ENVIRONMENTAL PROTECTION

00 APR 11 PM 4:00

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) 842-8370

Date: 3-27-00

To: Distribution

Re: Groundwater Monitoring Report, 9-0329

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) 842-8695.

Sincerely,

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

March 27, 2000

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

1st Quarter 2000 Monitoring at 9-0329

First Quarter 2000 Groundwater Monitoring at
Chevron Service Station Number 9-0329
340 Highland Ave.
Piedmont, CA

Monitoring Performed **on January 17, 2000**

Groundwater Sampling Report **000117-U-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,

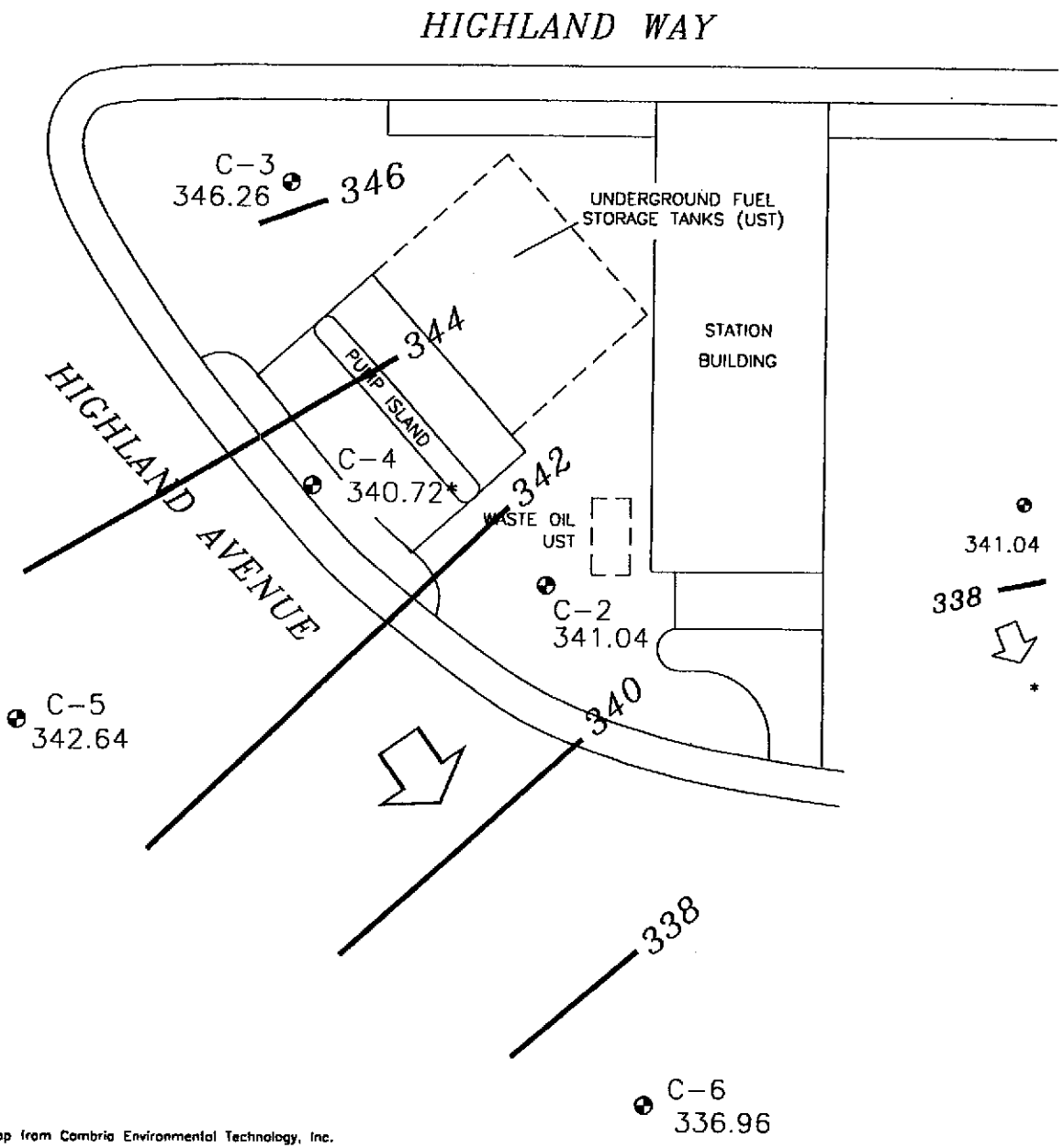
Scott Boor
Project Coordinator

SDB/pb

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

cc: **Scott Seery, Alameda County Health Care Services**
Chuck Headlee, RWQCB-S.F. Bay Region
Frank Hoffman, Hoffman Investment Company
Mir Ghafari & Fred Manoucheri, Service Station
Suzanne McClurkin-Nelson, Pacific Environmental Group/ IT Corp.
Greg Gurss, Gettler-Ryan, Inc.
Anne Payne, Chevron (w/o enclosure)

Professional Engineering Appendix



EXPLANATION

- ⊕ MONITORING WELL
- 341.04 GROUNDWATER ELEVATION (FT, MSL)
- 338 GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.05
- * DATA NOT USED IN CONTOURING

Basemap from Cambria Environmental Technology, Inc.

PREPARED BY

RRM
engineering contracting firm

Chevron Station 9-0329
340 Highland Avenue
Piedmont, California

GROUNDWATER ELEVATION CONTOUR MAP, JANUARY 17, 2000

FIGURE:
1
PROJECT:
DAC04

Table of
Well Data and
Analytical Results

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-2										
08/07/89	94.19	91.33	2.88	--	34,000	580	60	170	270	--
11/15/89	94.19	91.39	2.80	--	8100	500	36	420	180	--
02/01/91	94.19	90.41	3.75	--	6800	490	21	310	86	--
04/16/91	94.19	91.64	2.55	--	9600	810	43	550	270	--
10/16/91	94.19	90.67	3.52	--	7100	320	23	200	60	--
01/08/92	94.19	90.04	4.15	--	2400	190	9.0	83	22	--
04/10/92	94.19	91.23	2.96	--	6600	550	33	340	170	--
07/14/92	94.19	91.36	2.83	--	9000	680	330	580	690	--
10/05/92	94.19	89.81	4.38	--	5500	250	17	130	82	--
01/06/93	94.19	90.25	3.94	--	5500	190	32	41	54	--
03/29/93	94.19	92.10	2.09	--	19,000	670	40	180	370	--
07/02/93	94.19	92.10	2.09	--	8000	1100	41	420	500	--
10/11/93	94.19	91.43	2.76	--	42,000	940	34	140	87	--
01/10/94	94.19	89.37	4.82	--	12,000	770	20	220	74	--
04/06/94	94.19	91.70	2.49	--	40,000	820	33	190	110	--
07/06/94	94.19	91.72	2.47	--	8800	870	28	140	95	--
11/11/94	94.19	91.32	2.87	--	8600	460	81	180	120	--
01/06/95	94.19	91.64	2.55	--	15,000	880	48	270	140	--
04/13/95	94.19	92.13	2.06	--	56,000	2500	130	730	360	--
07/25/95	94.19	92.05	2.14	--	11,000	1000	34	540	160	--
10/05/95	94.19	91.68	2.51	--	13,000	1000	<20	160	170	--
01/02/96	94.19	91.97	2.22	--	9500	1300	<50	380	87	64,000
04/11/96	94.19	92.27	1.92	--	<10,000	1300	<100	<100	<100	74,000
07/08/96	94.19	92.14	2.05	--	<20,000	1200	<200	<200	<200	110,000
10/03/96	94.19	91.90	2.29	--	<25,000	1200	<250	<250	<250	140,000
01/23/97	343.39	341.49	1.90	--	20,000	1100	<200	460	<200	110,000
02/14/97	343.39	341.42	1.97	Confirmation run	--	--	--	--	--	150,000
04/08/97	343.39	341.12	2.27	--	<50,000	1100	<500	<500	<500	160,000
07/09/97	343.39	341.41	1.98	--	<50,000	1300	<500	<500	<500	210,000
10/08/97	343.39	341.09	2.30	--	18,000	1400	<50	300	95	160,000
01/22/98	343.39	341.71	1.68	--	10,000	860	10	140	37	70,000
04/15/98	343.39	342.19	1.20	--	<10,000	1400	<100	510	<100	46,000
07/09/98	343.39	341.92	1.47	--	33,000	1700	<50	650	<50	120,000
10/02/98	343.39	341.26	2.13	--	11,000	920	11	130	76	100,000

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-2 (CONT'D)										
01/18/99	343.39	341.55	1.84	--	<25,000	1770	<250	<250	<250	48,400
01/18/99	343.39	341.55	1.84	Confirmation run	--	--	--	--	--	78,300
04/19/99	343.39	342.22	1.17	--	9900	1110	26.6	455	82	33,300
09/28/99	343.39	340.58	2.81	--	11,500	1100	<50	93.9	53.1	26,200
10/27/99	343.39	340.41	2.98	--	9440	711	<20	74.9	42.4	17,500
01/17/00	343.39	341.04	2.35	--	12,200	813	<50	133	<50	21,200

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-3										
08/07/89	97.65	93.36	4.29	--	<50	<0.5	<1.0	<1.0	<3.0	--
11/15/89	97.65	92.48	5.17	--	<500	<0.5	2.8	<0.5	1.1	--
02/01/91	97.65	91.27	6.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/16/91	97.65	93.93	3.72	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/16/91	97.65	89.45	8.20	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/92	97.65	90.97	6.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/10/92	97.65	93.15	4.50	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	97.65	91.44	6.21	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/92	97.65	88.34	9.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/93	97.65	94.24	3.41	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/93	97.65	97.15	0.50	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/02/93	97.65	95.06	2.59	--	<50	<0.5	<0.5	<0.5	0.8	--
10/11/93	97.65	92.75	4.90	--	<50	4.0	3.0	<0.5	3.0	--
01/10/94	97.65	93.26	4.39	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/06/94	97.65	94.97	2.68	--	<50	<0.5	1.0	<0.5	0.8	--
07/06/94	97.65	95.55	2.10	--	<50	<0.5	1.0	0.7	4.5	--
11/11/94	97.65	96.42	1.23	--	<50	2.2	4.1	<0.5	2.8	--
01/06/95	97.65	97.05	0.60	--	<50	<0.5	0.8	<0.5	<0.5	--
04/13/95	97.65	97.05	0.60	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/95	97.65	96.00	1.65	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/95	97.65	94.02	3.63	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	97.65	94.53	3.12	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/11/96	97.65	96.83	0.82	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/96	97.65	96.15	1.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96	97.65	95.17	2.48	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/23/97	347.08	346.87	0.21	--	<50	<0.5	<0.5	<0.5	<0.5	3.2
04/08/97	347.08	346.33	0.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/97	347.08	345.61	1.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/08/97	347.08	345.04	2.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-3 (CONT'D)										
01/22/98	347.08	347.08	0.00	Flooded	<50	<0.5	<0.5	<0.5	<0.5	40
04/15/98	347.08	347.08	0.00	Flooded	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/13/98	347.20*	--	--	--	--	--	--	--	--	--
07/09/98	347.20	346.73	0.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/02/98	347.20	346.22	0.98	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
01/18/99	347.20	346.43	0.77	--	<50	<0.5	<0.5	<0.5	<1.5	<2.0
04/19/99	347.20	346.67	0.53	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/19/99	347.20	346.39	0.81	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	347.20	345.73	1.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/17/00	347.20	346.26	0.94	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

* Well head elevation adjusted due to broken top of casing.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-4										
08/07/89	95.60	--	--	Dry	--	--	--	--	--	--
11/15/89	95.60	90.65	4.95	--	1300	2.9	310	0.5	2.9	--
02/01/91	95.60	90.82	4.78	--	72	<0.5	9.0	<0.5	<0.5	--
04/16/91	95.60	95.60	4.83	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/16/91	95.60	91.37	4.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/92	95.60	90.79	4.81	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/10/92	95.60	91.34	4.26	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	95.60	91.32	4.28	--	<50	<0.5	3.8	<0.5	<0.5	--
10/05/92	95.60	91.31	4.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/93	95.60	91.31	4.29	--	<50	0.7	<0.5	<0.5	<0.5	--
03/29/93	95.60	91.30	4.30	--	<50	0.5	1.0	<0.5	2.0	--
07/02/93	95.60	91.38	4.22	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/11/93	95.60	91.30	4.30	--	<50	0.6	<0.5	<0.5	<0.5	--
01/10/94	95.60	91.16	4.44	--	<50	0.7	3.0	<0.5	1.0	--
04/06/94	95.60	91.36	4.24	--	130	2.2	5.4	3.3	24	--
07/06/94	95.60	91.36	4.24	--	99	5.9	7.5	2.0	12	--
11/11/94	95.60	91.39	4.21	--	<50	<0.5	9.5	<0.5	<0.5	--
01/06/95	95.60	91.18	4.42	--	<50	0.7	1.0	<0.5	1.1	--
04/13/95	95.60	91.36	4.24	--	67	0.54	7.2	<0.5	1.1	--
07/25/95	95.60	91.36	4.24	--	390	<2.0	150	<2.0	<2.0	--
10/05/95	95.60	91.22	4.38	--	130	<0.5	66	<0.5	<0.5	--
01/02/96	95.60	91.34	4.26	--	<50	<0.5	<0.5	<0.5	<0.5	34
04/11/96	95.60	91.21	4.39	--	<50	<0.5	0.93	<0.5	<0.5	56
07/08/96	95.60	91.32	4.28	--	<50	<0.5	<0.5	<0.5	<0.5	21
10/03/96	95.60	91.38	4.22	--	80	<0.5	31	<0.5	<0.5	9.9
01/23/97	344.94	340.55	4.39	--	<50	<0.5	<0.5	<0.5	<0.5	23
04/08/97	344.94	340.69	4.25	--	87	<0.5	3.6	<0.5	1.7	7.0
07/09/97	344.94	340.73	4.21	--	93	<0.5	32	<0.5	<0.5	26
10/08/97	344.94	340.60	4.34	--	<50	<0.5	0.63	<0.5	<0.5	12

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Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-4 (CONT'D)										
01/22/98	344.94	340.68	4.26	--	<50	<0.5	4.3	<0.5	<0.5	10
04/15/98	344.94	343.93	1.01	Sampled biannually	--	--	--	--	--	--
07/09/98	344.94	340.69	4.25	--	<50	<0.5	<0.5	<0.5	<0.5	37
10/02/98	344.94	340.59	4.35	--	--	--	--	--	--	--
01/18/99	344.94	340.73	4.21	--	<50	<0.5	<0.5	<0.5	<0.5	25.4
04/19/99	344.94	342.63	2.31	--	--	--	--	--	--	--
07/19/99	344.94	343.41	1.53	*	10,000	1160	23	178	50.4	45,600
09/28/99	344.94	340.24	4.70	--	<50	<0.5	0.919	<0.5	<0.5	<2.5
10/27/99	344.94	343.68	1.26	--	--	--	--	--	--	--
01/17/00	344.94	340.72	4.22	--	<50	<0.5	21.4	<0.5	<0.5	4.6

* Anomalous results: Results for this sample are likely the result of a mislabeling of sample containers; results most closely resemble those of well C-2.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-5										
11/25/96	--	--	3.30	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/23/97	345.14	343.69	1.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/08/97	345.14	342.82	2.32	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/97	345.14	342.84	2.30	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/08/97	345.14	342.14	3.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/22/98	345.14	344.14	1.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/98	345.14	341.89	3.25	Sampled annually	--	--	--	--	--	--
07/09/98	345.14	344.94	0.20	--	--	--	--	--	--	--
10/02/98	345.14	342.82	2.32	--	--	--	--	--	--	--
01/18/99	345.14	343.01	2.13	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	345.14	343.07	2.07	--	--	--	--	--	--	--
07/19/99	345.14	342.72	2.42	--	--	--	--	--	--	--
10/27/99	345.14	342.77	2.37	--	--	--	--	--	--	--
01/17/00	345.14	342.64	2.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
C-6										
11/25/96	--	--	2.13	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/23/97	338.61	--	0.00	Flooded	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/08/97	338.61	--	0.00	Flooded	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/97	338.61	335.84	2.77	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/08/97	338.61	337.17	1.44	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/22/98	338.61	337.07	1.54	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/15/98	338.61	337.31	1.30	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/98	338.61	338.61	0.00	Flooded	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/02/98	338.61	335.81	2.80	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
01/18/99	338.61	337.32	1.29	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	338.61	337.30	1.31	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/19/99	338.61	337.05	1.56	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	338.61	337.16	1.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/17/00	338.61	336.96	1.65	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
Backfill Well: A										
08/07/89	--	--	2.10	--	1000	50	6.0	5.0	22	--
11/15/89	--	--	2.04	--	3700	98	2.1	4.3	55	--
02/01/91	--	--	3.05	--	36,000	1100	750	130	6100	--
04/16/91	--	--	2.01	--	8000	370	6.0	86	750	--
10/16/91	--	--	4.15	--	--	--	--	--	--	--
Backfill Well: B										
08/07/89	--	--	4.12	--	--	--	--	--	--	--
11/15/89	--	--	--	--	--	--	--	--	--	--
02/01/91	--	--	5.03	--	--	--	--	--	--	--
04/16/91	--	--	4.00	--	--	--	--	--	--	--
10/16/91	--	--	6.24	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet. Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
TRIP BLANK										
01/06/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/93	--	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--
07/02/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/11/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/10/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/06/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/06/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/11/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/06/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/13/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/11/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/08/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/03/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/08/97	--	--	--	--	<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
10/08/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/22/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/02/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/18/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/17/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on April 13, 1995.
Earlier field data and analytical results provided by Sierra Environmental.
Survey performed on March 20, 1997 by Ron Archer, Civil Engeneer Inc.

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
MTBE = Methyl t-butyl ether

Analytical Appendix

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

January 31, 2000

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

RE: Chevron 9-0329/M001544

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on January 18, 2000.
If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wendy Bonnes
Project Manager

CA ELAP Certificate Number 1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

Blaine Tech Services (Chev)	Project:	Chevron 9-0329 (340 Highland Ave., Piedmont)	Sampled:	1/17/00
1680 Rogers Avenue	Project Number:	00117-U1	Received:	1/18/00
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	1/31/00 12:53

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
C-2	M001544-01	Water	1/17/00
C-3	M001544-02	Water	1/17/00
C-4	M001544-03	Water	1/17/00
C-5	M001544-04	Water	1/17/00
C-6	M001544-05	Water	1/17/00
TB	M001544-06	Water	1/17/00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Wendy Bonnes, Project Manager

Sequoia Analytical

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Morgan Hill, CA 95037
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FAX (408) 782-6308

Blaine Tech Services (Chev)	Project:	Chevron 9-0329 (340 Highland Ave., Piedmont)	Sampled: 1/17/00
1680 Rogers Avenue	Project Number:	00117-U1	Received: 1/18/00
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/31/00 12:53

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*
C-2			**M001544-01**				**Water**	
Gasoline	0011184	1/27/00	1/27/00		5000	**12200**	ug/l	
Benzene	"	"	"		50.0	**813**	"	
Toluene	"	"	"		50.0	ND	"	
Ethylbenzene	"	"	"		50.0	**133**	"	
Xylenes (total)	"	"	"		50.0	ND	"	
Methyl tert-butyl ether	"	"	"		250	**21200**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*93.0*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*103*	"	
C-3			**M001544-02**				**Water**	
Gasoline	0011184	1/27/00	1/27/00		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*105*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*100*	"	
C-4			**M001544-03**				**Water**	
Gasoline	0011184	1/27/00	1/27/00		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	**21.4**	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	**4.60**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*104*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*105*	"	
C-5			**M001544-04**				**Water**	
Gasoline	0011184	1/27/00	1/27/00		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*101*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*104*	"	

Sequoia Analytical

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Blaine Tech Services (Chev)	Project:	Chevron 9-0329 (340 Highland Ave., Piedmont)	Sampled:	1/17/00
1680 Rogers Avenue	Project Number:	00117-U1	Received:	1/18/00
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	1/31/00 12:53

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*
C-6			**M001544-05**				**Water**	
Gasoline	0011184	1/27/00	1/27/00		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*105*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*106*	"	
TB			**M001544-06**				**Water**	
Gasoline	0011184	1/27/00	1/27/00		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*100*	*%*	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*106*	"	

Sequoia Analytical

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Blaine Tech Services (Chev)	Project:	Chevron 9-0329 (340 Highland Ave., Piedmont)	Sampled: 1/17/00
1680 Rogers Avenue	Project Number:	00117-U1	Received: 1/18/00
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 1/31/00 12:53

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: 0011184	**Date Prepared: 1/27/00**					**Extraction Method: EPA 5030 waters**				
Blank	**0011184-BLK1**									
Gasoline	1/27/00			**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	"	*300*		*309*	"	*65.0-135*	*103*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*320*	"	*65.0-135*	*107*			
LCS	**0011184-BS1**									
Benzene	1/27/00	100		102	ug/l	65.0-135	102			
Toluene	"	100		97.8	"	65.0-135	97.8			
Ethylbenzene	"	100		95.1	"	65.0-135	95.1			
Xylenes (total)	"	300		293	"	65.0-135	97.7			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*304*	"	*65.0-135*	*101*			
Matrix Spike	**0011184-MS1**	**M001544-02**								
Benzene	1/27/00	100	ND	101	ug/l	65.0-135	**101**			
Toluene	"	100	ND	97.1	"	65.0-135	**97.1**			
Ethylbenzene	"	100	ND	95.3	"	65.0-135	**95.3**			
Xylenes (total)	"	300	ND	293	"	65.0-135	**97.7**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*306*	"	*65.0-135*	*102*			
Matrix Spike Dup	**0011184-MSD1**	**M001544-02**								
Benzene	1/27/00	100	ND	101	ug/l	65.0-135	**101**	20.0	**0**	
Toluene	"	100	ND	97.8	"	65.0-135	**97.8**	20.0	**0.718**	
Ethylbenzene	"	100	ND	95.2	"	65.0-135	**95.2**	20.0	**0.105**	
Xylenes (total)	"	300	ND	293	"	65.0-135	**97.7**	20.0	**0**	
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*302*	"	*65.0-135*	*101*			

Sequoia Analytical

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Morgan Hill, CA 95037
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FAX (408) 782-6308

Blaine Tech Services (Chev)	Project:	Chevron 9-0329 (340 Highland Ave., Piedmont)	Sampled:	1/17/00
1680 Rogers Avenue	Project Number:	00117-U1	Received:	1/18/00
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	1/31/00 12:53

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

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: 9-0329
Facility Address: 340 Highland Ave., Piedmont
Consultant Project Number: 000117-44
Consultant Name: Blaine Tech Services, Inc.
Address: 1680 Rogers Ave., San Jose
Project Contact (Name): Scott Boor
(Phone) 408-573-0555 (Fax) 408-573-7771

Chevron Contact Name: Brett Hunter
(Phone): (925) 842-8695
Laboratory Name: Sequoia
Laboratory Service Order: 9144488
Laboratory Service Code: ZZ02790
Samples collected by (Name): Sanjiv
Signature:

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

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Sample Preservation	Date/Time	BTEX/MTBE + TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8270)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd, Cr, Pb, Zn, Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCID	TPH - D Extended					Remarks / Lab Sample No.
C-2	3	W	HCl	01-17-00 11:01	X																	1
C-3				01-17-00 10:13																		2
C-4				01-17-00 10:35																		3
C-5				01-17-00 9:16																		4
C-6				01-17-00 9:42																		5
TB	2			01-17-00																		6
									91001544													

Relinquished By (Signature)	Organization: BTS	Date/Time: 1/17/00	Received By (Signature)	Organization: Sequoia	Date/Time: 1/17/00 935	Iced Y/N	Turn Around Time (Circle One): 24 Hrs. / 48 Hrs. / 5 Days / 10 Days / As Contracted
Relinquished By (Signature)	Organization	Date/Time: 1/18/00	Received By (Signature)	Organization	Date/Time: 1/18/00	Iced Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N	

COC-3.DWG/07-98/HCH

Field
Data
Sheets

WELL GAUGING DATA

Project # 000117-U1 Date 01-17-00 Client 9-0829

Site 340 Highland Ave, Piedmont, Ca

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
C-2	2					2.35	13.52	TOC	
C-3	2					0.94	13.91		
C-4	2					4.22	9.95		
C-5	2					2.50	17.13		
C-6	2					1.65	16.91		

CHEVRON WELL MONITORING DATA SHEET

Project #: 000117-42	Station #: 9-C329
Sampler: Sanjiv	Date: 01-17-00
Well I.D.: C-2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.52	Depth to Water: 2.35
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer	Waterra	
(Disposable Bailer)	Peristaltic	
Middleburg	Extraction Pump	
Electric Submersible	Other_____	

Sampling Method: Bailer
(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: _____

1.7 (Gals.) X 3 = 5.1 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:55	59.3	6.3	954	2	
10:57	60.3	6.5	918	4	
10:59	61.2	6.5	981	5.5	

Did well dewater? Yes (No) Gallons actually evacuated: 5.5

Sampling Time: 11:01 Sampling Date: 01-17-00

Sample I.D.: C-2 Laboratory: STL (Sequoia) Other

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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 #: 000117-43	Station #: 9-0329
Sampler: Sean V	Date: ~~1-20~~ 01-17-00
Well I.D.: C-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 13.91	Depth to Water: 0.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- (Disposable Bailer)
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: Bailer

- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other: _____

2.0 (Gals.) X 3 = 6.0 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:07	54.7	6.5	172	2	
10:09	55.6	6.6	159	4	
10:11	55.6	6.8	157	6	

Did well dewater? Yes (No)		Gallons actually evacuated: 6	
Sampling Time: 10:13		Sampling Date: 01-17-00	
Sample I.D.: C-3		Laboratory: STL (Sequoia) Other	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
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 #: 0C0117-4A	Station #: 9-0329
Sampler: Sanjiv	Date: 01-17-00
Well I.D.: C-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 9.95	Depth to Water: 4.22
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer
(Disposable Bailer)
Middleburg
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other_____

Sampling Method: Bailer
(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

.91 (Gals.) X 3 = 2.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
10:31	58.3	6.1	544	1	
10:32	58.9	6.3	551	2	
10:33	58.8	6.4	542	3	

Did well dewater? Yes (No)	Gallons actually evacuated: 3		
Sampling Time: 10:35	Sampling Date: 01-17-00		
Sample I.D.: C-4	Laboratory: STL (Sequoia) Other		
Analyzed for: TPH-G (BTEX) MTBE TPH-D	Other:		
EB I.D. (if applicable): @ Time	Duplicate I.D. (if applicable):		
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 #: 000117-41	Station #: 9-0329
Sampler: Sanjiv	Date: 01-17-00
Well I.D.: C-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 17.13	Depth to Water: 2.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

- Bailer
- (Disposable Bailer)
- Middleburg
- Electric Submersible
- Waterra
- Peristaltic
- Extraction Pump
- Other_____

Sampling Method: Bailer

- (Disposable Bailer)
- Extraction Port
- Dedicated Tubing
- Other: _____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

2.3 (Gals.) X 3 = 6.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
9:10	56.2	5.1	779	3	
9:12	56.8	5.6	743	5	
9:14	57.7	6.2	739	7	

Did well dewater? Yes (No)		Gallons actually evacuated: 7	
Sampling Time: 9:16		Sampling Date: 01-17-00	
Sample I.D.: C-5		Laboratory: STL (Sequoia) Other	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D		Other:	
EB I.D. (if applicable): @ Time		Duplicate I.D. (if applicable):	
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 #: 020117.42	Station #: 9-0329
Sampler: Sonjia	Date: 01-17-00
Well I.D.: C-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 16.91	Depth to Water: 1.65
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH

Purge Method:

Bailer
(Disposable Bailer)
Middleburg
Electric Submersible
Waterra
Peristaltic
Extraction Pump
Other_____

Sampling Method: Bailer

(Disposable Bailer)
Extraction Port
Dedicated Tubing
Other: _____

2.4 (Gals.) X 3 = 7.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
9:36	57.4	6.1	627	3	
9:38	59.6	6.4	608	5	
9:40	60.2	6.5	603	7.5	

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Time: 9:42 Sampling Date: 01-17-00

Sample I.D.: C-6 Laboratory: STL (Sequoia) Other

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

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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