

CITY AND COUNTY OF ALAMEDA
PROTECTION



Chevron

22 MAR 17 PM 3:04

March 15, 1999

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

Mr. Larry Seto
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 #9-1153
3126 Fernside Boulevard, Alameda, California**

Dear Mr. Seto:

Enclosed is the First Quarter Groundwater Monitoring Report for 1999 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.

The benzene concentration in well C-1 declined over one-third from the previous sampling event. However, separate phase hydrocarbons (SPH) was detected in December at 0.02 feet, in which 0.04 gallons of SPH was removed. But with the overall benzene reduction since hydrogen peroxide was added in July 1998, it appears that this oxidizer is causing the reduction of the residual hydrocarbon source located around well C-1.

The benzene constituent decreased in wells MW-5, MW-6 and MW-7 from the previous sampling event. In monitoring wells C-3, MW-4, MW-7, MW-8, MW-9 and MW-10 the concentrations were below method detection limits for all of the constituents. It appears that adding ORC into wells MW-6 and MW-7 is aiding in the reduction of hydrocarbons in the areas around these wells and thereby increasing the rate of biodegradation.

March 15, 1999
Mr. Larry Seto
Former Chevron Service Station #9-1153
Page 2

Depth to the ground water varied from 2.58 feet to 4.31 feet below grade with a direction of flow southeasterly.

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, CALIFORNIA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE

March 8, 1999

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

1st Quarter 1999 Monitoring at 9-1153

First Quarter 1999 Groundwater Monitoring at
Former Chevron Service Station Number 9-1153
3126 Fernside Blvd.
Alameda, CA

Monitoring Performed on January 20, 1999

Groundwater Sampling Report 990120-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,

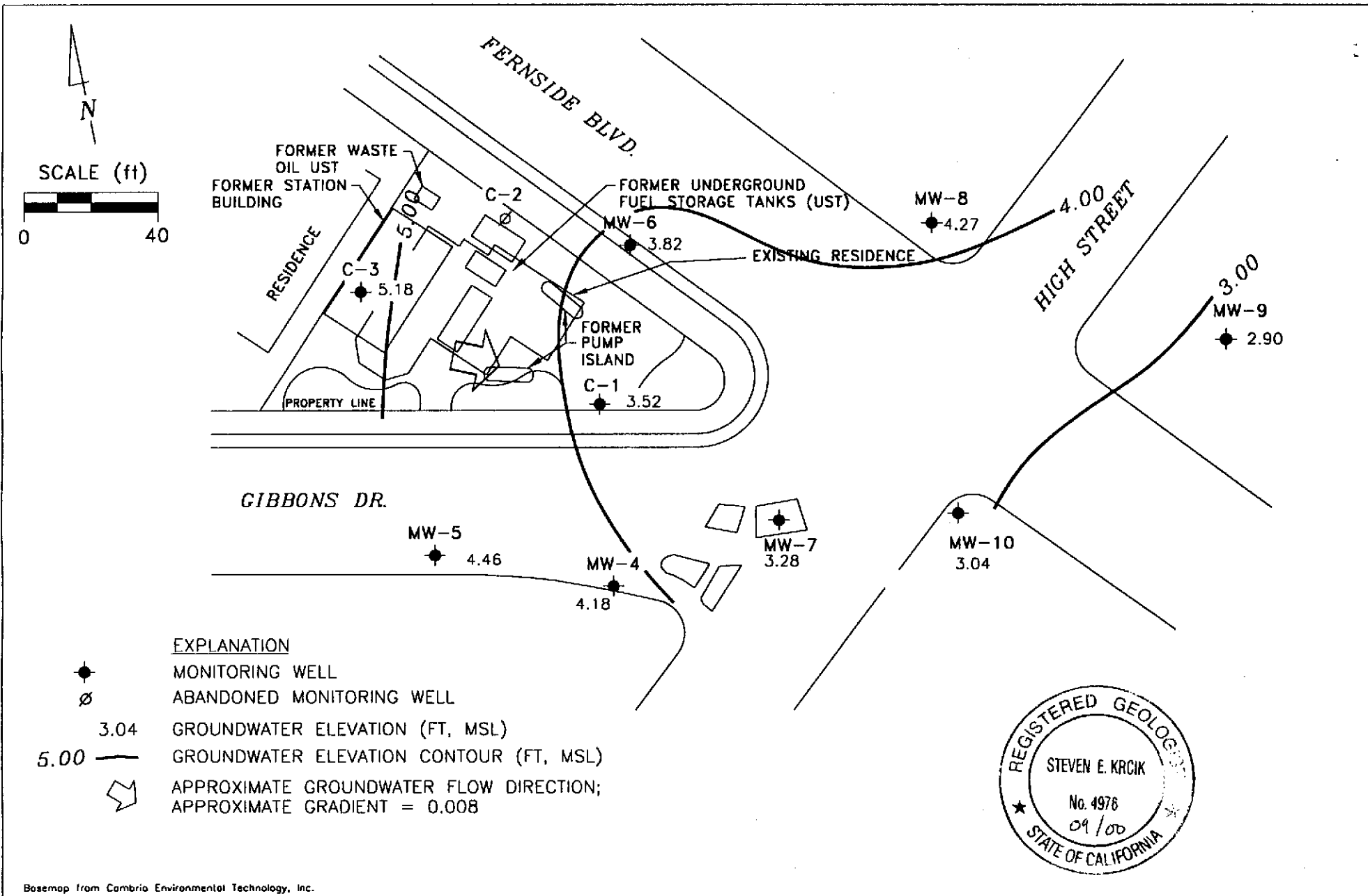


Christine Lillie
Project Coordinator

FPT/sb

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,
JANUARY 20, 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.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well	Ground	Depth	Volumetric Measurements			Notes	Analytical results						
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	Total SPH Removed		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	--	--	--	--	--	--	--	--
12/20/96	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	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-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	--	--	13.855	--	45,000	12,000	5400	590	4300	<500	--
11/19/98	7.50	3.61	3.89	--	--	13.855	--	--	--	--	--	--	--	--
12/19/98	7.50	5.39	2.13	0.02	0.040	13.895	--	--	--	--	--	--	--	--
01/20/99	7.50	3.52	3.98	--	--	13.895	--	50,300	7050	5030	244	6090	<40	--

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	Vertical Measurements are in feet.			Volumetric Measurements are in gallons.				Analytical results are in parts per billion (ppb)						
	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 Head Elev.	Ground Water Elev.	Depth To Water	Volumetric Measurements			Notes	Analytical results							
				SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE	Other	
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	<0.5	--	--
12/15/91	--	--	4.84	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/03/92	--	--	2.17	--	--	--	--	<50	<0.5	<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	<0.5	--	--
10/13/92	4.41	-0.38	4.79	--	--	--	--	<50	<0.5	<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	<0.5	--	--
04/14/93	4.41	1.65	2.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
07/13/93	4.41	0.45	3.96	--	--	--	--	<50	<0.5	<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	<0.5	--	--
04/07/94	7.83	4.63	3.20	--	--	--	--	<50	<0.5	<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	<0.5	--	--
10/05/94	7.83	3.29	4.54	--	--	--	--	<50	<0.5	<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	<0.5	--	--
05/02/95	7.83	5.68	2.15	--	--	--	--	<50	<0.5	<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	<0.5	--	--
10/30/95	7.83	3.37	4.46	--	--	--	--	<50	<0.5	<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	<0.5	<2.5	--
04/24/96	7.83	5.21	2.62	--	--	--	--	<50	<0.5	<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	<0.5	<2.5	--
10/10/96	7.83	3.77	4.06	--	--	--	--	<50	<0.5	<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	<0.5	<2.5	--
04/03/97	7.83	4.60	3.23	--	--	--	--	<50	<0.5	<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	<0.5	<2.5	--
10/29/97	7.83	3.18	4.65	--	--	--	--	<50	<0.5	<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	<0.5	<2.5	--
07/15/98	7.83	4.11	3.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/20/99	7.83	5.18	2.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0	--

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	SPH								
				Thickness	Removed	Removed								
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	--
01/20/99	7.01	4.18	2.83	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--

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	SPH								
				Thickness	Removed	Removed								
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	--	--	--	--	--	--	--	--	--	--	--
01/20/99	7.04	4.46	2.58	--	--	--	--	168	<0.5	<0.5	<0.5	0.692	<2.0	--

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	SPH								
				Thickness	Removed	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	<2.5	--
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	--
01/20/99	7.27	3.82	3.45	--	--	--	--	<50	10	<0.5	<0.5	<0.5	<2.0	--

* 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 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-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	--
01/20/99	7.92	4.47	3.45	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
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	--
01/20/99	6.96	4.27	2.69	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--

* 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	Vertical Measurements are in feet.			Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)						
	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed		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	--
01/20/99	7.21	2.90	4.31	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
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	--	--	--	--	--	--	--	--	--	--	--
01/20/99	7.28	3.04	4.24	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
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	--
01/20/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 1, 1994.
 Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons
 SPH = Separate-Phase Hydrocarbons
 MTBE = Methyl t-butyl ether

Analytical Appendix



Sequoia Analytical

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February 2, 1999

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

RE: Chevron/P901463

Dear Christine Lillie

Enclosed are the results of analyses for sample(s) received by the laboratory on January 26, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number 2245



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

Project: Chevron
Project Number: 9-1153/990120-Y1
Project Manager: Christine Lillie

Sampled: 1/20/99
Received: 1/26/99
Reported: 2/2/99

ANALYTICAL REPORT FOR P901463

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
C1	P901463-01	Water	1/20/99
C3	P901463-02	Water	1/20/99
MW 4	P901463-03	Water	1/20/99
MW 5	P901463-04	Water	1/20/99
MW 6	P901463-05	Water	1/20/99
MW 7	P901463-06	Water	1/20/99
MW 8	P901463-07	Water	1/20/99
MW 9	P901463-08	Water	1/20/99
MW 10	P901463-09	Water	1/20/99
TB	P901463-10	Water	1/20/99



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Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 9-1153/990120-Y1 Project Manager: Christine Lillie	Sampled: 1/20/99 Received: 1/26/99 Reported: 2/2/99
---	---	---

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				P901463-01		Water		
C1								
Gasoline	9020003	2/1/99	2/1/99		1000	50300	ug/l	
Benzene	"	"	"		10.0	7050	"	
Toluene	"	"	"		10.0	5030	"	
Ethylbenzene	"	"	"		10.0	244	"	
Xylenes (total)	"	"	"		10.0	6090	"	
Methyl tert-butyl ether	"	"	"		40.0	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		97.3	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		89.3	"	
				P901463-02		Water		
C3								
Gasoline	9020003	2/1/99	2/1/99		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	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		100	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		87.3	"	
				P901463-03		Water		
MW 4								
Gasoline	9020003	2/1/99	2/1/99		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	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		104	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		87.7	"	
				P901463-04		Water		
MW 5								
Gasoline	9020003	2/1/99	2/1/99		50.0	168	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	0.692	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	65.0-135		99.3	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		89.0	"	
				P901463-05		Water		
MW 6								
Gasoline	9020003	2/1/99	2/1/99		50.0	ND	ug/l	



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Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 9-1153/990120-Y1 Project Manager: Christine Lillie	Sampled: 1/20/99 Received: 1/26/99 Reported: 2/2/99
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Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW 6 (continued)				<u>P901463-05</u>			<u>Water</u>	
Benzene	9020003	2/1/99	2/1/99		0.500	10.0	ug/l	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	65.0-135		98.0	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		87.7	"	
MW 7				<u>P901463-06</u>			<u>Water</u>	
Gasoline	9020003	2/1/99	2/1/99		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	"	"	"		2.00	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	65.0-135		94.0	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		89.0	"	
MW 8				<u>P901463-07</u>			<u>Water</u>	
Gasoline	9020003	2/1/99	2/1/99		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	"	"	"		2.00	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	65.0-135		93.7	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		88.0	"	
MW 9				<u>P901463-08</u>			<u>Water</u>	
Gasoline	9020003	2/1/99	2/1/99		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	"	"	"		2.00	ND	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	"	"	"	65.0-135		91.7	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	65.0-135		89.3	"	
MW 10				<u>P901463-09</u>			<u>Water</u>	
Gasoline	9020003	2/1/99	2/1/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	



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Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 9-1153/990120-Y1 Project Manager: Christine Lillie	Sampled: 1/20/99 Received: 1/26/99 Reported: 2/2/99
---	---	---

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW 10 (continued)				P901463-09			Water	
Toluene	9020003	2/1/99	2/1/99		0.500	ND	ug/l	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	65.0-135		98.0	%	
Surrogate: <i>4-Bromofluorobenzene</i>	"	"	"	65.0-135		90.7	"	
TB				P901463-10			Water	
Gasoline	9020003	2/1/99	2/1/99		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	"	"	"		2.00	ND	"	
Surrogate: <i>a,a,a-Trifluorotoluene</i>	"	"	"	65.0-135		93.0	%	
Surrogate: <i>4-Bromofluorobenzene</i>	"	"	"	65.0-135		89.0	"	



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Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 9-1153/990120-Y1 Project Manager: Christine Lillie	Sampled: 1/20/99 Received: 1/26/99 Reported: 2/2/99
---	---	---

Total Petroleum Hydrocarbons as Gasoline and BTEX, by EPA 8015M/8020M/Quality Control Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9020003		Date Prepared: 2/1/99		Extraction Method: EPA 5030 waters						
Blank		9020003-BLK1								
Gasoline	2/1/99			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	0.500				
Methyl tert-butyl ether	"			ND	"	2.00				
Surrogate: a,a,a-Trifluorotoluene	"	300		315	"	65.0-135	105			
Surrogate: 4-Bromofluorobenzene	"	300		275	"	65.0-135	91.7			
LCS		9020003-BS1								
Gasoline	2/1/99	1000		1150	ug/l	65.0-135	115			
Surrogate: 4-Bromofluorobenzene	"	300		282	"	65.0-135	94.0			
Matrix Spike		9020003-MS1		P901466-01						
Gasoline	2/1/99	1000	ND	1130	ug/l	65.0-135	113			
Surrogate: 4-Bromofluorobenzene	"	300		265	"	65.0-135	88.3			
Matrix Spike Dup		9020003-MSD1		P901466-01						
Gasoline	2/1/99	1000	ND	1020	ug/l	65.0-135	102	20.0	10.2	
Surrogate: 4-Bromofluorobenzene	"	300		217	"	65.0-135	72.3			



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Blaine Tech/Chevron 1680 Rogers Ave. San Jose, CA 95112	Project: Chevron Project Number: 9-1153/990120-Y1 Project Manager: Christine Lillie	Sampled: 1/20/99 Received: 1/26/99 Reported: 2/2/99
---	---	---

Notes and Definitions

#	Note
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

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: 990120 Y1	Station #: 9-1153
Sampler: B. TAYLOR	Date: 1/20/99
Well I.D.: C1	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 17.14	Depth to Water: 3.95
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: _____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1216	52.7	7.1	984	5	
1217	54.7	7.1	1007	10	
1218	59.3	7.3	1008	15	

Did well dewater? Yes No Gallons actually evacuated: 15

Sampling Time: 12 20 Sampling Date: 1/20/99

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 #: 990120 Y1	Station #: 9-1153
Sampler: B. TAYLOR	Date: 1/20/99
Well I.D.: C3	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 18.64	Depth to Water: 2.65
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

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port

Other: _____

Other: _____

<u>6</u>	\times	<u>3</u>	$=$	<u>18</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1103	54.5	7.0	493	6	
1109	55.1	7.1	511	12	
1115	56.4	7.1	512	18	

Did well dewater? Yes No Gallons actually evacuated: 18

Sampling Time: 1117 Sampling Date: 1/20/99

Sample I.D.: C3 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 #: <u>990120 Y1</u>	Station #: <u>9-1153</u>
Sampler: <u>B. TAYLOR</u>	Date: <u>1/20/99</u>
Well I.D.: <u>MW4</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth: <u>12.95</u>	Depth to Water: <u>2.83</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
 Middleburg
 Electric Submersible
 Extraction Pump
 Other: _____

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port
 Other: _____

<u>2</u>	X	<u>3</u>	=	<u>5</u>	Gals.
i Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>11 22</u>	<u>54.9</u>	<u>7.2</u>	<u>424</u>	<u>2</u>	
<u>11 24</u>	<u>55.2</u>	<u>7.1</u>	<u>481</u>	<u>4</u>	
<u>11 26</u>	<u>56.0</u>	<u>7.1</u>	<u>492</u>	<u>6</u>	

Did well dewater? Yes No Gallons actually evacuated: C

Sampling Time: 11 30 Sampling Date: 1/20/99

Sample I.D.: MW4 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 #: 990120 Y1	Station #: 9-1153
Sampler: B. TAYLOR	Date: 1/20/99
Well I.D.: MW 5	Well Diameter: (2) 3 4 6 8
Total Well Depth: 12.51	Depth to Water: 2.56
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: _____

<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
1207	52.9	7.1	513	2	
1209	55.7	7.1	526	4	
1210	56.0	7.0	528	5	

Did well dewater? Yes No Gallons actually evacuated: 5

Sampling Time: 1212 Sampling Date: 1/20/99

Sample I.D.: MW 5 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 #: 990120 Y1	Station #: 9-1153
Sampler: B. TAYLOR	Date: 1/20/99
Well I.D.: MW6	Well Diameter: (2) 3 4 6 8
Total Well Depth: 13.81	Depth to Water: 3.45
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

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port

Other: _____

Other: _____

<u>2</u>	X	<u>3</u>	=	<u>6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1140	52.1	7.0	511	2	
1141	54.5	7.0	513	4	
1143	55.0	7.1	517	6	

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 1145 Sampling Date: 1/20/99

Sample I.D.: MW6 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:	<u>3.1</u> mg/L	Post-purge:	
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O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	
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CHEVRON WELL MONITORING DATA SHEET

Project #: 990120 Y1	Station #: 9-1153
Sampler: B. TAYLOR	Date: 1/20/99
Well I.D.: MW7	Well Diameter: (2) 3 4 6 8
Total Well Depth: 14.22	Depth to Water: 4.14
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: _____

<u>2</u>	X	<u>3</u>	=	<u>6</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1153	59.8	7.3	428	2	
1155	54.3	7.0	493	4	
1157	55.6	7.0	504	6	

Did well dewater? Yes No Gallons actually evacuated: 6

Sampling Time: 1200 Sampling Date: 1/20/99

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: 29 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>990120 Y1</u>	Station #: <u>9-1153</u>
Sampler: <u>B. TAYLOR</u>	Date: <u>1/20/99</u>
Well I.D.: <u>MW8</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth: <u>9.21</u>	Depth to Water: <u>2.65</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
 Middleburg
 Electric Submersible
 Extraction Pump

Sampling Method:

Bailer
 Disposable Bailer
 Extraction Port

Other: _____

Other: _____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1013</u>	<u>56.7</u>	<u>7.0</u>	<u>506</u>	<u>1</u>	
<u>1014</u>	<u>58.4</u>	<u>7.2</u>	<u>492</u>	<u>2</u>	
<u>1015</u>	<u>58.5</u>	<u>7.2</u>	<u>483</u>	<u>3</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>3</u>
Sampling Time: <u>10 18</u>	Sampling Date: <u>1/20/99</u>
Sample I.D.: <u>MW6</u>	Laboratory: <u>Sequoia</u> CORE N. Creek Assoc. Labs
Analyzed for: <u>(TPH-G BTEX 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 #: <u>990120 Y1</u>	Station #: <u>9-1153</u>
Sampler: <u>B. TAYLOR</u>	Date: <u>1/20/99</u>
Well I.D.: <u>MW9</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth: <u>8.58</u>	Depth to Water: <u>4.31</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
 Middleburg
 Electric Submersible
 Extraction Pump
 Other: _____

Sampling Method: Bailer
Disposable Bailer
 Extraction Port
 Other: _____

<u>1.7</u>	X	<u>3</u>	=	<u>2.1</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>10 26</u>	<u>54.9</u>	<u>7.0</u>	<u>623</u>	<u>1</u>	
<u>10 27</u>	<u>56.7</u>	<u>6.6</u>	<u>504</u>	<u>2</u>	
<u>10 28</u>	<u>57.3</u>	<u>6.9</u>	<u>496</u>	<u>3</u>	

Did well dewater? Yes No Gallons actually evacuated: 3

Sampling Time: 10 33 Sampling Date: 1/20/99

Sample I.D.: MW9 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 #: <u>990120 Y1</u>	Station #: <u>9-1153</u>
Sampler: <u>B. TAYLOR</u>	Date: <u>1/20/99</u>
Well I.D.: <u>MW10</u>	Well Diameter: <u>(2)</u> 3 4 6 8 <u> </u>
Total Well Depth: <u>8.83</u>	Depth to Water: <u>4.24</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
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: <u>Bailer</u> <u>Disposable Bailer</u> Middleburg Electric Submersible Extraction Pump Other: <u> </u>	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> Extraction Port Other: <u> </u>
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<u>1</u>	<u>X</u>	<u>3</u>	<u>=</u>	<u>3</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
<u>1044</u>	<u>56.4</u>	<u>6.8</u>	<u>326</u>	<u>1</u>	
<u>1045</u>	<u>58.7</u>	<u>7.0</u>	<u>411</u>	<u>2</u>	
<u>1046</u>	<u>58.9</u>	<u>7.1</u>	<u>412</u>	<u>3</u>	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>3</u>	
Sampling Time: <u>1050</u>	Sampling Date: <u>1/20/99</u>	
Sample I.D.: <u>MW10</u>	Laboratory: <u>(Sequoia)</u> CORE N. Creek Assoc. Labs	
Analyzed for: <u>(TPH-G BTEX MTBE)</u> TPH-D Other:		
Duplicate I.D.: <u> </u>	Analyzed for: TPH-G BTEX MTBE TPH-D Other:	
D.O. (if req'd):	Pre-purge: <u> </u> mg/L	Post-purge: <u> </u> mg/L
O.R.P. (if req'd):	Pre-purge: <u> </u> mV	Post-purge: <u> </u> mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 981229-53	Station #: 9-1153
Sampler: DOUG	Date: 12-29-98
Well I.D.: C-1	Well Diameter: 2 (3) 4 6 8
Total Well Depth: _____	Depth to Water: 2.13
Depth to Free Product: 2.11	Thickness of Free Product (feet): 0.02
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method: Bailer
~~Disposable Bailer~~
 Extraction Port
 Other: _____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1415					F.P. - Bailed approx. 150 ml.
					(emptied skimmer)

Did well dewater? Yes No Gallons actually evacuated: _____

Sampling Time: _____ Sampling Date: 12-29-98

Sample I.D.: C-1 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MTBE TPH-D Other: Material ID

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):	mV	Post-purge:	mV

