

ENVIRONMENTAL
PROTECTION

99 DEC 13 PM 4: 55

#103



Chevron

Chevron U.S.A. Products Company
6001 Bollinger Canyon Rd. Bldg. L
P. O. Box 6004
San Ramon, CA 94583-0804

Site Assessment and
Remediation Group
Phone (510) 842-9500
Fax (510) 842-3370

Date: December 2, 1999
To: Distribution
Re: Groundwater Monitoring Report , 9-0076

The enclosed groundwater monitoring report has been properly reviewed by a Chevron authorized representative. Agency guidelines have been followed. Blaine Tech Services is authorized to distribute the report directly to interested parties.

If you have any questions, please call me at (510) 842-3695.

Sincerely,

A handwritten signature in cursive script that reads "Brett L. Hunter".

Brett Hunter
Site Assessment and Remediation
Project Manager

BLAINE
TECH SERVICES INC.



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

December 1, 1999

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

3rd Quarter 1999 Monitoring at 9-0076

Third Quarter 1999 Groundwater Monitoring at
Chevron Service Station Number 9-0076
4265 Foothill Blvd.
Oakland, CA

Monitoring Performed on September 30, 1999

Groundwater Sampling Report 990930-C-2

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

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

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater elevation calculations taken from the computer plotted gradient map which is located in the **Professional Engineering Appendix**.

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

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

Please call if you have any questions.

Yours truly,



Scott Boor
Project Coordinator

SDB/jh

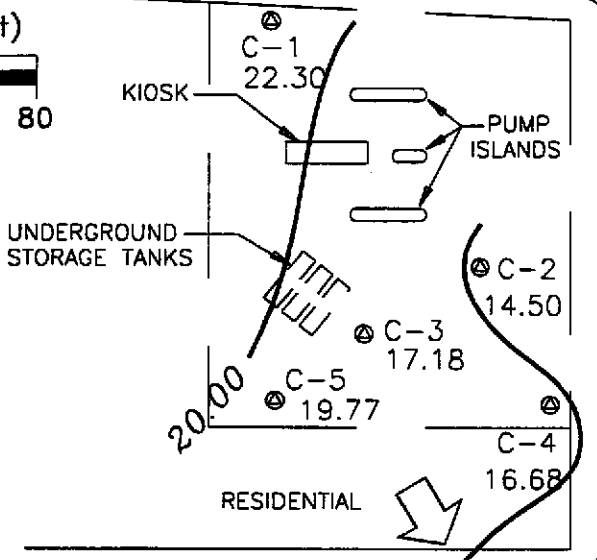
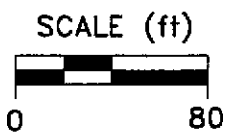
attachments: Professional Engineering Appendix
Cumulative Table of Well Data and Analytical Results
Analytical Appendix
Field Data Sheets

cc: **Barney Chan, Alameda County Health Care Services**
Alex Perez, Shell Oil Company
David Dewitt, Tosco Oil Company
Barbara Russell, American Stores Properties, Inc.
Greg Gurss, Gettler-Ryan, Inc.

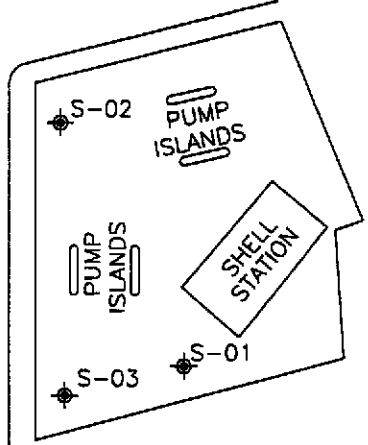
Professional Engineering Appendix

BP
STATION

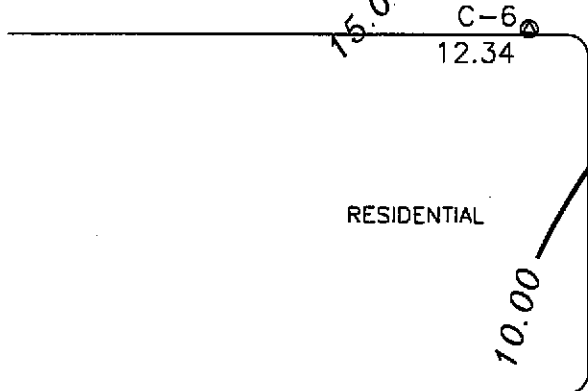
FOOTHILL BOULEVARD



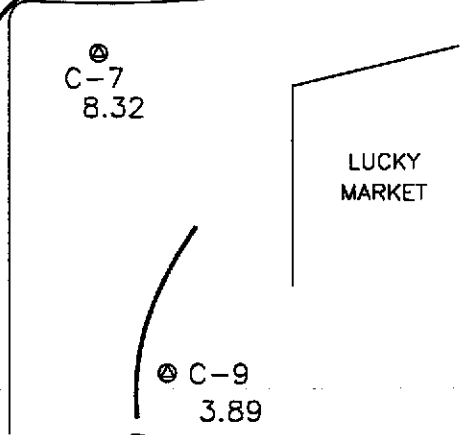
HIGH STREET



BOND STREET

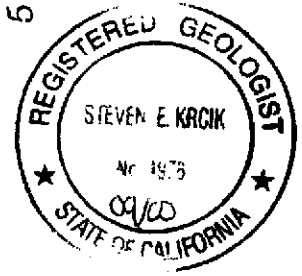


EAST 17th STREET



EXPLANATION

- ⊙ MONITORING WELL
- ⊕ MONITORING WELL (SHELL)
- 3.89 GROUNDWATER ELEVATION (FT. MSL)
- 20.00 — GROUNDWATER ELEVATION CONTOUR (FT. MSL)
- ↘ APPROXIMATE GROUNDWATER FLOW DIRECTION;
APPROXIMATE GRADIENT = 0.04



Basemap from Geoconsultants, Inc.


PREPARED BY  engineering contracting firm	Chevron Station 9-0076 4265 Foothill Boulevard Oakland, California	FIGURE: 1
	GROUNDWATER ELEVATION CONTOUR MAP, SEPTEMBER 30, 1999	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	Total			Notes	Analytical results are in parts per billion (ppb)					
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-1													
04/28/89	35.42	15.37	20.05	--	--	--	--	940	30	1.3	11	13	--
08/08/89	35.42	11.35	24.07	--	--	--	--	820	45	2.0	13	13	--
12/21/89	35.42	12.61	22.81	--	--	--	--	--	--	--	--	--	--
08/27/90	35.42	13.30	22.12	--	--	--	--	440	15	1.0	6.0	13	--
11/04/90	35.42	9.86	25.56	--	--	--	--	--	--	--	--	--	--
06/18/91	35.42	13.78	21.64	--	--	--	--	74	5.6	0.6	1.9	1.3	--
09/19/91	35.42	10.84	24.58	--	--	--	--	150	7.1	<0.5	2.3	3.0	--
12/20/91	35.42	9.25	26.17	--	--	--	--	250	10	<0.5	3.7	1.6	--
03/18/92	35.42	17.17	18.25	--	--	--	--	190	16	<0.5	8.5	2.9	--
07/14/92	35.42	7.81	27.61	--	--	--	--	20,000	480	2200	510	2900	--
10/08/92	35.42	10.98	24.44	--	--	--	--	360	34	4.6	19	12	--
01/08/93	35.42	15.74	19.68	--	--	--	--	120	9.1	0.5	5.1	1.8	--
04/14/93	35.42	19.04	16.38	--	--	--	--	190	74	0.6	1.0	2.0	--
07/16/93	35.42	--	--	--	--	--	--	--	--	--	--	--	--
07/27/93	35.42	26.03	9.39	--	--	--	--	300	12	<0.5	5.0	2.0	--
09/21/93	38.41	16.99	21.42	--	--	--	--	360	12	1.2	5.8	3.7	--
01/28/94	38.41	18.84	19.57	--	--	--	--	370	24	1.0	13	4.0	--
03/17/94	38.41	21.56	16.85	--	--	--	--	460	42	<0.5	6.7	3.7	--
06/16/94	38.41	20.58	17.83	--	--	--	--	320	20	0.7	8.7	3.0	--
09/22/94	38.41	18.15	20.26	--	--	--	--	380	24	0.6	8.8	1.9	--
12/15/94	38.41	22.59	15.82	--	--	--	--	280	23	7.6	7.8	13	--
03/30/95	38.41	26.39	12.02	--	--	--	--	2200	890	8.9	15	<5.0	--
06/20/95	38.41	24.01	14.40	--	--	--	--	690	140	<2.0	9.4	2.8	--
09/20/95	38.41	24.59	13.82	--	--	--	--	730	27	78	26	130	--
12/06/95	38.41	17.81	20.60	--	--	--	--	220	16	<0.5	7.2	1.7	11
03/21/96	38.41	26.76	11.65	--	--	--	--	640	170	<2.0	6.7	<2.0	35
06/21/96	38.41	24.16	14.25	--	--	--	--	640	140	<1.2	8.7	2.0	23
09/06/96	38.41	21.66	16.75	--	--	--	--	460	24	0.56	10	2.4	43
12/19/96	38.41	24.43	13.98	--	--	--	--	790	120	22	13	19	<25
03/17/97	38.41	25.63	12.78	--	--	--	--	2200	660	<10	15	<10	110
06/11/97	38.41	23.25	15.16	--	--	--	--	1500	130	<2.0	16	3.4	130
09/17/97	38.41	21.47	16.94	--	--	--	*	910	160	23	13	49	180
12/11/97	38.41	25.23	13.18	--	--	--	--	2000	270	7.0	53	7.4	460

CONTINUED ON NEXT PAGE

* See Table of Additional Analyses.

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
C-1 (CONT'D)													
03/12/98	38.41	28.92	9.49	--	--	--	*	3100	1300	<20	42	<20	760
06/23/98	38.41	28.19	10.22	--	--	--	--	1300	650	6.9	22	6.5	290
09/01/98	38.41	21.43	16.98	--	--	--	--	270	6.0	<2.5	<2.5	<2.5	950
12/30/98	38.41	22.29	16.12	--	--	--	--	2020	578	<5.0	<5.0	<5.0	1720
03/31/99	38.41	24.53	13.88	--	--	--	*	2140	776	5.89	<5.0	5.15	1170
06/14/99	38.41	23.09	15.32	--	--	--	--	1450	524	<5.0	<5.0	<5.0	1150
06/14/99	38.41	23.09	15.32	--	--	--	Confirmation run	--	--	--	--	--	1360**
09/30/99	38.41	22.30	16.11	--	--	--	--	79	1.12	<0.5	1.07	<0.5	677

* See Table of Additional Analyses.

** Samples were analyzed past hold-time, the results should be considered as estimated.

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
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	SPH Removed							
C-2													
04/28/89	35.18	8.74	26.44	--	--	--	--	120,000	30,000	22,000	3000	17,000	--
08/08/89	35.18	5.29	29.90	0.01	--	--	--	--	--	--	--	--	--
12/21/89	35.18	5.86	29.32	--	--	--	--	--	--	--	--	--	--
08/27/90	35.18	5.77	29.55	0.17	--	--	--	--	--	--	--	--	--
11/04/90	35.18	4.71	30.47	--	--	--	--	--	--	--	--	--	--
06/18/91	35.18	6.90	28.33	0.06	--	--	--	--	--	--	--	--	--
09/19/91	35.18	5.84	29.39	0.06	--	--	--	--	--	--	--	--	--
12/20/91	35.18	5.95	29.23	--	--	--	--	170,000	20,000	10,000	2800	19,000	--
03/18/92	35.18	21.58	13.60	0.09	--	--	--	--	--	--	--	--	--
07/14/92	35.18	--	--	--	--	--	--	--	--	--	--	--	--
10/08/92	35.18	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	35.18	10.98	24.20	Sheen	--	--	--	79,000	14,000	7200	3500	16,000	--
04/14/93	35.18	--	--	--	--	--	--	--	--	--	--	--	--
07/16/93	35.18	5.03	30.15	--	--	--	--	2200	440	73	24	350	--
09/21/93	37.47	11.18	26.29	--	--	--	--	11,000	2300	300	270	910	--
01/28/94	37.47	13.51	23.96	--	--	--	--	49,000	11,000	3900	1600	12,000	--
03/17/94	37.47	11.48	25.99	--	--	--	--	16,000	3300	1000	220	3500	--
06/16/94	37.47	13.55	23.92	--	--	--	--	20,000	4800	1500	520	4300	--
09/22/94	37.47	11.85	25.62	--	--	--	--	35,000	5600	850	1700	7300	--
12/15/94	37.47	16.31	21.16	--	--	--	--	96,000	9000	3500	3300	13,000	--
03/30/95	37.47	20.29	17.18	--	--	--	--	100,000	9400	3700	3900	14,000	--
06/20/95	37.47	18.52	18.95	--	--	--	--	93,000	6400	1900	2900	11,000	--
09/20/95	37.47	19.27	18.20	--	--	--	--	58,000	6600	330	1600	5500	--
12/06/95	37.47	12.71	24.76	--	--	--	--	40,000	5000	86	1800	3700	<500
03/21/96	37.47	21.30	16.17	0.00	0.132	0.130	--	--	--	--	--	--	--
06/21/96	37.47	19.34	18.15	0.02	0.026	0.156	--	--	--	--	--	--	--
09/06/96	37.47	16.36	21.14	0.04	0.079	0.235	--	--	--	--	--	--	--
12/19/96	37.47	19.94	17.55	0.03	0.050	0.285	--	--	--	--	--	--	--
03/17/97	37.47	18.88	18.59	--	--	0.285	--	58,000	4800	1200	1800	6300	3400
06/11/97	37.47	16.17	21.30	--	--	0.285	--	40,000	5500	720	1400	4100	3100
09/17/97	37.47	14.33	23.14	--	--	0.285	*	30,000	4800	220	1200	1800	3200
12/11/97	37.47	20.26	17.21	--	--	0.285	--	76,000	6100	1300	2200	8000	3800

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* See Table of Additional Analyses.

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
C-2 (CONT'D)													
03/12/98	37.47	23.30	14.17	--	--	0.285	*	45,000	6000	1400	1800	5900	2700
06/23/98	37.47	22.65	14.82	--	--	0.285	ORC Installed	1,100,000	6800	5100	13,000	38,000	<1000
09/01/98	37.47	15.69	21.78	--	--	0.285	--	9700	300	8.2	6.2	250	3700
12/30/98	37.47	15.61	21.86	--	--	0.285	--	110,000	4790	1300	841	5570	2420
03/31/99	37.47	20.57	16.90	--	--	0.285	*	48,000	4800	1110	1520	5450	2160
06/14/99	37.47	17.32	20.15	--	--	0.285	Sheen	56,400	5380	671	1300	3960	2480
06/14/99	37.47	17.32	20.15	--	--	0.285	Confirmation run	--	--	--	--	--	2630**
09/30/99	37.47	14.50	22.97	--	--	0.285	--	22,100	623	<100	529	1250	2430

* See Table of Additional Analyses.

** Samples were analyzed past hold-time, the results should be considered as estimated.

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
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	SPH Removed							
C-3													
04/28/89	35.28	7.28	28.00	--	--	--	--	<500	1.7	<0.5	<0.5	<0.5	--
08/08/89	35.28	5.28	30.00	--	--	--	--	<500	1.0	<0.5	<0.5	<0.5	--
12/21/89	35.28	4.75	30.53	--	--	--	--	--	--	--	--	--	--
08/27/90	35.28	5.60	29.68	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/04/90	35.30	4.94	30.36	--	--	--	--	--	--	--	--	--	--
06/18/91	35.30	6.84	28.46	--	--	--	--	52	1.1	<0.5	<0.5	1.2	--
09/19/91	35.30	5.97	29.33	--	--	--	--	73	1.2	<0.5	<0.5	<0.5	--
12/20/91	35.30	5.53	29.77	--	--	--	--	<50	0.7	<0.5	<0.5	<0.5	--
03/18/92	35.30	9.55	25.75	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	35.30	7.43	27.87	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	35.30	6.75	28.55	--	--	--	--	<50	<0.5	<0.5	<0.5	0.5	--
01/08/93	35.30	9.45	25.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	35.30	11.34	23.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	35.30	9.66	25.64	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	38.37	12.15	26.22	--	--	--	--	<50	0.7	<0.5	<0.5	<0.8	--
01/28/94	38.37	12.71	25.66	--	--	--	--	<50	2.0	<0.5	<0.5	1.0	--
03/17/94	38.37	13.42	24.95	--	--	--	--	<50	2.8	<0.5	0.6	1.5	--
06/16/94	38.37	14.06	24.31	--	--	--	--	<50	1.4	<0.5	<0.5	<0.5	--
09/22/94	38.37	13.33	25.04	--	--	--	--	<50	0.6	<0.5	<0.5	<0.5	--
12/15/94	38.37	16.15	22.22	--	--	--	--	<50	2.6	1.7	0.82	4.5	--
03/30/95	38.37	19.95	18.42	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	38.37	18.58	19.79	--	--	--	--	110	2.2	<0.5	<0.5	1.2	--
09/20/95	38.37	19.42	18.95	--	--	--	--	560	21	80	23	120	--
12/06/95	38.37	14.21	24.16	--	--	--	--	<50	0.73	<0.5	<0.5	0.67	<2.5
03/21/96	38.37	20.52	17.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	38.37	18.59	19.78	--	--	--	--	57	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	38.37	16.74	21.63	--	--	--	--	<50	0.9	<0.5	<0.5	<0.5	<2.5
12/19/96	38.37	16.07	22.30	--	--	--	--	310	36	33	6.5	28	<2.5
03/17/97	38.37	19.42	18.95	--	--	--	--	54	1.1	<0.5	<0.5	0.76	<2.5
06/11/97	38.37	17.22	21.15	--	--	--	--	120	1.1	<0.5	<0.5	<0.5	<2.5
09/17/97	38.37	15.96	22.41	--	--	--	*	240	19	19	6.6	40	13
12/11/97	38.37	16.11	22.26	--	--	--	--	<50	1.8	<0.5	<0.5	0.5	<2.5

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* See Table of Additional Analyses.

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	Analytical results are in parts per billion (ppb)					
	Head	Water	To	SPH	SPH	SPH		TPH-	Benzene	Toluene	Ethyl-	Xylene	MTBE
	Elev.	Elev.	Water	Thickness	Removed	Removed		Gasoline			Benzene		
C-3 (CONT'D)													
03/12/98	38.37	20.02	18.35	--	--	--	*	72	6.3	<0.5	0.64	3.1	2.6
06/23/98	38.37	19.33	19.04	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	38.37	18.40	19.97	--	--	--	--	200	6.8	0.31	0.52	2.0	<2.5
12/30/98	38.37	17.06	21.31	--	--	--	*	<50	<0.5	<0.5	<0.5	<0.5	<2.0
03/31/99	38.37	20.60	17.77	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	12.6
06/14/99	38.37	20.12	18.25	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	38.37	17.18	21.19	--	--	--	--	79.2	3.04	0.794	<0.5	1.04	6.17

* See Table of Additional Analyses.

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
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	SPH Removed							
C-4													
01/12/89	33.45	3.96	29.49	--	--	--	--	--	--	--	--	--	--
04/12/89	33.45	6.01	27.44	--	--	--	--	--	--	--	--	--	--
04/28/89	33.45	3.96	29.49	--	--	--	--	20,000	6300	550	230	1500	--
08/08/89	33.45	3.90	29.55	--	--	--	--	8000	7500	340	88	1000	--
12/21/89	33.45	3.43	30.02	--	--	--	--	--	--	--	--	--	--
08/27/90	33.48	4.46	29.02	--	--	--	--	26,000	10,000	280	410	1400	--
11/04/90	33.48	3.67	29.81	--	--	--	--	--	--	--	--	--	--
06/18/91	33.48	6.03	27.45	--	--	--	--	34,000	14,000	410	450	1300	--
09/19/91	33.48	4.83	28.65	--	--	--	--	16,000	7400	90	110	460	--
12/20/91	33.48	4.64	28.84	--	--	--	--	24,000	12,000	120	260	740	--
03/18/92	33.48	11.05	24.43	--	--	--	--	48,000	6000	1300	1300	2400	--
07/14/92	33.48	6.59	26.89	--	--	--	--	40,000	14,000	920	550	2400	--
10/08/92	33.48	5.69	27.79	--	--	--	--	29,000	13,000	190	110	1400	--
01/08/93	33.48	9.98	23.50	--	--	--	--	25,000	7000	630	860	1800	--
04/14/93	33.48	12.35	21.13	--	--	--	--	27,000	6300	1000	900	1400	--
07/16/93	33.48	9.52	23.96	--	--	--	--	28,000	7800	1100	830	2100	--
09/21/93	36.49	10.98	25.51	--	--	--	--	30,000	9600	130	390	1300	--
01/28/94	36.49	13.18	23.31	--	--	--	--	18,000	7800	440	260	1200	--
03/17/94	36.49	15.14	21.35	--	--	--	--	32,000	7800	820	820	1800	--
06/16/94	36.49	13.99	22.50	--	--	--	--	25,000	7600	710	600	1800	--
09/22/94	36.49	12.56	23.93	--	--	--	--	25,000	7800	140	600	1100	--
12/15/94	36.49	17.47	19.02	--	--	--	--	38,000	7600	460	1200	2000	--
03/30/95	36.49	21.63	14.86	--	--	--	--	41,000	8700	1600	1800	3000	--
06/20/95	36.49	19.59	16.90	--	--	--	--	29,000	6000	890	960	1800	--
09/20/95	36.49	20.29	16.20	--	--	--	--	12,000	6900	510	290	1300	--
12/06/95	36.49	13.37	23.12	--	--	--	--	13,000	3900	42	30	250	<250
03/21/96	36.49	22.39	14.10	--	--	--	--	39,000	4800	640	1000	1800	<1000
06/21/96	36.49	19.54	16.95	--	--	--	--	26,000	4400	640	960	1800	2000
09/06/96	36.49	16.36	20.13	--	--	--	--	23,000	500	200	230	1000	3100
12/19/96	36.49	19.57	16.92	--	--	--	--	23,000	4900	320	1100	2000	<250
03/17/97	36.49	19.09	17.40	--	--	--	--	30,000	5800	700	1400	2200	1700
06/11/97	36.49	18.15	18.34	--	--	--	--	29,000	4400	520	790	1800	2000
09/17/97	36.49	15.03	21.46	--	--	--	*	17,000	4300	140	940	1100	4600
12/11/97	36.49	19.84	16.65	--	--	--	--	12,000	2500	130	300	1000	1400

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* See Table of Additional Analyses.

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	Analytical results are in parts per billion (ppb)					
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	SPH Removed		TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE
C-4 (CONT'D)													
03/12/98	36.49	19.90	16.59	--	--	--	*	46,000	11,000	1500	2300	5000	3400
06/23/98	36.49	19.47	17.02	--	--	--	ORC Installed	27,000	1600	160	180	690	100
09/01/98	36.49	15.04	21.45	--	--	--	--	520	14	2.3	<0.5	4.8	61
12/30/98	36.49	15.07	21.42	--	--	--	--	122	14.1	1.86	<1.0	3.61	349
03/31/99	36.49	21.29	15.20	--	--	--	*	20,300	4450	443	1000	2130	1320
06/14/99	36.49	14.69	21.80	--	--	--	--	1820	183	7.14	36.7	56.5	291
06/14/99	36.49	14.69	21.80	--	--	--	Confirmation run	--	--	--	--	--	280**
09/30/99	36.49	16.68	19.81	--	--	--	--	1030	11.6	2.14	29.2	68.7	91.5

* See Table of Additional Analyses.

** Samples were analyzed past hold-time, the results should be considered as estimated.

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.		Depth To Water	Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)					
	Well Head Elev.	Ground Water Elev.		SPH Thickness	SPH Removed	Total SPH Removed		TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	MTBE
C-5													
08/27/90	35.50	5.67	29.83	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/14/90	35.50	4.94	30.56	--	--	--	--	--	--	--	--	--	--
06/18/91	35.50	6.98	28.52	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	35.50	5.99	29.51	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	35.50	5.54	29.96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	35.50	9.58	25.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	35.50	7.50	28.00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	35.50	6.85	28.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/93	35.50	9.48	26.02	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	35.50	11.46	24.04	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	35.50	10.29	25.21	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	38.50	12.14	26.36	--	--	--	--	60	10	8.1	1.9	9.4	--
01/28/94	38.50	12.60	25.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	38.50	14.00	24.50	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	38.50	14.10	24.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	38.50	13.34	25.16	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	38.50	15.61	22.89	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	38.50	19.96	18.54	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	38.50	18.37	20.13	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	38.50	14.16	24.34	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	38.50	14.40	24.10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/21/96	38.50	20.10	18.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	38.50	18.23	20.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	8.7
06/06/96	38.50	16.60	21.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	38.50	17.35	21.15	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	38.50	18.66	19.84	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	38.50	16.90	21.60	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	38.50	10.67	27.83	--	--	--	Sampled annually	--	--	--	--	--	--
12/11/97	38.50	17.50	21.00	--	--	--	--	--	--	--	--	--	--
03/12/98	38.50	22.08	16.42	--	--	--	*	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	38.50	21.52	16.98	--	--	--	--	--	--	--	--	--	--
09/01/98	38.50	18.08	20.42	--	--	--	--	--	--	--	--	--	--
12/30/98	38.50	17.71	20.79	--	--	--	--	--	--	--	--	--	--
03/31/99	38.50	21.45	17.05	--	--	--	*	<50	<0.5	<0.5	<0.5	<0.5	15
06/14/99	38.50	21.02	17.48	--	--	--	--	--	--	--	--	--	--
09/30/99	38.50	19.77	18.73	--	--	--	--	--	--	--	--	--	--

* See Table of Additional Analyses.

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	Analytical results are in parts per billion (ppb)					
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-6													
08/27/90	32.40	-11.71	44.11	--	--	--	--	7200	2100	6.0	41	300	--
11/14/90	32.40	-11.63	44.03	--	--	--	--	--	--	--	--	--	--
06/18/91	32.40	-11.09	43.49	--	--	--	--	4400	2500	18	160	77	--
09/19/91	32.40	-1.92	34.32	--	--	--	--	3100	1600	8.3	73	8.0	--
12/20/91	32.40	-8.95	41.35	--	--	--	--	4400	1300	3.2	74	10	--
03/18/92	32.40	-8.29	40.69	--	--	--	--	9800	3200	34	250	500	--
07/14/92	32.40	-6.49	38.89	--	--	--	--	6500	2200	100	96	240	--
10/08/92	32.40	-6.27	38.67	--	--	--	--	1800	1000	3.1	15	41	--
01/08/93	32.40	-5.41	37.81	--	--	--	--	5200	1600	6.8	63	120	--
04/14/93	32.40	-2.30	34.70	--	--	--	--	11,000	1800	13	110	200	--
07/16/93	32.40	-1.47	33.87	--	--	--	--	4800	820	10	41	57	--
09/21/93	35.40	1.42	33.98	--	--	--	--	4100	1200	<50	75	130	--
01/28/94	35.40	1.54	33.86	--	--	--	--	3100	930	14	40	34	--
03/17/94	35.40	3.09	32.31	--	--	--	--	5100	950	18	61	83	--
06/16/94	35.40	3.90	31.50	--	--	--	--	3800	970	6.4	52	62	--
09/22/94	35.40	4.18	31.22	--	--	--	--	4100	980	7.8	43	48	--
12/15/94	35.40	4.00	31.40	--	--	--	--	5000	1400	<20	73	61	--
03/30/95	35.40	9.02	26.38	--	--	--	--	5500	1700	<13	120	97	--
06/20/95	35.40	10.39	25.01	--	--	--	--	1700	470	<10	29	16	--
09/20/95	35.40	11.35	24.05	--	--	--	--	3500	770	<5.0	45	17	--
12/06/95	35.40	7.28	28.12	--	--	--	--	3100	710	<10	41	20	<50
03/21/96	35.40	12.28	23.12	--	--	--	--	1400	330	<2.5	15	8.1	19
06/21/96	35.40	11.90	23.50	--	--	--	--	2200	560	<5.0	18	<5.0	77
09/06/96	35.40	10.57	24.83	--	--	--	--	2800	720	<10	13	<10	160
12/19/96	35.40	10.90	24.50	--	--	--	--	830	320	<2.5	<2.5	<2.5	14
03/17/97	35.40	12.81	22.59	--	--	--	--	2200	500	<10	25	<10	<50
06/11/97	35.40	11.64	23.76	--	--	--	--	3000	570	<5.0	29	10	220
09/17/97	35.40	10.66	24.74	--	--	--	*	1400	330	<5.0	<5.0	<5.0	76
12/11/97	35.40	10.75	24.65	--	--	--	--	1600	230	<5.0	7.3	6.4	46
03/12/98	35.40	8.28	27.12	--	--	--	*	980	300	<5.0	15	12	49
06/23/98	35.40	7.48	27.92	--	--	--	ORC Installed	220	35	<0.5	2.5	1.1	<2.5
09/01/98	35.40	3.80	31.60	--	--	--	--	1800	370	2.8	19	4.8	44
12/30/98	35.40	3.58	31.82	--	--	--	--	1600	244	<1.0	8.53	<1.0	54.9

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* See Table of Additional Analyses.

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
C-6 (CONT'D)													
03/31/99	35.40	9.34	26.06	--	--	--	*	741	92.2	<1.0	6.60	<1.0	27.9
06/14/99	35.40	5.72	29.68	--	--	--	--	434	110	<1.0	5.76	1.46	13
06/14/99	35.40	5.72	29.68	--	--	--	Confirmation run	--	--	--	--	--	6.96**
09/30/99	35.40	12.34	23.06	--	--	--	--	481	92.7	<1.0	3.69	<1.0	32.9

* See Table of Additional Analyses.

** Samples were analyzed past hold-time, the results should be considered as estimated.

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
	Head Elev.	Water Elev.	To Water	SPH Thickness	SPH Removed	SPH Removed							
C-7													
08/27/90	32.17	-12.06	44.23	--	--	--	--	110	26	0.8	4.0	6.0	--
11/14/90	32.17	-11.94	44.11	--	--	--	--	--	--	--	--	--	--
06/18/91	32.17	-9.88	42.05	--	--	--	--	23,000	5700	420	1000	2800	--
09/19/91	32.17	-9.55	41.72	--	--	--	--	26,000	4600	330	970	2400	--
12/20/91	32.17	-9.50	41.67	--	--	--	--	33,000	5500	270	1000	2100	--
03/18/92	32.17	-9.03	41.20	--	--	--	--	27,000	5800	410	1300	3300	--
07/14/92	32.17	-7.60	39.77	--	--	--	--	46,000	12,000	720	1700	4600	--
10/08/92	32.17	-6.97	39.14	--	--	--	--	22,000	6800	370	1300	3200	--
01/08/93	32.17	-6.33	38.50	--	--	--	--	36,000	7600	540	1700	4200	--
04/14/93	32.17	-3.76	35.93	--	--	--	--	23,000	3100	450	670	1900	--
07/16/93	32.17	-3.21	35.38	--	--	--	--	19,000	3200	330	550	1800	--
09/21/93	35.19	-0.27	35.46	--	--	--	--	17,000	2700	160	410	760	--
01/28/94	35.19	-0.26	35.45	--	--	--	--	14,000	1800	210	390	1000	--
03/17/94	35.19	1.95	33.24	--	--	--	--	17,000	1600	210	410	1200	--
06/16/94	35.19	2.12	33.07	--	--	--	--	12,000	1600	180	410	1200	--
09/22/94	35.19	2.45	32.74	--	--	--	--	10,000	1700	110	320	580	--
12/15/94	35.19	3.27	31.92	--	--	--	--	10,000	1200	120	280	710	--
03/30/95	35.19	7.59	27.60	--	--	--	--	4600	460	73	160	460	--
06/20/95	35.19	7.32	27.87	--	--	--	--	26,000	4400	450	900	2400	--
09/20/95	35.19	7.11	28.08	--	--	--	--	9400	610	81	250	800	--
12/06/95	35.19	4.57	30.62	--	--	--	--	1200	110	12	25	71	34
03/21/96	35.19	7.34	27.85	--	--	--	--	17,000	1300	160	410	1300	<100
06/21/96	35.19	7.77	27.42	--	--	--	--	14,000	1300	210	500	1700	590
09/06/96	35.19	6.84	28.35	--	--	--	--	15,000	3400	<50	460	850	<250
12/19/96	35.19	6.08	29.11	--	--	--	--	530	8.6	0.5	0.85	3.4	<2.5
03/17/97	35.19	8.05	27.14	--	--	--	--	4600	310	46	110	310	98
06/11/97	35.19	7.14	28.05	--	--	--	--	420	15	<0.5	3.3	5.1	<2.5
09/17/97	35.19	6.19	29.00	--	--	--	*	1400	120	11	31	84	54
12/11/97	35.19	5.93	29.26	--	--	--	--	210	10	<0.5	0.97	1.6	<2.5
03/12/98	35.19	10.27	24.92	--	--	--	*	68	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	35.19	9.89	25.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	35.19	8.92	26.27	--	--	--	--	570	24	1.4	8.4	22	24
12/30/98	35.19	8.67	26.52	--	--	--	--	<50	4.85	1.26	<0.5	1.29	167

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* See Table of Additional Analyses.

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
C-7 (CONT'D)													
03/31/99	35.19	10.43	24.76	--	--	--	*	53.1	<0.5	<0.5	<0.5	<0.5	<2.0
06/14/99	35.19	9.75	25.44	--	--	--	--	109	4.43	<0.5	<0.5	<0.5	<2.5
06/14/99	35.19	9.75	25.44	--	--	--	Confirmation run	--	--	--	--	--	<2.0**
09/30/99	35.19	8.32	26.87	--	--	--	--	2400	282	26.3	120	236	126

* See Table of Additional Analyses.

** Samples were analyzed past hold-time, the results should be considered as estimated.

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
C-8													
11/14/90	30.68	-12.61	43.29	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/18/91	30.68	-11.94	42.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	30.68	-11.04	41.72	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	30.68	-10.30	40.98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	30.68	-9.34	40.02	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	30.68	-8.34	39.02	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	30.68	-8.00	38.68	--	--	--	--	<50	<0.5	<0.5	<0.5	1.1	--
01/08/93	30.68	-7.39	38.07	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	30.68	-5.31	35.99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	30.68	-4.64	35.32	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	34.68	-0.62	35.30	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.8	--
01/28/94	34.68	-0.93	35.61	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	34.68	0.31	34.37	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	34.68	1.32	33.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	34.68	1.86	32.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	34.68	2.32	32.36	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	34.68	5.44	29.24	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	34.68	6.34	28.34	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	34.68	5.20	29.48	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	34.68	3.76	30.92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/21/96	34.68	6.03	28.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	34.68	6.78	27.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	34.68	5.98	28.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	34.68	4.98	29.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	34.68	6.92	27.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	34.68	5.87	28.81	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	34.68	5.32	29.36	--	--	--	Sampled annually	--	--	--	--	--	--
12/11/97	34.68	4.88	29.80	--	--	--	--	--	--	--	--	--	--
03/12/98	34.68	8.95	25.73	--	--	--	*	<50	<0.5	<0.5	<0.5	<0.5	2.6
06/23/98	34.68	8.38	26.30	--	--	--	--	--	--	--	--	--	--
09/01/98	34.68	8.17	26.51	--	--	--	--	--	--	--	--	--	--
12/30/98	34.68	7.79	26.89	--	--	--	--	--	--	--	--	--	--
03/31/99	34.68	8.32	26.36	--	--	--	*	<50	<0.5	<0.5	<0.5	<0.5	11.8
06/14/99	34.68	8.65	26.03	--	--	--	--	--	--	--	--	--	--
09/30/99	34.68	7.40	27.28	--	--	--	--	--	--	--	--	--	--

* See Table of Additional Analyses.

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
C-9													
08/13/96	--	--	28.27	--	--	--	--	ND	ND	ND	ND	ND	ND
09/06/96	--	--	28.47	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	30.68	1.39	29.29	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	30.68	3.11	27.57	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	30.68	2.41	28.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	30.68	2.05	28.63	--	--	--	Sampled annually	--	--	--	--	--	--
12/11/97	30.68	1.25	29.43	--	--	--	--	--	--	--	--	--	--
03/12/98	30.68	5.06	25.62	--	--	--	*	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	30.68	4.53	26.15	--	--	--	--	--	--	--	--	--	--
09/01/98	30.68	4.30	26.38	--	--	--	--	--	--	--	--	--	--
12/30/98	30.68	3.93	26.75	--	--	--	--	--	--	--	--	--	--
03/31/99	30.68	5.35	25.33	--	--	--	*	<50	<0.5	<0.5	<0.5	<0.5	12.5
06/14/99	30.68	4.16	26.52	--	--	--	--	--	--	--	--	--	--
09/30/99	30.68	3.89	26.79	--	--	--	--	--	--	--	--	--	--

* See Table of Additional Analyses.

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
TRIP BLANK													
04/28/89	--	--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/08/89	--	--	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/27/90	--	--	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/14/90	--	--	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/18/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.8	--
01/28/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/96	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/97	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/12/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/30/98	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
03/31/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
06/14/99	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Cumulative Table of Well Data and Analytical Results

ADDITIONAL ANALYSES

Analytical values are in parts per million (ppm) unless otherwise noted

DATE	Notes	Total		Nitrate as Nitrate	Sulfate	D.O.		ORP		
		Alkalinity mg CaCO ₃ /L	Ferrous Iron			Pre-Purge	Post-Purge	Pre-Purge	Post-Purge	
C-1										
09/17/97	--	2.0	1.1	<1.0	12	1.4	8.8	101	104	
03/12/98	--	550	3.0	<1.0	6.6	1.7	3.6	171	171	
03/31/99	--	382	2520*	0.418	8.23	6.5	1.8	99	89	
C-2										
09/17/97	--	560	4.7	<1.0	<1.0	1.3	--	150	--	
03/12/98	--	420	3.5	<1.0	<1.0	1.1	1.1	176	174	
03/31/99	--	456	2100*	0.118	19.7	1.5	1.6	151	157	
C-3										
09/17/97	--	340	0.012	100	33	2.1	0.8	59	67	
03/12/98	--	260	0.14	88	32	2.8	2.5	165	163	
03/31/99	--	256	<500*	18.4	72	4.1	3.3	101	89	
C-4										
09/17/97	--	540	5.9	<1.0	<1.0	0.6	0.2	102	107	
03/12/98	--	550	1.3	<1.0	2.7	1.5	2.6	173	175	
03/31/99	--	492	1560*	0.191	<1.0	1.8	2.2	170	176	
C-5										
03/12/98	--	210	0.074	69	74	1.7	1.9	70	169	
03/31/99	--	254	<500*	16.7	69.7	12.8	6.7	92	97	
C-6										
09/17/97	--	620	1.1	<1.0	18	1.5	1.2	-57	-48	
03/12/98	--	200	0.11	14	14	14.1	11.3	173	174	
03/31/99	--	534	<500*	0.849	45.3	9.8	8.4	162	168	

* (ppb) Parts per billion.

Cumulative Table of Well Data and Analytical Results

ADDITIONAL ANALYSES

Analytical values are in parts per million (ppm) unless otherwise noted

DATE	Notes	Total		Nitrate as Nitrate	Sulfate	D.O.		ORP		
		Alkalinity mg CaCO ₃ /L	Ferrous Iron			Pre-Purge	Post-Purge	Pre-Purge	Post-Purge	
C-7										
09/17/97	--	600	4.8	<1.0	18	0.6	0.4	126	115	
03/12/98	--	460	0.16	<1.0	29	2.2	2.1	167	167	
03/31/99	--	486	<500*	<0.1	29.4	2.0	1.8	137	135	
C-8										
03/12/98	--	110	0.16	7.4	8.2	1.0	1.1	171	169	
03/31/99	--	264	<500*	17	71	1.8	1.5	149	132	
C-9										
03/12/98	--	230	0.048	59	58	2.5	2.5	172	168	
03/31/99	--	236	<500*	18	72.7	2.1	2.3	154	142	

* (ppb) Parts per billion.

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

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl t-Butyl Ether

ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.

D.O. = Dissolved Oxygen

O.R.P. = Oxydation Reduction Potential

Analytical Appendix



October 20, 1999

Scott Boor
Blaine Tech Services (Chev)
1680 Rogers Avenue
San Jose, CA 95112

RE: Chevron 9-0076/M910053

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on October 1, 1999. Chromatograms for unidentified hydrocarbons are included in this report. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wendy Bonnes
Project Manager

CA ELAP Certificate Number 1210





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0076 (4265 Foothill Blvd., Oakland) Project Number: 990930-C2 Project Manager: Scott Boor	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/20/99
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ANALYTICAL REPORT FOR M910053

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
C-1	M910053-01	Water	9/30/99
C-2	M910053-02	Water	9/30/99
C-3	M910053-03	Water	9/30/99
C-4	M910053-04	Water	9/30/99
C-6	M910053-05	Water	9/30/99
C-7	M910053-06	Water	9/30/99





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0076 (4265 Foothill Blvd., Oakland) Project Number: 990930-C2 Project Manager: Scott Boor	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/20/99
---	--	---

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
				<u>M910053-01</u>			<u>Water</u>	
C-1								
Purgeable Hydrocarbons	9100424	10/14/99	10/14/99		50.0	79.0	ug/l	1
Benzene	"	"	"		0.500	1.12	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	1.07	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		50.0	677	"	D
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		114	%	
				<u>M910053-02</u>			<u>Water</u>	
C-2								
Purgeable Hydrocarbons	9100346	10/12/99	10/12/99		10000	22100	ug/l	2,D
Benzene	"	"	"		100	623	"	D
Toluene	"	"	"		100	ND	"	D
Ethylbenzene	"	"	"		100	529	"	D
Xylenes (total)	"	"	"		100	1250	"	D
Methyl tert-butyl ether	"	"	"		500	2430	"	D
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		92.5	%	
				<u>M910053-03</u>			<u>Water</u>	
C-3								
Purgeable Hydrocarbons	9100346	10/12/99	10/12/99		50.0	79.2	ug/l	2
Benzene	"	"	"		0.500	3.04	"	
Toluene	"	"	"		0.500	0.794	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	1.04	"	
Methyl tert-butyl ether	"	"	"		2.50	6.17	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		104	%	
				<u>M910053-04</u>			<u>Water</u>	
C-4								
Purgeable Hydrocarbons	9100346	10/12/99	10/12/99		50.0	1030	ug/l	2
Benzene	"	"	"		0.500	11.6	"	
Toluene	"	"	"		0.500	2.14	"	
Ethylbenzene	"	"	"		0.500	29.2	"	
Xylenes (total)	"	"	"		0.500	68.7	"	
Methyl tert-butyl ether	"	"	"		2.50	91.5	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		117	%	
				<u>M910053-05</u>			<u>Water</u>	
C-6								
Purgeable Hydrocarbons	9100424	10/14/99	10/14/99		100	481	ug/l	1,D
Benzene	"	"	"		1.00	92.7	"	D
Toluene	"	"	"		1.00	ND	"	D
Ethylbenzene	"	"	"		1.00	3.69	"	D
Xylenes (total)	"	"	"		1.00	ND	"	D





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0076 (4265 Foothill Blvd., Oakland) Project Number: 990930-C2 Project Manager: Scott Boor	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/20/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill**

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
C-6 (continued)				M910053-05			Water	
Methyl tert-butyl ether	9100424	10/14/99	10/14/99		5.00	32.9	ug/l	D
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		107	%	
C-7				M910053-06			Water	
Purgeable Hydrocarbons	9100346	10/12/99	10/12/99		500	2400	ug/l	2,D
Benzene	"	"	"		5.00	282	"	D
Toluene	"	"	"		5.00	26.3	"	D
Ethylbenzene	"	"	"		5.00	120	"	D
Xylenes (total)	"	"	"		5.00	236	"	D
Methyl tert-butyl ether	"	"	"		25.0	126	"	D
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		82.8	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0076 (4265 Foothill Blvd., Oakland) Project Number: 990930-C2 Project Manager: Scott Boor	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/20/99
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9100346		Date Prepared: 10/12/99			Extraction Method: EPA 5030B [P/T]					
Blank		9100346-BLK1								
Purgeable Hydrocarbons	10/12/99			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	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.5	"	70.0-130	105			
LCS		9100346-BS1								
Purgeable Hydrocarbons	10/12/99	250		235	ug/l	70.0-130	94.0			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.59	"	70.0-130	85.9			
Matrix Spike		9100346-MS1 M910040-12								
Purgeable Hydrocarbons	10/12/99	250	ND	222	ug/l	60.0-140	88.8			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		7.90	"	70.0-130	79.0			
Matrix Spike Dup		9100346-MSD1 M910040-12								
Purgeable Hydrocarbons	10/12/99	250	ND	229	ug/l	60.0-140	91.6	25.0	3.10	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.67	"	70.0-130	86.7			
Batch: 9100424		Date Prepared: 10/14/99			Extraction Method: EPA 5030B [P/T]					
Blank		9100424-BLK1								
Purgeable Hydrocarbons	10/14/99			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	"	2.50				
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.2	"	70.0-130	112			
LCS		9100424-BS1								
Purgeable Hydrocarbons	10/14/99	250		273	ug/l	70.0-130	109			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		11.3	"	70.0-130	113			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron 9-0076 (4265 Foothill Blvd., Oakland) Project Number: 990930-C2 Project Manager: Scott Boor	Sampled: 9/30/99 Received: 10/1/99 Reported: 10/20/99
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Notes and Definitions

#	Note
D	Data reported from a dilution.
1	Chromatogram Pattern: Unidentified Hydrocarbons C6-C12
2	Chromatogram Pattern: Gasoline C6-C12
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



Chromatogram

Sample Name : M910053-1RE

FileName : S:\GHP_02\1017\014a010.raw

Method : TPH

Start Time : 0.00 min

End Time : 20.50 min

Scale Factor: -1.0

Plot Offset: 11 mV

Sample #: C1

Date : 10/21/99 16:44

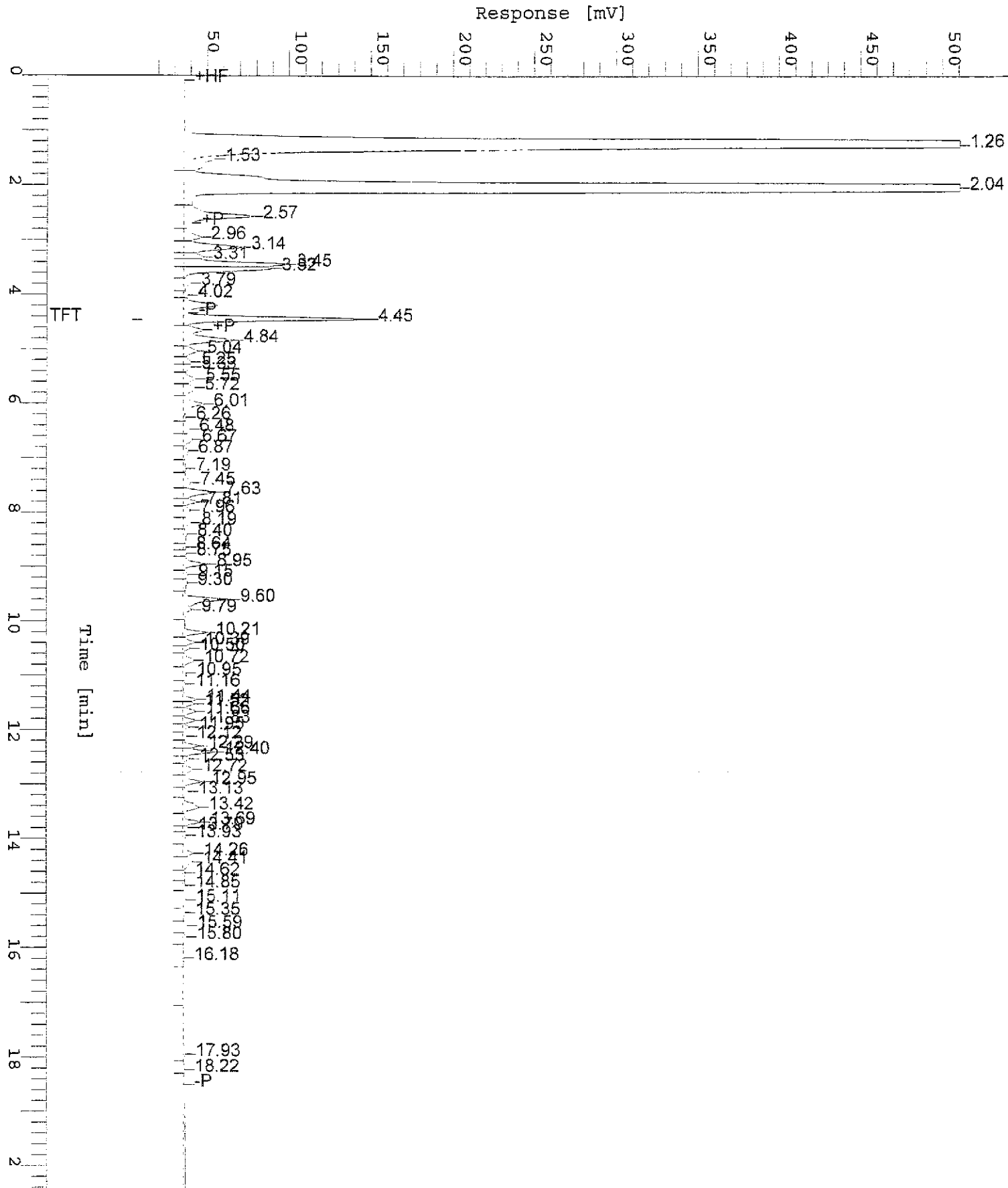
Time of Injection: 10/14/99 13:23

Low Point : 10.72 mV

High Point : 510.72 mV

Plot Scale: 500.0 mV

Page 1 of 1



Chromatogram

Sample Name : M910053-5RE

Sample #: C6

Page 1 of 1

FileName : S:\GHP_02\1017\014a013.raw

Date : 10/21/99 16:44

Method : TPH

Time of Injection: 10/14/99 14:40

Start Time : 0.00 min

End Time : 20.50 min

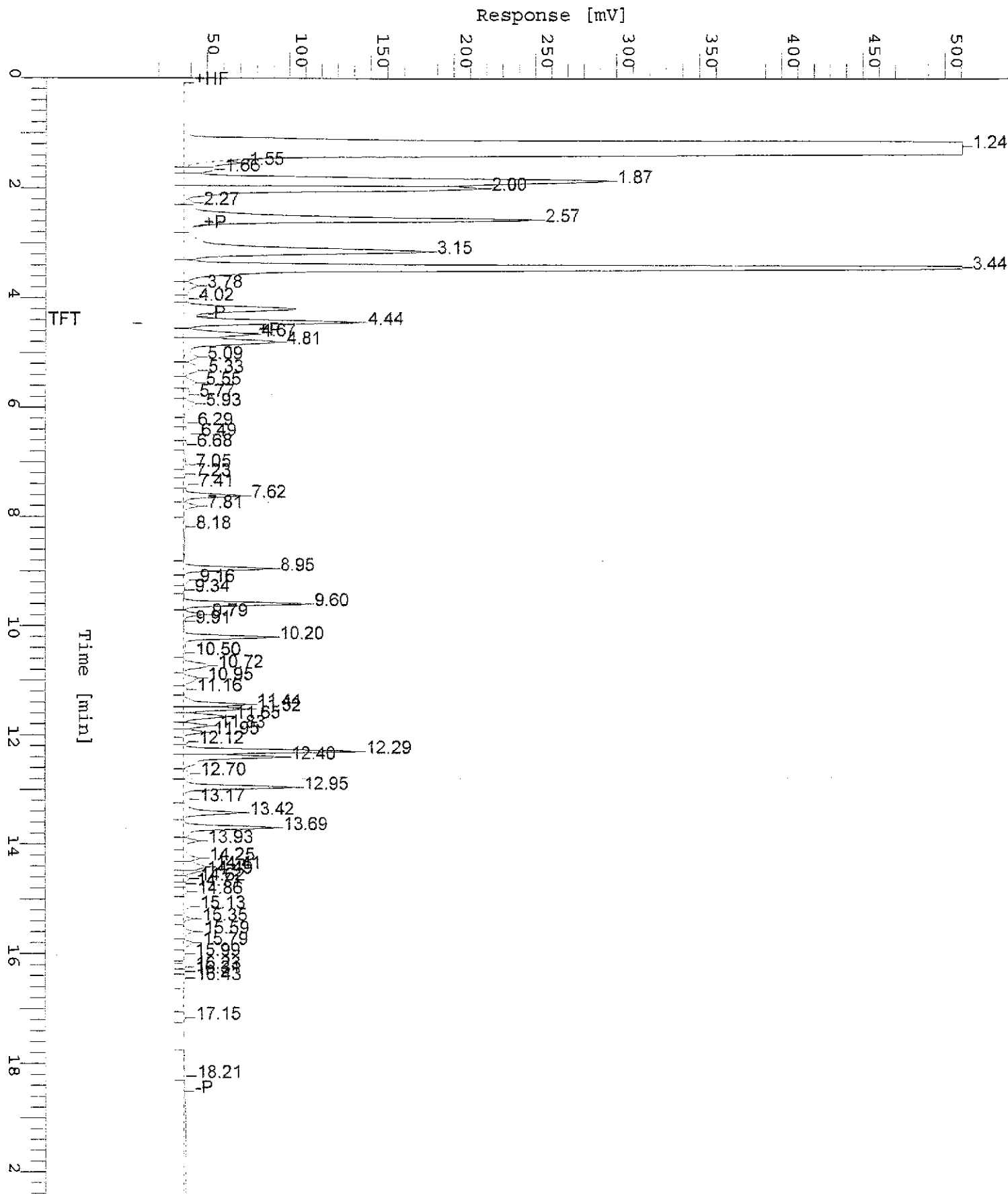
Low Point : 10.82 mV

High Point : 510.82 mV

Scale Factor: -1.0

Plot Offset: 11 mV

Plot Scale: 500.0 mV



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

Chain-of-Custody-Record

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

Chevron Facility Number 9-0076
Facility Address 4265 Foothill Blvd., Oakland
Consultant Project Number 990930-C2
Consultant Name BLAINE TECH SERVICE, INC.
Address 1680. ROGERS AVE., SAN JOSE
Project Contact (Name) CHRISTINE LILLIE
(Phone) 408-573-0555 (Fax Number) 408-573-7771

Chevron Contact (Name) PHIL BRIGGS
(Phone) (925) 842-9136
Laboratory Name SEQUOIA
Laboratory Service Order 9144488 M910053
Laboratory Service Code ZZ02800
Samples Collected by (Name) Malcolm Sawyer
Signature [Signature]

State Method: CA OR WA NW Series CO UT

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	State Method: <input type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT														Remarks		
					BTEX/MTBE+TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Hydrocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCD	TPH-O Extended				
C-1 ✓	3	W	HCL	9-30-99 1615	X																Lab Sample No. 01
C-2 ✓				1650	X																02
C-3 ✓				1440	X																03
C-4 ✓				1630	X																04 10 47
C-6 ✓				1555	X																05
C-7 ✓				1535	X																06

Refringulated By (Signature) <u>[Signature]</u>	Organization <u>BTS</u>	Date/Time <u>10/1/99</u>	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>10/1/99</u>	Iced Y/N	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
Refringulated By (Signature) <u>[Signature]</u>	Organization	Date/Time	Received By (Signature) <u>[Signature]</u>	Organization	Date/Time <u>10/1/99</u>	Iced Y/N	
Refringulated By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N	

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>990930-C2</u>	Station #: <u>9-0076</u>
Sampler: <u>Malcolm</u>	Date: <u>9/30/99</u>
Well I.D.: <u>C-1</u>	Well Diameter: 2 <u>3</u> 4 6 8 _____
Total Well Depth: <u>39.05</u>	Depth to Water: <u>16.11</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: <u>Bailer</u> <u>Disposable Bailer</u> <u>Middleburg</u> <u>Electric Submersible</u> <u>Extraction Pump</u>	Sampling Method: <u>Bailer</u> <u>Disposable Bailer</u> <u>Extraction Port</u> Other: _____
---	--

Other: _____

<u>8.5</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>25.5</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1602	71.9	7.1	1043	9	
1604	72.1	7.0	1035	17	
1607	71.8	6.9	1028	26	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: <u>26</u>	
Sampling Time: <u>1615</u>	Sampling Date: <u>9/30/99</u>	
Sample I.D.: <u>C-1</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 #: 990930-C2	Station #: 9-0076
Sampler: Malcolm	Date: 9/30/99
Well I.D.: C-2	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 36.29	Depth to Water: 22.97
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.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1642	73.7	7.3	1261	5	
1643	72.4	7.2	1247	10	
1644	72.9	7.2	1243	15	

Did well dewater? Yes No Gallons actually evacuated: 15

Sampling Time: 1650 Sampling Date: 9/30/99

Sample I.D.: C-2 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: _____

Duplicate I.D.: _____ Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 990930-C2	Station #: 9-0076
Sampler: Malcolm	Date: 9/30/99
Well I.D.: C-3	Well Diameter: 2 (3) 4 6 8
Total Well Depth: 39.47	Depth to Water: 21.19
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 Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Middleburg Extraction Port

~~Electric Submersible~~ Other: _____

Extraction Pump

Other: _____

6.7	x	3	=	20.1	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1431	72.6	7.2	886	7	
1432	71.7	6.8	1156	14	
1433	71.6	6.9	1183	21	

Did well dewater? Yes No Gallons actually evacuated: 21

Sampling Time: 1440 Sampling Date: 9/30/99

Sample I.D.: C-3 Laboratory: Sequoia CORE N. Creek Assoc. Labs

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

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

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

CHEVRON WELL MONITORING DATA SHEET

Project #: 990930-C2	Station #: 9-0076
Sampler: Malcolm	Date: 9/30/99
Well I.D.: C-4	Well Diameter: 2 <input checked="" type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/>
Total Well Depth: 39.44	Depth to Water: 19.81
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: _____

72	x	3	=	21.6	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1623	71.1	7.2	891	8	
1625	71.2	8.3	1098	15	
1626	71.3	8.2	1102	22	

Did well dewater? Yes No Gallons actually evacuated: 22

Sampling Time: 1630 Sampling Date: 9/30/99

Sample I.D.: C-4 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 #: 990930-C2	Station #: 9-0076
Sampler: Malcolm	Date: 9/30/99
Well I.D.: C-6	Well Diameter: <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 _____
Total Well Depth: 54.28	Depth to Water: 23.06
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> PVC <input type="radio"/> Grade	D.O. Meter (if req'd): <input type="checkbox"/> YSI <input type="checkbox"/> 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: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input checked="" type="checkbox"/> <u>Middleburg</u> <input type="checkbox"/> Electric Submersible <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> <u>Disposable Bailer</u> <input type="checkbox"/> Extraction Port Other: _____
---	--

5	x	3	=	15	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1543	71.5	7.0	1125	5	
1548	69.1	7.0	1107	10	
1553	68.5	7.0	1092	15	

Did well dewater? Yes <input checked="" type="radio"/> No	Gallons actually evacuated: 15
Sampling Time: 1635 1555	Sampling Date: 9/30/99
Sample I.D.: C-6	Laboratory: <u>Sequoia</u> CORE N. Creek Assoc. Labs
Analyzed for: <input checked="" type="checkbox"/> TPH-G <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input type="checkbox"/> TPH-D Other:	
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D Other:
D.O. (if req'd):	Pre-purge: <input type="text"/> mg/L Post-purge: <input type="text"/> mg/L
O.R.P. (if req'd):	Pre-purge: <input type="text"/> mV Post-purge: <input type="text"/> mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 990930-C2	Station #: 9-0076
Sampler: Matcolm	Date: 9/30/99
Well I.D.: C-7	Well Diameter: (2) 3 4 6 8
Total Well Depth: 54.25	Depth to Water: 26.87
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 Sampling Method: Bailer

Disposable Bailer Disposable Bailer

Middleburg Extraction Port

Electric Submersible Other: _____

Extraction Pump

Other: _____

4.3	X	3	=	12.9	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1515	71.8	7.0	1129	5	
1519	71.9	7.0	1118	9	
1523	69.8	6.9	1112	13	

Did well dewater? Yes No Gallons actually evacuated: 13

Sampling Time: 1525 Sampling Date: 9/30/99

Sample I.D.: C-7 Laboratory: Sequoia CORE N. Creek Assoc. Labs

Analyzed for: TPH-G BTEX MIBE TPH-D Other: _____

Duplicate I.D.: _____ Analyzed for: TPH-G BTEX MIBE 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