



ENVIRONMENTAL
PROTECTION
Chevron
925 842-9136

January 14, 1999

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

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

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

**Re: Former Chevron Service Station #9-1153
3126 Fernside Boulevard, Alameda, California**

Dear Mr. Seto:

Enclosed is the Fourth Quarter Groundwater Monitoring Report for 1998 that was prepared by our consultant Blaine Tech Services, Inc. for the above noted site. Samples were analyzed for TPH-g, BTEX and MtBE constituents.

The sampling frequency for monitoring wells C-3, MW-4, MW-8 and MW-9 is annually (1st quarter) and semi-annually (1st & 3rd quarters) for wells MW-5 and MW-10; the remaining wells C-1, MW-6 and MW-7 are sampled quarterly.

The use of hydrogen peroxide injection into monitoring well C-1 and the addition of Oxygen Releasing Compound (ORC) into wells MW-6 and MW-7 to remediate the groundwater at this site appear to be working.

For the second straight sampling event, no separate phase hydrocarbons (SPH) was detected in monitoring well C-1. The benzene concentration in well C-1 declined to almost half the concentration from the previous sampling event. It appears that the hydrogen peroxide has oxidized with the hydrocarbons and therefore, is causing the reduction of the residual hydrocarbon source located around well C-1.

The benzene constituent increased in well MW-6 while decreasing in well MW-7 from the previous sampling event. It appears that adding ORC into wells MW-6 and MW-7 may be aiding in the reduction of hydrocarbons in the areas around these wells and thereby increasing the rate of biodegradation. Additional sampling will be required to confirm this.

Depth to the ground water varied from 4.16 feet to 7.51 feet below grade with a direction of flow southeasterly.

January 14, 1999
Mr. Larry Seto
Former Chevron Service Station #9-1153
Page 2

Chevron will continue to monitor the wells in the sampling frequency as noted above. If you have questions or comments, call me at (925) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY



Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

Cc. Ms. Bette Owen, Chevron

Mr. & Mrs. Thompson
3135 Gibbons Drive
Alameda, CA 94501

BLAINE
TECH SERVICES INC.



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

January 6, 1998

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

4th Quarter 1998 Monitoring at 9-1153

Fourth Quarter 1998 Groundwater Monitoring at
Former Chevron Service Station Number 9-1153
3126 Fernside Blvd.
Alameda, CA

Monitoring Performed on October 27 and November 25,
1998

Groundwater Sampling Report 981027-Y-1

This report covers the routine monitoring of groundwater wells at this Chevron facility. Blaine Tech Services, Inc.'s work at the site includes inspection, gauging, evacuation, purgewater containment, sample collection and sample handling in accordance with standard procedures that conform to Regional Water Quality Control Board requirements.

Routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated volume of a three-case volume purge, elapsed evacuation time, total volume of water removed, and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater is, likewise, collected and transported to McKittrick Waste Treatment Site for disposal.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table

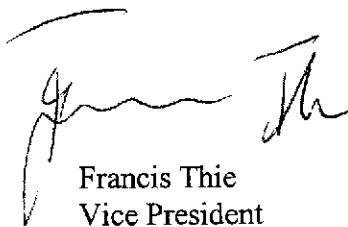
also contains new groundwater elevation calculations taken from the computer plotted gradient map which is located in the **Professional Engineering Appendix**.

At a minimum, Blaine Tech Services, Inc. field personnel are certified upon completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. In order to avoid compromising the objectivity necessary for the proper and disinterested performance of this work, Blaine Tech Services, Inc. concentrates on objective data collection and does not participate in the interpretation of analytical results, the definition of geological or hydrological conditions, the formulation of recommendations, or the marketing of remedial systems.

Please call if you have any questions.

Yours truly,

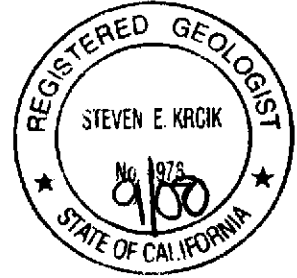
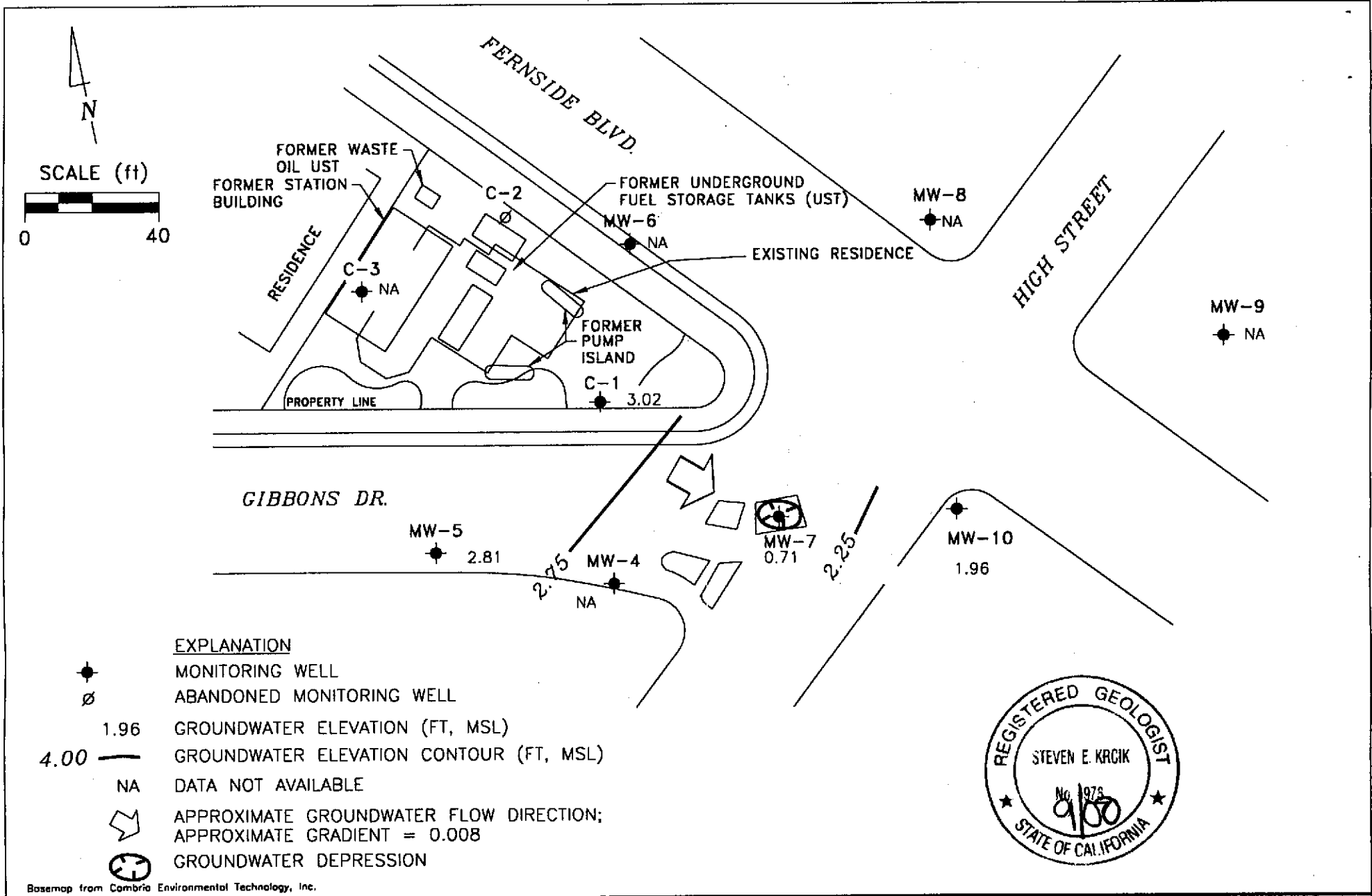


Francis Thie
Vice President

FPT/mt

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

Professional Engineering Appendix



PREPARED BY

RRM
engineering contracting firm

Former Chevron Station 9-1153
3126 Fernside Boulevard
Alameda, California

GROUNDWATER ELEVATION CONTOUR MAP,
OCTOBER 27, 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.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Other
C-1														
08/18/86	--	--	4.10	--	--	--	--	--	--	--	--	--	--	--
09/04/86	--	--	--	--	--	--	--	15,000	760	820	1500	--	--	--
07/22/87	--	--	--	--	--	--	--	1100	250	7.0	40	--	--	--
05/03/89	--	--	4.46	--	--	--	--	6900	3800	190	229	--	--	--
12/04/89	--	--	4.16	--	--	--	--	17,000	8000	490	470	--	--	--
02/14/90	--	--	3.64	--	--	--	--	19,000	12,000	990	1050	--	--	--
03/07/90	--	--	3.36	--	--	--	--	--	4260	261	430	--	--	--
09/06/91	--	--	4.43	--	--	--	--	21,000	10,000	100	240	560	--	--
12/15/91	--	--	4.78	--	--	--	--	20,000	4900	43	110	330	--	--
03/03/92	--	--	2.39	--	--	--	--	13,000	5800	730	340	1200	--	--
06/04/92	4.08	0.00	4.08	--	--	--	--	34,000	9400	350	290	1200	--	--
10/13/92	4.08	-0.67	4.75	--	--	--	--	24,000	11,000	98	280	530	--	--
01/11/93	4.08	1.82	2.26	Sheen	--	--	--	7100	1500	130	150	700	--	--
04/14/93	4.08	1.18	2.90	Sheen	--	--	--	29,000	7300	4000	640	2300	--	--
07/13/93	4.08	0.11	3.97	Sheen	--	--	--	650,000	27,000	18,000	6300	29,000	--	--
10/19/93	4.08	-0.42	4.50	--	--	--	--	40,000	12,000	730	1100	3600	--	--
11/30/93	7.50	3.23	4.27	--	--	--	--	--	--	--	--	--	--	--
01/27/94	7.50	4.15	3.35	--	--	--	--	36,000	8600	220	670	1900	--	--
04/07/94	7.50	4.08	3.42	--	--	--	--	53,000	12,000	3500	480	3300	--	--
07/01/94	7.50	3.54	3.96	--	--	--	--	65,000	19,000	5900	1000	9000	--	--
10/05/94	7.50	3.11	4.39	--	--	--	--	160,000	23,000	12,000	2200	11,000	--	--
01/12/95	7.50	6.38	1.52	0.50	0.264	0.264	--	--	--	--	--	--	--	--
04/26/95	7.50	4.86	4.40	2.20	1.321	1.585	--	--	--	--	--	--	--	--
07/12/95	7.50	4.10	4.85	1.81	0.661	2.246	--	--	--	--	--	--	--	--
10/30/95	7.50	3.13	5.67	1.63	0.528	2.774	--	--	--	--	--	--	--	--
01/04/96	7.50	3.68	3.92	0.12	0.264	3.038	--	--	--	--	--	--	--	--
01/10/96	7.50	4.12	3.48	0.13	0.066	3.104	--	--	--	--	--	--	--	--
01/17/96	7.50	4.12	3.40	0.02	0.396	3.500	--	--	--	--	--	--	--	--
01/22/96	7.50	4.60	2.90	0.00	0.000	3.500	--	82,000	18,000	4400	1400	5200	<1000	--
02/23/96	7.50	4.89	4.10	1.86	0.661	4.161	--	--	--	--	--	--	--	--
02/28/96	7.50	--	--	>0.83	1.250	5.411	--	--	--	--	--	--	--	--
03/08/96	7.50	6.10	2.86	1.83	0.264	5.675	--	--	--	--	--	--	--	--
03/08/96	7.50	5.49	2.30	0.36	0.528	6.203	--	--	--	--	--	--	--	--

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Other
C-1 (CONT'D)														
03/08/96	7.50	5.46	2.33	0.36	0.264	6.467	--	--	--	--	--	--	--	--
03/08/96	7.50	5.40	2.28	0.22	0.528	6.995	--	--	--	--	--	--	--	--
03/26/96	7.50	4.56	3.96	1.28	0.396	7.391	--	--	--	--	--	--	--	--
04/11/96	7.50	3.29	5.61	1.75	0.528	7.919	--	--	--	--	--	--	--	--
04/19/96	7.50	4.44	3.09	0.04	0.396	8.315	--	--	--	--	--	--	--	--
04/24/96	7.50	4.48	3.04	0.03	0.396	8.711	--	--	--	--	--	--	--	--
05/03/96	7.50	3.85	4.02	0.46	0.396	9.107	--	--	--	--	--	--	--	--
05/03/96	7.50	3.99	3.89	0.47	0.000	9.107	--	--	--	--	--	--	--	--
05/08/96	7.50	3.53	4.25	0.35	0.066	9.173	--	--	--	--	--	--	--	--
05/17/96	7.50	4.29	3.24	0.04	0.029	9.202	--	--	--	--	--	--	--	--
05/17/96	7.50	4.16	3.35	0.01	0.029	9.231	--	--	--	--	--	--	--	--
05/17/96	7.50	4.08	3.43	0.01	0.029	9.260	--	--	--	--	--	--	--	--
05/17/96	7.50	3.86	3.65	0.01	0.000	9.260	--	--	--	--	--	--	--	--
05/22/96	7.50	4.46	3.10	0.07	0.079	9.339	--	--	--	--	--	--	--	--
06/18/96	7.50	3.20	4.68	0.48	0.264	9.603	--	--	--	--	--	--	--	--
07/03/96	7.50	2.57	5.03	0.13	0.145	9.748	--	--	--	--	--	--	--	--
07/09/96	7.50	3.05	4.63	0.23	0.092	9.840	--	--	--	--	--	--	--	--
07/17/96	7.50	2.89	4.73	0.15	0.317	10.157	--	--	--	--	--	--	--	--
07/29/96	7.50	2.47	5.10	0.09	0.264	10.421	--	--	--	--	--	--	--	--
08/02/96	7.50	1.84	5.68	0.03	0.033	10.454	--	--	--	--	--	--	--	--
08/07/96	7.50	2.35	5.16	0.01	0.132	10.586	--	--	--	--	--	--	--	--
08/23/96	7.50	1.77	5.75	0.03	0.026	10.612	--	--	--	--	--	--	--	--
08/28/96	7.50	1.99	5.53	0.03	0.013	10.625	--	--	--	--	--	--	--	--
09/06/96	7.50	2.12	5.38	--	0.046	10.671	--	--	--	--	--	--	--	--
09/12/96	7.50	2.04	5.48	0.03	0.013	10.684	--	--	--	--	--	--	--	--
09/19/96	7.50	1.20	6.32	0.03	0.011	10.695	--	--	--	--	--	--	--	--
10/10/96	7.50	3.00	4.58	0.10	0.132	10.827	--	--	--	--	--	--	--	--
10/17/96	7.50	1.90	5.61	0.01	0.011	10.838	--	--	--	--	--	--	--	--
10/29/96	7.50	1.49	6.01	--	--	10.838	--	--	--	--	--	--	--	--
11/07/96	7.50	1.94	5.56	0.04	0.132	10.970	--	--	--	--	--	--	--	--
11/11/96	7.50	2.18	5.32	0.04	0.132	11.102	--	--	--	--	--	--	--	--
12/11/96	7.50	4.17	3.33	0.03	0.053	11.155	--	--	--	--	--	--	--	--

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	Other
C-1 (CONT'D)														
12/17/96	7.50	3.77	3.73	0.01	0.010	11.165	--	--	--	--	--	--	--	--
01/15/97	7.50	4.76	2.74	--	--	11.165	--	47,000	16,000	2800	1300	4900	<1000	--
01/22/97	7.50	6.13	1.37	0.19	0.066	11.231	--	--	--	--	--	--	--	--
02/04/97	7.50	4.52	2.98	0.51	0.145	11.376	--	--	--	--	--	--	--	--
02/20/97	7.50	3.41	4.09	0.13	0.106	11.482	--	--	--	--	--	--	--	--
03/06/97	7.50	3.75	3.75	0.56	1.189	12.671	--	--	--	--	--	--	--	--
03/14/97	7.50	3.68	3.82	0.03	0.119	12.790	--	--	--	--	--	--	--	--
03/20/97	7.50	3.77	3.73	0.03	0.013	12.803	--	--	--	--	--	--	--	--
03/25/97	7.50	3.18	4.32	0.01	--	12.803	--	--	--	--	--	--	--	--
03/31/97	7.50	3.79	3.71	0.03	0.003	12.806	--	--	--	--	--	--	--	--
04/03/97	7.50	2.92	4.60	0.03	0.004	12.810	--	--	--	--	--	--	--	--
04/09/97	7.50	3.27	4.25	0.02	0.026	12.836	--	--	--	--	--	--	--	--
04/24/97	7.50	2.87	4.65	0.02	0.005	12.841	--	--	--	--	--	--	--	--
04/30/97	7.50	4.02	3.50	0.02	0.005	12.846	--	--	--	--	--	--	--	--
05/22/97	7.50	2.53	4.97	--	0.011	12.857	--	--	--	--	--	--	--	--
06/03/97	7.50	3.93	3.62	0.06	0.007	12.864	--	--	--	--	--	--	--	--
07/09/97	7.50	3.25	4.30	0.06	0.132	12.996	--	--	--	--	--	--	--	--
08/12/97	7.50	2.32	5.18	0.00	0.050	13.046	--	--	--	--	--	--	--	--
09/30/97	7.50	2.65	5.25	0.50	0.070	13.116	--	--	--	--	--	--	--	--
10/29/97	7.50	2.19	5.33	0.03	0.020	13.136	--	--	--	--	--	--	--	--
11/13/97	7.50	2.66	4.86	0.02	0.026	13.162	--	--	--	--	--	--	--	--
12/18/97	7.50	5.16	2.34	--	--	13.162	--	--	--	--	--	--	--	--
01/14/98	7.50	7.27	0.25	0.02	0.132	13.294	--	--	--	--	--	--	--	--
02/02/98	7.50	5.19	2.35	0.05	0.026	13.320	--	--	--	--	--	--	--	--
03/16/98	7.50	5.40	2.50	0.50	0.132	13.452	--	--	--	--	--	--	--	--
04/17/98	7.50	5.17	2.65	0.40	0.106	13.558	--	--	--	--	--	--	--	--
05/01/98	7.50	5.14	2.39	0.04	0.264	13.822	--	--	--	--	--	--	--	--
06/17/98	7.50	4.30	3.26	0.08	0.033	13.855	--	--	--	--	--	--	--	--
07/15/98	7.50	3.95	3.55	--	--	13.855	--	110,000	22,000	22,000	1000	10,000	<250	--
09/01/98	7.50	3.50	4.00	--	--	13.855	--	--	--	--	--	--	--	--
10/27/98	7.50	3.02	4.48	--	--	--	--	45,000	12,000	5400	590	4300	<500	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)							
DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	Other
C-2														
08/18/86	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/86	--	--	--	--	--	--	--	1100	49	18	84	--	--	--
07/22/87	--	--	--	--	--	--	--	<50	1.8	<1.0	<4.0	--	--	--
05/03/89	--	--	--	--	--	--	Abandoned	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Total			Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	Other
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	SPH Removed								
C-3														
08/18/86	--	--	4.00	--	--	--	--	--	--	--	--	--	--	--
09/04/86	--	--	--	--	--	--	--	50	3.2	5.4	5.8	--	--	--
07/22/87	--	--	--	--	--	--	--	<50	<0.5	<1.0	<4.0	--	--	--
05/03/89	--	--	4.15	--	--	--	--	<50	<0.5	<1.0	<2.0	--	--	--
12/04/89	--	--	4.24	--	--	--	--	<250	<0.5	<0.5	<0.5	--	--	--
02/14/90	--	--	3.57	--	--	--	--	<50	<0.5	<0.5	<0.5	--	--	--
03/07/90	--	--	3.31	--	--	--	--	--	<5.0	<5.0	<5.0	--	--	--
09/06/91	--	--	4.59	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/91	--	--	4.84	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/03/92	--	--	2.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/04/92	4.41	0.40	4.01	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/13/92	4.41	-0.38	4.79	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/11/93	4.41	2.40	2.01	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/14/93	4.41	1.65	2.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/13/93	4.41	0.45	3.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/19/93	4.41	-0.12	4.53	--	--	--	--	66	12	1.4	1.0	8.4	--	--
11/30/93	7.83	3.79	4.04	--	--	--	--	--	--	--	--	--	--	--
01/27/94	7.83	4.66	3.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/94	7.83	4.63	3.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/01/94	7.83	3.84	3.99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/94	7.83	3.29	4.54	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/12/95	7.83	7.03	0.80	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/02/95	7.83	5.68	2.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/12/95	7.83	4.41	3.42	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/30/95	7.83	3.37	4.46	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/96	7.83	6.10	1.73	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/96	7.83	5.21	2.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/29/96	7.83	3.89	3.94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	7.83	3.77	4.06	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/15/97	7.83	6.29	1.54	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/03/97	7.83	4.60	3.23	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	7.83	3.47	4.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	7.83	3.18	4.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/14/98	7.83	7.06	0.77	--	--	--	Gauged and sampled annually	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/15/98	7.83	4.11	3.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Other
MW-4														
06/04/92	3.58	-0.05	3.63	--	--	--	--	<50	0.8	<0.5	<0.5	<0.5	--	--
10/13/92	3.58	--	--	--	--	--	--	--	--	--	--	--	--	--
01/11/93	3.58	1.69	1.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/14/93	3.58	1.38	2.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/13/93	3.58	0.07	3.51	--	--	--	--	54	2.6	1.6	<0.5	<1.5	--	--
10/19/93	3.58	-0.64	4.22	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/30/93	7.01	3.00	4.01	--	--	--	--	--	--	--	--	--	--	--
01/27/94	7.01	4.12	2.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/94	7.01	3.95	3.06	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/01/94	7.01	3.42	3.59	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/94	7.01	2.68	4.33	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/12/95	7.01	5.81	1.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/26/95	7.01	5.86	1.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/12/95	7.01	4.29	2.72	--	--	--	--	<50	6.4	<0.5	0.63	0.72	--	--
10/30/95	7.01	2.93	4.08	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/96	7.01	5.25	1.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/96	7.01	5.06	1.95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/29/96	7.01	3.64	3.37	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	7.01	3.05	3.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/15/97	7.01	5.74	1.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/03/97	7.01	4.90	2.11	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	7.01	2.97	4.04	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	7.01	2.45	4.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/14/98	7.01	6.62	0.39	--	--	--	Gauged and sampled annually	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)						
				SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Other
MW-5														
06/04/92	3.61	0.36	3.25	--	--	--	--	560	110	0.5	37	2.2	--	--
10/13/92	3.61	-0.59	4.20	--	--	--	--	1200	150	<2.5	84	8.6	--	--
01/11/93	3.61	2.31	1.30	--	--	--	--	1300	48	1.0	83	33	--	--
04/14/93	3.61	2.41	1.20	--	--	--	--	2600	240	6.1	250	170	--	--
07/13/93	3.61	0.46	3.15	--	--	--	--	1700	260	7.8	160	100	--	--
10/19/93	3.61	-0.21	3.82	--	--	--	--	1900	190	3.3	200	93	--	--
11/30/93	7.04	3.48	3.56	--	--	--	--	--	--	--	--	--	--	--
01/27/94	7.04	4.62	2.42	--	--	--	--	4000	100	12	210	110	--	--
04/07/94	7.04	4.71	2.33	--	--	--	--	2600	170	10	150	88	--	--
07/01/94	7.04	3.86	3.18	--	--	--	--	2300	350	9.1	110	76	--	--
10/05/94	7.04	3.06	3.98	--	--	--	--	11,000	840	150	130	340	--	--
01/12/95	7.04	6.64	0.40	--	--	--	--	2300	82	<2.5	54	20	--	--
04/26/95	7.04	6.54	0.50	--	--	--	--	1600	52	<5.0	36	61	--	--
07/12/95	7.04	4.63	2.41	--	--	--	--	2800	150	<5.0	34	38	--	--
10/30/95	7.04	3.26	3.78	--	--	--	--	1100	81	<5.0	<5.0	<5.0	35	--
01/22/96	7.04	6.26	0.78	--	--	--	--	880	7.3	<2.0	15	4.8	<10	--
04/24/96	7.04	5.39	1.65	--	--	--	--	1600	51	3.8	14	5.6	56	--
07/29/96	7.04	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
10/10/96	7.04	3.44	3.60	--	--	--	--	1000	18	<1.2	1.5	<1.2	<6.2	--
01/15/97	7.04	6.59	0.45	--	--	--	--	520	0.84	<0.5	3.1	1.2	8.4	--
04/03/97	7.04	4.93	2.11	--	--	--	--	1400	13	<2.0	4.3	8.4	32	--
07/09/97	7.04	3.33	3.71	--	--	--	--	810	3.6	0.97	<0.5	<0.5	9.7	--
10/29/97	7.04	2.84	4.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/14/98	7.04	7.04	0.00	--	--	--	--	430	5.8	2.4	<0.5	1.6	17	--
04/17/98	7.04	6.33	0.71	--	--	--	Sampled biannually	--	--	--	--	--	--	--
07/15/98	7.04	7.04	0.00	--	--	--	--	990	11	3.9	0.56	2.2	61	--
10/27/98	7.04	2.81	4.23	--	--	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Total			Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	Other
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	SPH Removed								
MW-6														
06/04/92	3.85	-0.04	3.89	--	--	--	--	210	54	<0.5	1.9	2.4	--	--
10/13/92	3.85	-0.71	4.56	--	--	--	--	10,000	5300	<10	70	<10	--	--
01/11/93	3.85	1.49	2.36	--	--	--	--	100	50	<0.5	<0.5	<0.5	--	--
04/14/93	3.85	0.70	3.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/13/93	3.85	-0.09	3.94	--	--	--	--	<50	1.8	<0.5	<0.5	<1.5	--	--
10/19/93	3.85	-0.55	4.40	--	--	--	--	320	150	<0.5	0.8	<0.5	--	--
11/30/93	7.27	3.11	4.16	--	--	--	--	--	--	--	--	--	--	--
01/27/94	7.27	3.94	3.33	--	--	--	--	120	45	<0.5	<0.5	<0.5	--	--
04/07/94	7.27	3.84	3.43	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/01/94	7.27	3.33	3.94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/94	7.27	2.89	4.38	--	--	--	--	8300	2400	160	42	190	--	--
01/12/95	7.27	4.84	2.43	--	--	--	--	<50	12	<0.5	<0.5	<0.5	--	ND*
04/26/95	7.27	5.21	2.06	--	--	--	--	<50	5.5	0.67	<0.5	1.3	--	--
07/12/95	7.27	3.74	3.53	--	--	--	--	65	27	<0.5	<0.5	<0.5	--	--
10/30/95	7.27	2.93	4.34	--	--	--	--	<50	3.9	<0.5	<0.5	<0.5	<2.5	--
01/22/96	7.27	4.66	2.61	--	--	--	--	<50	0.93	<0.5	<0.5	<0.5	<2.5	--
04/24/96	7.27	4.77	2.50	--	--	--	--	260	110	<1.2	<1.2	<1.2	<6.2	--
07/29/96	7.27	3.42	3.85	--	--	--	--	<50	23	<0.5	<0.5	<0.5	<2.5	--
10/10/96	7.27	2.90	4.37	--	--	--	--	79	31	<0.5	<0.5	<0.5	<2.5	--
01/15/97	7.27	4.64	2.63	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/03/97	7.27	3.85	3.42	--	--	--	--	670	360	<5.0	<5.0	<5.0	<25	--
07/09/97	7.27	2.98	4.29	--	--	--	--	330	140	<2.0	<2.0	<2.0	<10	--
10/29/97	7.27	2.71	4.56	--	--	--	--	400	260	<2.0	<2.0	<2.0	5.8	--
01/14/98	7.27	6.26	1.01	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/17/98	7.27	4.33	2.94	--	--	--	--	<50	1.7	<0.5	<0.5	<0.5	<2.5	--
07/15/98	7.27	2.55	4.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	--	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
11/25/98	7.27	3.11	4.16	--	--	--	--	110**	54	<0.5	<0.5	<0.5	<2.5	--

* EPA 8010

** Chromatogram report indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Total			Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE	Other
	Head Elev.	Water Elev.	To Water	SPH	SPH Removed	SPH Removed								
MW-7														
11/30/93	8.22	2.89	5.33	--	--	--	--	480	110	41	4.4	38	--	--
01/27/94	8.22	3.72	4.50	--	--	--	--	120	21	1.1	2.2	4.8	--	--
04/07/94	8.22	3.60	4.62	--	--	--	--	2600	630	39	56	94	--	--
07/01/94	8.22	3.09	5.13	--	--	--	--	2200	770	42	<10	92	--	--
10/05/94	8.22	2.61	5.61	--	--	--	--	15,000	3300	90	130	320	--	--
01/12/95	8.22	5.39	2.83	--	--	--	--	340	57	<1.3	18	6.4	--	--
04/26/95	8.22	5.87	2.35	--	--	--	--	15,000	3700	210	520	800	--	--
07/12/95	8.22	3.56	4.66	--	--	--	--	7700	1800	59	130	370	--	--
10/30/95	8.22	2.74	5.48	--	--	--	--	770	260	<5.0	33	48	25	--
01/22/96	8.22	4.88	3.34	--	--	--	--	290	63	<1.0	6.4	5.7	<5.0	--
04/24/96	8.22	4.10	4.12	--	--	--	--	12,000	2500	510	380	810	<125	--
07/29/96	8.22	3.19	5.03	--	--	--	--	2600	650	<25	61	150	<125	--
10/10/96	8.22	2.70	5.52	--	--	--	--	5800	1700	28	170	210	<62	--
01/15/97	8.22	5.30	2.92	--	--	--	--	1000	230	<2.5	28	11	63	--
04/03/97	8.22	3.57	4.65	--	--	--	--	6000	1800	100	140	170	<100	--
07/09/97	8.22	2.83	5.39	--	--	--	--	5500	2200	<20	41	30	<100	--
10/29/97	8.22	2.64	5.58	--	--	--	--	220	40	0.61	3.0	2.4	7.6	--
01/14/98	8.22	5.42	2.80	--	--	--	--	140	5.1	<0.5	<0.5	1.4	<2.5	--
04/17/98	8.22	5.22	3.00	--	--	--	--	13,000	4200	98	250	240	250	--
07/15/98	8.22	--	--	--	--	--	Inaccessible	--	--	--	--	--	--	--
08/17/98	7.92*	2.40	5.52	--	--	--	--	1600	380	51	68	280	22	--
10/27/98	7.92	0.41	7.51	--	--	--	--	190	2.3	0.53	<0.5	<0.5	33	--
MW-8														
10/17/95	6.96	2.56	4.40	--	--	--	--	--	--	--	--	--	--	--
10/30/95	6.96	2.52	4.44	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/96	6.96	4.72	2.24	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/96	6.96	3.99	2.97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/29/96	6.96	3.59	3.37	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	6.96	2.84	4.12	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/15/97	6.96	6.02	0.94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/03/97	6.96	4.76	2.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	6.96	2.66	4.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	6.96	2.39	4.57	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/14/98	6.96	6.13	0.83	--	--	--	Gauged and sampled annually	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

* Well head elevation altered due to well head maintenance.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Other
MW-9														
10/17/95	7.21	2.41	4.80	--	--	--	--	--	--	--	--	--	--	--
10/30/95	7.21	2.24	4.97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/96	7.21	3.81	3.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/96	7.21	3.03	4.18	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/29/96	7.21	2.52	4.69	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	7.21	2.01	5.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/15/97	7.21	3.90	3.31	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/03/97	7.21	2.64	4.57	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	7.21	2.17	5.04	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	7.21	2.25	4.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/14/98	7.21	4.81	2.40	--	--	--	Gauged and sampled annually	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
MW-10														
10/17/95	7.28	2.23	5.05	--	--	--	--	--	--	--	--	--	--	--
10/30/95	7.28	2.17	5.11	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	5.1	--
01/22/96	7.28	3.25	4.03	--	--	--	--	<50	<0.5	<0.5	<0.5	0.70	17	--
04/24/96	7.28	2.98	4.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	12	--
07/29/96	7.28	2.58	4.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	14	--
10/10/96	7.28	2.04	5.24	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/15/97	7.28	3.93	3.35	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/03/97	7.28	2.64	4.64	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	8.2	--
07/09/97	7.28	2.16	5.12	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/29/97	7.28	2.18	5.10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	5.3	--
01/14/98	7.28	4.20	3.08	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	8.6	--
04/17/98	7.28	3.49	3.79	--	--	--	Sampled biannually	--	--	--	--	--	--	--
07/15/98	7.28	2.73	4.55	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	7.5	--
10/27/98	7.28	1.96	5.32	--	--	--	--	--	--	--	--	--	--	--
TMW-1														
11/11/93	--	--	--	--	--	--	--	<1.0	<0.5	<0.5	<0.5	<0.5	--	--
NO LONGER MONITORED OR SAMPLED														
3115A GIBBONS DR.														
01/14/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Other
TRIP BLANK														
02/14/90	--	--	--	--	--	--	--	<50	<0.5	1.1	<0.5	<0.5	--	--
09/06/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/03/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/04/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/13/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/11/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/14/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/13/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/19/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
01/27/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/01/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/12/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/26/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/12/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/30/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/22/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/29/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/10/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/15/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/03/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	--	--	--	--	--	--	--	<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	--
01/14/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/17/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/15/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	--	--	--	--	--	--	--	<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
 SPH = Separate-Phase Hydrocarbons
 MTBE = Methyl t-butyl ether

Analytical Appendix



Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-1153/981027-Y1 Sample Descript: C1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9810K15-01	Sampled: 10/27/98 Received: 10/28/98 Analyzed: 11/04/98 Reported: 11/10/98
Attention: Fran Thie		

QC Batch Number: GC110498BTEX02A
 Instrument ID: GCHP02


Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	10000	45000
Methyl t-Butyl Ether	500	N.D.
Benzene	100	12000
Toluene	100	5400
Ethyl Benzene	100	590
Xylenes (Total)	100	4300
Chromatogram Pattern:		GAS

Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	113

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 Attention: Fran Thie	Client Proj. ID: Chevron 9-1153/981027-Y1 Sample Descript: MW7 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9810K15-02	Sampled: 10/27/98 Received: 10/28/98 Analyzed: 11/04/98 Reported: 11/10/98
--	--	---


QC Batch Number: GC110498BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	190
Methyl t-Butyl Ether	2.5	33
Benzene	0.50	2.3
Toluene	0.50	0.53
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		GAS
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	112

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

SEQUOIA ANALYTICAL - ELAP #1210



Mike Gregory
Project Manager





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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-1153/981027-Y1 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9810K15-03	Sampled: 10/27/98 Received: 10/28/98 Analyzed: 11/04/98 Reported: 11/10/98
Attention: Fran Thie		

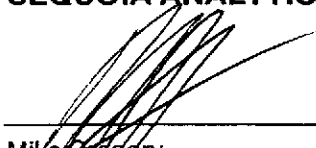
QC Batch Number: GC110498BTEX02A
Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	110

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

SEQUOIA ANALYTICAL - ELAP #1210



Mike Gregory
Project Manager





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Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Proj. ID: Chevron 9-1153/981027-Y1
Lab Proj. ID: 9810K15

Received: 10/28/98

Reported: 11/10/98

LABORATORY NARRATIVE

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

TPH-GAS/BTEX:

Sample 9810K15-01 was diluted 200-fold.

SEQUOIA ANALYTICAL



Mike Gregory
Project Manager





Sequoia Analytical

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Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-1153/981027-Y1

QC Sample Group: 9810K15-01-03

Reported: Nov 10, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid
Method:	EPA 8015
Analyst:	TP/GR
ANALYTE	Gasoline

QC Batch #: GC110498BTEX02A

Sample No.: GW9810H30-10

Date Prepared: 11/4/98

Date Analyzed: 11/4/98

Instrument I.D.#: GCHP02

Sample Conc., ug/L: 160

Conc. Spiked, ug/L: 250

Matrix Spike, ug/L: 450

% Recovery: 116

Matrix

Spike Duplicate, ug/L: 430

% Recovery: 108

Relative % Difference: 7.1

RPD Control Limits: 0-25

LCS Batch#: GC110498BTEX02A

Date Prepared: 11/4/98

Date Analyzed: 11/4/98

Instrument I.D.#: GCHP02

Conc. Spiked, ug/L: 250

LCS Recovery, ug/L: 250

LCS % Recovery: 100

Percent Recovery Control Limits:

MS/MSD 60-140

LCS 70-130

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.





Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-1153/981125-L1 Sample Descript: MW-6 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9811113-01	Sampled: 11/25/98 Received: 11/30/98 Analyzed: 12/07/98 Reported: 12/10/98
Attention: Christine Lillie		

QC Batch Number: GC120798BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	110
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	54
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern: Unidentified HC		C6-C12
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





Sequoia Analytical

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

Client Project ID: Chevron 9-1153/981125-L1

QC Sample Group: 981113-01

Reported: Dec 10, 1998

QUALITY CONTROL DATA REPORT

Matrix:	Liquid			
Method:	EPA 8020			
Analyst:	MM			
ANALYTE	Benzene	Toluene	Ethylbenzene	Xylenes

QC Batch #: GC120798BTEX03A

Sample No.: GW9812056-4

Date Prepared:	12/7/98	12/7/98	12/7/98	12/7/98
Date Analyzed:	12/7/98	12/7/98	12/7/98	12/7/98
Instrument I.D.#:	GCHP03	GCHP03	GCHP03	GCHP03
Sample Conc., ug/L:	N.D.	N.D.	N.D.	N.D.
Conc. Spiked, ug/L:	10	10	10	30
Matrix Spike, ug/L:	8.0	8.2	8.5	26
% Recovery:	80	82	85	87
Matrix Spike Duplicate, ug/L:	7.3	7.5	7.7	24
% Recovery:	73	75	77	80
Relative % Difference:	9.2	8.9	9.9	8.4
RPD Control Limits:	0-25	0-25	0-25	0-25

LCS Batch#: GC120798BTEX03A

Date Prepared:	12/7/98	12/7/98	12/7/98	12/7/98
Date Analyzed:	12/7/98	12/7/98	12/7/98	12/7/98
Instrument I.D.#:	GCHP03	GCHP03	GCHP03	GCHP03
Conc. Spiked, ug/L:	10	10	10	30
LCS Recovery, ug/L:	8.7	9.1	9.3	28
LCS % Recovery:	87	91	93	93

Percent Recovery Control Limits:

MS/MSD	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130

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

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

Mike Gregory
Project Manager





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Blaine Tech Services

1680 Rogers Avenue

San Jose, CA 95112

Attention: Christine Lillie

Client Proj. ID: Chevron 9-1153/981125-L1

Lab Proj. ID: 9811113

Received: 11/30/98

Reported: 12/10/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 4 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Page: 1



**Field
Data
Sheets**

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>981125-L1</u>	Station #: <u>9-1153</u>
Sampler: <u>LAD</u>	Date: <u>11-25-98</u>
Well I.D.: <u>MW-6</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>13.88</u>	Depth to Water: <u>4.16</u>
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 <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other: _____
---	--

<u>1.6</u>	x	<u>3</u>	=	<u>4.8</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1118</u>	<u>65.2</u>	<u>7.2</u>	<u>1400</u>	<u>2.</u>	
<u>1122</u>	<u>64.6</u>	<u>7.2</u>	<u>1500.</u>	<u>4.</u>	
<u>1126</u>	<u>64.4</u>	<u>7.2</u>	<u>1500</u>	<u>5.</u>	

Did well dewater? Yes <u>No</u>	Gallons actually evacuated: <u>5</u>
Sampling Time: <u>1130</u>	Sampling Date: <u>11-25-98</u>
Sample I.D.: <u>MW-6</u>	Laboratory: <u>Sequoia</u> CORE N. Creek Assoc. Labs
Analyzed for: <u>TPH-G</u> <u>BTEX</u> <u>MTBE</u> 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 #: 981027 Y1	Station #: 9-1153
Sampler: B. TAYLOR	Date: 10/27/98
Well I.D.: C1	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth: 17.15	Depth to Water: 4.48
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 ² * 0.163

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

Sampling Method: Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

<u>5</u>	X	<u>3</u>	=	<u>15</u> Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1049	66.7	6.6	1230	5	ODOR
1050	68.0	6.7	1150	10	✓
1051	68.2	6.7	1140	15	

Did well dewater? Yes No Gallons actually evacuated: 15

Sampling Time: 1055 Sampling Date: 10/27/98

Sample I.D.: C1 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 #: 981027 41	Station #: 9-1153
Sampler: B. TAYLOR	Date: 10/27/98
Well I.D.: MW7	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth: 14.08	Depth to Water: 7.51
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 ² * 0.163

Purge Method: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump

Other: _____

Sampling Method: Bailer Disposable Bailer Extraction Port

Other: _____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1027	73.2	7.7	1340	1	
1029	72.7	7.4	1260	2	
1031	72.9	7.5	1250	3	

Did well dewater? Yes No Gallons actually evacuated: 3

Sampling Time: 10 35 Sampling Date: 10/27/98

Sample I.D.: MW7 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: 2.8 mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV