2.8	2.5	-206	-163
MW-3									
09/03/98	--	830,000	45,000	<1000	10,000	3.1	0.7	-124	-99
MW-4									
09/03/98	--	--	--	--	--	2.6	1.1	-190	-206
MW-6									
09/03/98	--	94,000	62	28,000	47,000	2.6	3.2	-148	-167
MW-7									
09/03/98	--	170,000	120	7800	57,000	2.7	3.2	-207	-229

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on February 20, 1997. Earlier field data and analytical results are drawn from the January 24, 1997 Groundwater Technology, Inc. report.

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
MTBE = Methyl t-Butyl Ether
ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.
CUB = Contaminate Utilizing Baceria

Analytical Appendix

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

May 24, 1999

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

RE: Chevron(8)/L905081

Dear Christine Lillie:

Enclosed are the results of analyses for sample(s) received by the laboratory on May 7, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Gregory
Project Manager D.M.

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
FAX (650) 232-9612

Blaine Tech Services	Project:	Chevron(8)	Sampled:	5/6/99
1680 Rogers Avenue	Project Number:	Chevron 206145/990506-C7	Received:	5/7/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	5/24/99

ANALYTICAL REPORT FOR L905081

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW1	L905081-01	Water	5/6/99
MW6	L905081-02	Water	5/6/99
MW3	L905081-03	Water	5/6/99
TB	L905081-04	Water	5/6/99

Sequoia Analytical

1551 Industrial Road
San Carlos, CA 94070-4111
(650) 232-9600
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Blaine Tech Services	Project:	Chevron(8)	Sampled: 5/6/99
1680 Rogers Avenue	Project Number:	Chevron 206145/990506-C7	Received: 5/7/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 5/24/99

Sample Description: **MW1**
Laboratory Sample Number: **L905081-01**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9050083	5/18/99	5/18/99		2500	**8050**	ug/l	1
Benzene	"	"	"		25.0	**515**	"	
Toluene	"	"	"		25.0	**1840**	"	
Ethylbenzene	"	"	"		25.0	**256**	"	
Xylenes (total)	"	"	"		25.0	**1190**	"	
Methyl tert-butyl ether	"	"	"		250	**300**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*95.5*	%	
MTBE by EPA Method 8260A								
Methyl tert-butyl ether	9050061	5/14/99	5/14/99		20.0	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*107*	%	

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Blaine Tech Services	Project:	Chevron(8)	Sampled: 5/6/99
1680 Rogers Avenue	Project Number:	Chevron 206145/990506-C7	Received: 5/7/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 5/24/99

Sample Description: **MW6**
Laboratory Sample Number: **L905081-02**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9050083	5/18/99	5/18/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*97.0*	*%*	

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Blaine Tech Services	Project:	Chevron(8)	Sampled: 5/6/99
1680 Rogers Avenue	Project Number:	Chevron 206145/990506-C7	Received: 5/7/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 5/24/99

Sample Description: **MW3**
Laboratory Sample Number: **L905081-03**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9050081	5/18/99	5/18/99		2000	**3160**	ug/l	1
Benzene	"	"	"		20.0	**668**	"	
Toluene	"	"	"		20.0	**89.6**	"	
Ethylbenzene	"	"	"		20.0	**180**	"	
Xylenes (total)	"	"	"		20.0	**123**	"	
Methyl tert-butyl ether	"	"	"		200	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*113*	%	
MTBE by EPA Method 8260A								
Methyl tert-butyl ether	9050061	5/14/99	5/14/99		10.0	ND	ug/l	
Surrogate: 1,2-Dichloroethane-d4	"	"	"	*76.0-114*		*108*	%	

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Blaine Tech Services	Project:	Chevron(8)	Sampled: 5/6/99
1680 Rogers Avenue	Project Number:	Chevron 206145/990506-C7	Received: 5/7/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 5/24/99

Sample Description: **TB**
Laboratory Sample Number: **L905081-04**

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
Sequoia Analytical - San Carlos								
Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT								
Purgeable Hydrocarbons as Gasoline	9050081	5/18/99	5/18/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		5.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*102*	*%*	

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Blaine Tech Services	Project:	Chevron(8)	Sampled: 5/6/99
1680 Rogers Avenue	Project Number:	Chevron 206145/990506-C7	Received: 5/7/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 5/24/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9050081	**Date Prepared: 5/18/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9050081-BLK1**									
Purgeable Hydrocarbons as Gasoline	5/18/99			**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**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.9*	"	*70.0-130*	*109*			
LCS	**9050081-BS1**									
Purgeable Hydrocarbons as Gasoline	5/18/99	250		261	ug/l	70.0-130	104			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*19.1*	"	*70.0-130*	*191*			2
Matrix Spike	**9050081-MS1**		**L905084-05**							
Purgeable Hydrocarbons as Gasoline	5/18/99	250	ND	265	ug/l	60.0-140	**106**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*15.1*	"	*70.0-130*	*151*			2
Matrix Spike Dup	**9050081-MSD1**		**L905084-05**							
Purgeable Hydrocarbons as Gasoline	5/18/99	250	ND	250	ug/l	60.0-140	**100**	25.0	**5.83**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*14.6*	"	*70.0-130*	*146*			2
Batch: 9050083	**Date Prepared: 5/18/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9050083-BLK1**									
Purgeable Hydrocarbons as Gasoline	5/18/99			**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**	"	**5.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.4*	"	*70.0-130*	*104*			
LCS	**9050083-BS1**									
Purgeable Hydrocarbons as Gasoline	5/18/99	250		283	ug/l	70.0-130	113			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.2*	"	*70.0-130*	*112*			
Matrix Spike	**9050083-MS1**		**L905109-01**							
Purgeable Hydrocarbons as Gasoline	5/18/99	250	576	608	ug/l	60.0-140	**12.8**			3
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*11.9*	"	*70.0-130*	*119*			
Matrix Spike Dup	**9050083-MSD1**		**L905109-01**							
Purgeable Hydrocarbons as Gasoline	5/18/99	250	576	539	ug/l	60.0-140	**NR**	25.0	**-2760**	3

Sequoia Analytical - San Carlos

**Refer to end of report for text of notes and definitions.*

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Blaine Tech Services	Project:	Chevron(8)	Sampled: 5/6/99
1680 Rogers Avenue	Project Number:	Chevron 206145/990506-C7	Received: 5/7/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 5/24/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup (continued)	**9050083-MSD1**		**L905109-01**							
Surrogate: a,a,a-Trifluorotoluene	*5/18/99*	*10.0*		*9.76*	*ug/l*	*70.0-130*	*97.6*			

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Blaine Tech Services	Project:	Chevron(8)	Sampled: 5/6/99
1680 Rogers Avenue	Project Number:	Chevron 206145/990506-C7	Received: 5/7/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 5/24/99

MTBE by EPA Method 8260A/Quality Control
Sequoia Analytical - San Carlos

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9050061	**Date Prepared: 5/14/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9050061-BLK1**									
Methyl tert-butyl ether	5/14/99			**ND**	ug/l	**2.00**				
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*53.6*	"	*76.0-114*	*107*			
LCS	**9050061-BS1**									
Methyl tert-butyl ether	5/14/99	50.0		51.2	ug/l	70.0-130	102			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*52.5*	"	*76.0-114*	*105*			
Matrix Spike	**9050061-MS1**		**L905065-02**							
Methyl tert-butyl ether	5/14/99	50.0	ND	54.1	ug/l	60.0-140	**108**			
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*55.0*	"	*76.0-114*	*110*			
Matrix Spike Dup	**9050061-MSD1**		**L905065-02**							
Methyl tert-butyl ether	5/14/99	50.0	ND	53.7	ug/l	60.0-140	**107**	25.0	**0.930**	
Surrogate: 1,2-Dichloroethane-d4	"	*50.0*		*54.5*	"	*76.0-114*	*109*			

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Blaine Tech Services	Project:	Chevron(8)	Sampled:	5/6/99
1680 Rogers Avenue	Project Number:	Chevron 206145/990506-C7	Received:	5/7/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	5/24/99

Notes and Definitions

#	Note
1	Chromatogram Pattern: Gasoline C6-C12
2	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
3	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte already present in the sample.
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

L905081

Chevron Products Co.
P.O. BOX 6004
San Ramon, CA 94583
FAX (925)842-8370

Chevron Facility Number 206145
Facility Address 800 Center St., Oakland
Consultant Project Number 990500-C2
Consultant Name BLAINE TECH SERVICE, INC.
Address 1680 ROGERS AVE., SAN JOSE
Project Contact (Name) CHRISTINE LILLIE
(Phone) 408-573-0555 (Fax Number) 408-573-7771

Chevron Contact (Name) PHIL BRIGGS
(Phone) (925) 842-9136
Laboratory Name SEQUOIA
Laboratory Service Order 9144488
Laboratory Service Code ZZ02800
Samples Collected by (Name) Clint Boyd
Signature

State Method: ☐ CA ☐ OR ☐ WA ☐ NW Series ☐ CO ☐ UT

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	BTEX/MTBE+TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Ca,Cr,Pb,Zn,Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCID	TPH-D Extended	MTBE by 8260					Remarks / Lab Sample No.
MW1	3	W	HCl	5/6/99	X													X					
MW6 R2	1	1	1		X																		
MW3	1	1	1		X													X					
TB	2	W	HCl	—	X																		

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
	BTS	5/7/99 1320				
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
					5-7-99	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N
					5/7/99 1720	

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

Field
Data
Sheets

WELL GAUGING DATA

Project # 990506-C2 Date 5/6/99 Client Chevron

Site 800 center St Oakland, 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	2					7.97	13.50	TOC	
MW2	2					7.82	13.30		
MW3	2					7.45	14.25		
MW4	2					6.25	13.46		
MW5	2	Inaccessable	"CAK"				19.11		
MW6	2					8.82	19.70		
MW7	2					7.89	18.37		

CHEVRON WELL MONITORING DATA SHEET

Project #: 990506 - 02	Station #: 206 145
Sampler: CB	Date: 5/6/99
Well I.D.: MW ~~2~~ ~~3~~ 1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.50	Depth to Water: 7.47
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^2 * 0.163

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

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

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:32	63.0	7.8	200	1	
14:33	65.4	7.6	200	2	
14:34	65.6	7.6	200	3	

Did well dewater? Yes (No) Gallons actually evacuated: 3

Sampling Time: 14:45 Sampling Date: 5/6/99

Sample I.D.: MW1 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 #: 990506-C2	Station #: 20645
Sampler: CB	Date: 5/6/99
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 14.25	Depth to Water: 7.45
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^2 * 0.163

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

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

1.1 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 3.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
4:55	67.4	6.7	600	1	
4:57	66.8	7.0	800	2	
4:58	67.0	7.0	800	3.5	

Did well dewater? Yes (No) Gallons actually evacuated: 3.5

Sampling Time: 15:05 Sampling Date: 5/6/99

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:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 990506-C2	Station #: 206145
Sampler: CB	Date: 5/6/99
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.70	Depth to Water: 6.82
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^2 * 0.163

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

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

2 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 6 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:12	66.6	7.8	300	2	
14:14	66.8	7.9	300	4	
14:16	67.2	7.9	300	6	

Did well dewater? Yes (No) Gallons actually evacuated: 6

Sampling Time: 14:25 Sampling Date: 5/6/99

Sample I.D.: MW-6 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