



Chevron

Ro256

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) 842-8570

Date: December 23, 1999
To: Distribution
Re: Groundwater Monitoring Report , 9-1740

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 Hunter
Site Assessment and Remediation
Project Manager

00 JAN -4 PM 3:28

PRODUCTION

BLAINE
TECH SERVICES INC.



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

December 15, 1999

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

3rd Quarter 1999 Monitoring at 9-1740

Third Quarter 1999 Groundwater Monitoring at
Chevron Service Station Number 9-1740
6550 Moraga Avenue
Oakland, CA

Monitoring Performed on September 28, 1999

Groundwater Sampling Report 990928-D-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,



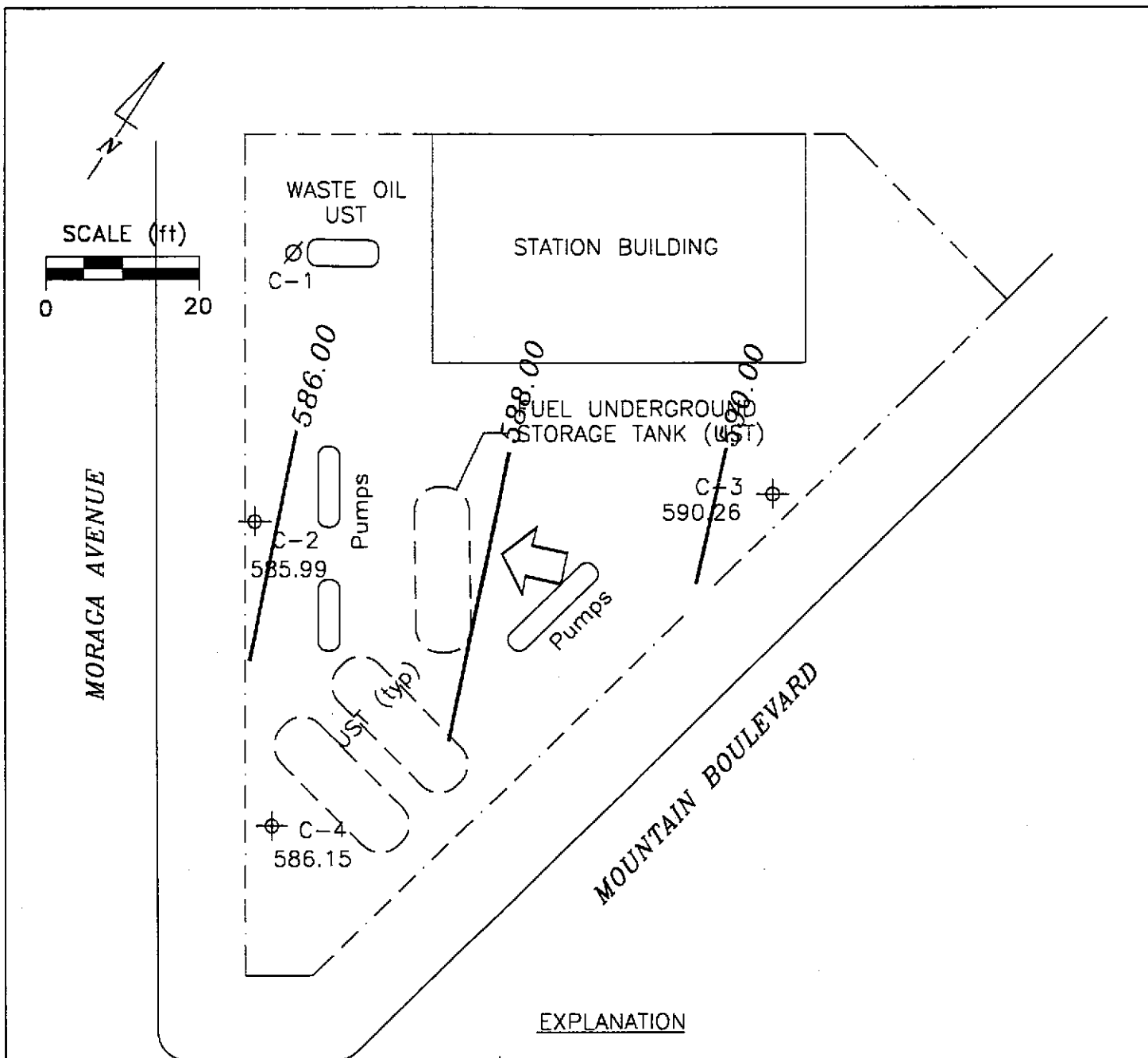
Scott Boor
Project Coordinator

SDB/cl

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

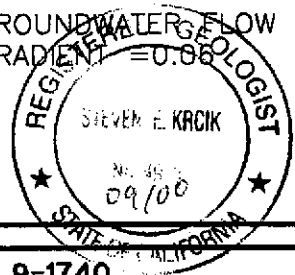
cc: Susan Hugo, Alameda County Health Care Services, Dept. of
Environmental Health
Eddie So, RWQCB- San Francisco Bay Region
Greg Gurss, Gettler-Ryan, Inc.

Professional Engineering Appendix



EXPLANATION

- ⊕ MONITORING WELL
- ⊘ ABANDONED MONITORING WELL
- 585.87 GROUNDWATER ELEVATION (FT, MSL)
- 588.00 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- ↖ APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.06



Basemap from Cambria Environmental Technology, Inc.

PREPARED BY

RRM
 engineering contracting firm

Chevron Station 9-1740
 6550 Moraga Avenue
 Oakland, California

**GROUNDWATER ELEVATION CONTOUR MAP,
 SEPTEMBER 28, 1999**

FIGURE:
1
 PROJECT:
 DAC04

**Table of
Well Data and
Analytical Results**

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	MTBE
C-1										
03/25/91	595.82	592.54	3.28	--	54	0.7	<0.5	<0.5	2.0	--
07/01/91	595.82	592.39	3.43	--	730	250	3.0	16	4.8	--
09/25/91	595.82	591.67	4.15	--	160	68	1.3	6.1	1.3	--
12/23/91	595.82	592.11	3.71	--	170	70	1.6	3.5	2.4	--
03/24/92	595.82	592.80	3.02	--	60	39	4.4	3.9	9.1	--
06/23/92	595.82	592.06	3.76	--	60	19	1.1	1.1	1.0	--

NO LONGER MONITORED OR SAMPLED

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										
03/25/91	594.57	571.68	22.89	--	<50	1.0	<0.5	<0.5	2.0	--
07/01/91	594.57	587.20	7.37	--	660	190	2.5	28	22	--
09/25/91	594.57	587.59	6.98	--	110	200	1.9	21	1.7	--
12/23/91	594.57	589.56	5.01	--	<50	1.2	1.2	<0.5	1.8	--
03/24/92	594.57	577.30	17.27	--	100	5.9	7.9	4.0	14	--
06/23/92	594.57	590.75	3.82	--	190	45	4.5	9.5	10	--
09/30/92	594.57	580.56	14.01	--	240	99	2.3	11	6.1	--
12/16/92	594.57	580.05	14.52	--	280	160	6.2	7.4	5.0	--
03/30/93	594.57	583.49	11.08	--	110	21	<0.5	0.8	<1.5	--
06/10/93	594.57	583.08	11.49	--	180	53	2.6	8.0	5.8	--
09/02/93	594.57	580.49	14.08	--	51	18	0.8	4.4	<1.5	--
12/06/93	594.57	579.87	14.70	--	<50	20	1.3	2.7	<0.5	--
03/02/94	594.57	579.70	14.87	--	<50	9.9	1.6	<0.5	0.8	--
06/03/94	594.57	579.35	15.22	--	440	300	2.7	61	2.1	--
09/07/94	594.57	587.27	7.30	--	80	30	<0.5	1.6	<0.5	--
12/06/94	594.57	589.29	5.28	--	120	51	<0.5	4.7	<0.5	--
03/31/95	594.57	589.13	5.44	--	770	250	<5.0	74	<5.0	--
06/15/95	594.57	589.62	4.95	--	240	76	<1.0	26	<1.0	--
09/25/95	594.57	587.78	6.79	--	<50	1.2	<0.5	<0.5	<0.5	--
12/19/95	594.57	588.94	5.63	--	<250	23	<2.5	<2.5	<2.5	860
03/31/97	594.57	589.74	4.83	--	<500	48	<5.0	<5.0	<5.0	2900
06/23/97	594.57	589.98	4.59	--	1200	240	<10	<10	<10	4900
09/02/97	594.57	590.02	4.55	--	1400	340	<5.0	54	6.9	2500
12/15/97	594.57	590.26	4.31	--	540	100	<2.5	8.7	<2.5	2400
03/10/98	594.57	590.00	4.57	--	<500	<5.0	<5.0	<5.0	<5.0	3000
06/16/98	594.57	589.99	4.58	--	120	6.6	<1.0	<1.0	<1.0	2500
08/25/98	594.57	589.67	4.90	--	140	<0.5	<0.5	<0.5	<0.5	2600
12/29/98	594.57	589.77	4.80	--	1830	17.7	<10.0	<10.0	14.9	4600
12/29/98	594.57	589.77	4.80	Confirmation Run	--	--	--	--	--	4890

CONTINUED ON NEXT PAGE

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)										
03/09/99	594.57	590.21	4.36	--	120	16	<1.0	<1.0	<1.0	3400
06/23/99	594.57	589.92	4.65	ORC socks installed	--	--	--	--	--	--
09/28/99	594.57	585.99	8.58	--	<50	<0.5	<0.5	<0.5	<0.5	1250

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										
03/25/91	597.14	591.98	5.16	--	<50	<0.5	<0.5	<0.5	0.5	--
07/01/91	597.14	591.30	5.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/25/91	597.14	591.20	5.94	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/23/91	597.14	591.20	5.94	--	<50	1.0	<0.5	<0.5	1.5	--
03/24/92	597.14	592.37	4.77	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/23/92	597.14	591.47	5.67	--	<50	0.9	1.1	0.5	1.6	--
09/30/92	597.14	590.84	6.30	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	597.14	591.57	5.57	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/93	597.14	592.08	5.06	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	597.14	591.85	5.29	--	<50	0.6	1.9	0.6	3.5	--
09/02/93	597.14	591.22	5.92	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/06/93	597.14	591.38	5.76	--	<50	<0.5	0.6	<0.5	<0.5	--
03/02/94	597.14	591.97	5.17	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/03/94	597.14	591.74	5.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/94	597.14	591.14	6.00	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	597.14	591.95	5.19	--	<50	<0.5	0.8	<0.5	<0.5	--
03/31/95	597.14	592.04	5.10	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/15/95	597.14	591.78	5.36	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/25/95	597.14	591.04	6.10	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	597.14	591.46	5.68	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	597.14	590.65	6.49	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/97	597.14	590.63	6.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/02/97	597.14	591.07	6.07	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/15/97	597.14	590.86	6.28	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/10/98	597.14	590.89	6.25	--	<50	<0.5	<0.5	<0.5	<0.5	3.5
06/16/98	597.14	590.80	6.34	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/25/98	597.14	590.61	6.53	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/29/98	597.14	590.59	6.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0

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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)										
03/09/99	597.14	591.20	5.94	--	<50	<0.5	<0.5	<0.5	<0.5	2.8
09/28/99	597.14	590.26	6.88	Sampled Annually	--	--	--	--	--	--

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										
03/25/91	593.10	588.65	4.45	--	2700	240	16	<0.5	350	--
07/01/91	593.10	587.77	5.33	--	7900	1500	230	340	350	--
09/25/91	593.10	587.60	5.50	--	3200	850	160	150	220	--
12/23/91	593.10	588.18	4.92	--	4100	390	52	42	340	--
03/24/92	593.10	589.06	4.19	Free Product (0.19')	--	--	--	--	--	--
06/23/92	593.10	588.43	4.91	Free Product (0.30')	--	--	--	--	--	--
09/30/92	593.10	584.44	8.66	--	450	97	14	12	29	--
12/16/92	593.10	583.30	9.80	--	590	130	18	5.6	29	--
03/30/93	593.10	583.20	10.00	Free Product (0.12')	--	--	--	--	--	--
06/10/93	593.10	583.46	9.64	--	1300	290	36	17	73	--
09/02/93	593.10	583.02	10.08	--	630	97	12	6.6	21	--
12/06/93	593.10	582.85	10.25	--	1900	600	68	27	130	--
03/02/94	593.10	584.36	8.74	--	2600	1200	110	43	180	--
06/03/94	593.10	583.27	9.83	--	780	180	13	8.5	26	--
09/07/94	593.10	582.80	10.30	--	<50	14	<0.5	0.7	<0.5	--
12/06/94	593.10	583.90	9.20	--	980	270	21	12	38	--
03/31/95	593.10	582.86	10.24	--	1500	450	25	11	49	--
06/15/95	593.10	582.78	10.32	--	960	250	15	4.5	37	--
09/25/95	593.10	584.72	8.38	--	<500	18	<5.0	<5.0	<5.0	--
12/19/95	593.10	582.94	10.16	--	<500	32	<5.0	<5.0	<5.0	2400
03/31/97	593.10	588.42	4.68	--	3400	960	51	64	140	2100
06/23/97	593.10	588.36	4.74	--	1600	580	19	8.2	27	2300
09/02/97	593.10	588.33	4.77	--	6900	1400	59	130	410	3100
12/15/97	593.10	588.60	4.50	--	3300	1200	37	74	130	3700
03/10/98	593.10	588.92	4.18	--	1100	250	19	13	62	4000
06/16/98	593.10	586.53	6.57	--	1200	350	<10	12	39	4500
08/25/98	593.10	586.30	6.80	--	290	24	0.72	0.87	1.9	3600
12/29/98	593.10	586.80	6.30	--	3190	957	<25	<25	<25	8100
12/29/98	593.10	586.80	6.30	Confirmation Run	--	--	--	--	--	8500
03/09/99	593.10	585.87	7.23	--	2200	850	15	35	56	5900
06/23/99	593.10	585.60	7.50	ORC socks installed	--	--	--	--	--	--
09/28/99	593.10	586.15	6.95	--	1390	7.85	<5.0	<5.0	<5.0	4190

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										
03/25/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/25/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/23/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/24/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/23/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/10/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/02/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/06/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/02/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/03/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/15/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/25/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/02/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/15/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/10/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/25/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0

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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
TRIP BLANK (CONT'D)										
03/09/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/28/99	--	--	--	--	<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 March 31, 1995.
 Earlier field data and analytical results provided by Sierra Environmental.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl t-Butyl Ether

Analytical Appendix



October 20, 1999

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

RE: Chevron/M909992

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on September 29, 1999. If you have any questions concerning this report, please feel free to contact me. Chromatograms for unidentified hydrocarbons are included in this report.

Sincerely,

Wendy Bohnes
Project Manager

CA ELAP Certificate Number 1210





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron9-1740 6550 Moraga Ave., Oakland Project Number: 990928-D1 Project Manager: Scott Boor	Sampled: 9/28/99 Received: 9/29/99 Reported: 10/20/99
---	--	---

ANALYTICAL REPORT FOR M909992

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
C-2	M909992-01	Water	9/28/99
C-4	M909992-02	Water	9/28/99
TB	M909992-03	Water	9/28/99





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron9-1740 6550 Moraga Ave., Oakland Project Number: 990928-D1 Project Manager: Scott Boor	Sampled: 9/28/99 Received: 9/29/99 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-2								
				M909992-01			Water	
Purgeable Hydrocarbons	9100162	10/7/99	10/7/99		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	"	"	10/12/99		25.0	1250	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	10/7/99	70.0-130		108	%	
C-4								
				M909992-02			Water	
Purgeable Hydrocarbons	9100276	10/11/99	10/11/99		500	1390	ug/l	1
Benzene	"	"	"		5.00	7.85	"	
Toluene	"	"	"		5.00	ND	"	
Ethylbenzene	"	"	"		5.00	ND	"	
Xylenes (total)	"	"	"		5.00	ND	"	
Methyl tert-butyl ether	"	"	10/7/99		50.0	4190	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	10/11/99	70.0-130		94.4	%	
TB								
				M909992-03			Water	
Purgeable Hydrocarbons	9100164	10/7/99	10/7/99		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	"	"	"		2.50	ND	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	"	"	"	70.0-130		106	%	





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron9-1740 6550 Moraga Ave., Oakland Project Number: 990928-D1 Project Manager: Scott Boor	Sampled: 9/28/99 Received: 9/29/99 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: 9100162		Date Prepared: 10/7/99		Extraction Method: EPA 5030B [P/T]						
Blank		9100162-BLK1								
Purgeable Hydrocarbons	10/7/99			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		9.36	"	70.0-130	93.6			
LCS		9100162-BS1								
Benzene	10/7/99	10.0		8.63	ug/l	70.0-130	86.3			
Toluene	"	10.0		9.99	"	70.0-130	99.9			
Ethylbenzene	"	10.0		10.1	"	70.0-130	101			
Xylenes (total)	"	30.0		32.8	"	70.0-130	109			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.58	"	70.0-130	95.8			
Matrix Spike		9100162-MS1 M909ACG-01								
Benzene	10/7/99	10.0	ND	8.10	ug/l	60.0-140	81.0			
Toluene	"	10.0	ND	9.62	"	60.0-140	96.2			
Ethylbenzene	"	10.0	ND	10.8	"	60.0-140	108			
Xylenes (total)	"	30.0	ND	31.8	"	60.0-140	106			
Surrogate: a,a,a-Trifluorotoluene	"	10.0		8.53	"	70.0-130	85.3			
Matrix Spike Dup		9100162-MSD1 M909ACG-01								
Benzene	10/7/99	10.0	ND	8.24	ug/l	60.0-140	82.4	25.0	1.71	
Toluene	"	10.0	ND	9.84	"	60.0-140	98.4	25.0	2.26	
Ethylbenzene	"	10.0	ND	11.2	"	60.0-140	112	25.0	3.64	
Xylenes (total)	"	30.0	ND	33.0	"	60.0-140	110	25.0	3.70	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		10.0	"	70.0-130	100			
Batch: 9100164		Date Prepared: 10/7/99		Extraction Method: EPA 5030B [P/T]						
Blank		9100164-BLK1								
Purgeable Hydrocarbons	10/7/99			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		9.65	"	70.0-130	96.5			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron9-1740 6550 Moraga Ave., Oakland Project Number: 990928-D1 Project Manager: Scott Boor	Sampled: 9/28/99 Received: 9/29/99 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*
Matrix Spike Dup (continued)										
	9100276-MSD1	M909ACB-01								
Xylenes (total)	10/11/99	30.0	ND	32.3	ug/l	60.0-140	108	25.0	4.74	
Surrogate: a,a,a-Trifluorotoluene	"	10.0		9.67	"	70.0-130	96.7			





Blaine Tech Services (Chev) 1680 Rogers Avenue San Jose, CA 95112	Project: Chevron9-1740 6550 Moraga Ave., Oakland Project Number: 990928-D1 Project Manager: Scott Boor	Sampled: 9/28/99 Received: 9/29/99 Reported: 10/20/99
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Notes and Definitions

#	Note
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- 1 Chromatogram Pattern: Unidentified Hydrocarbons 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

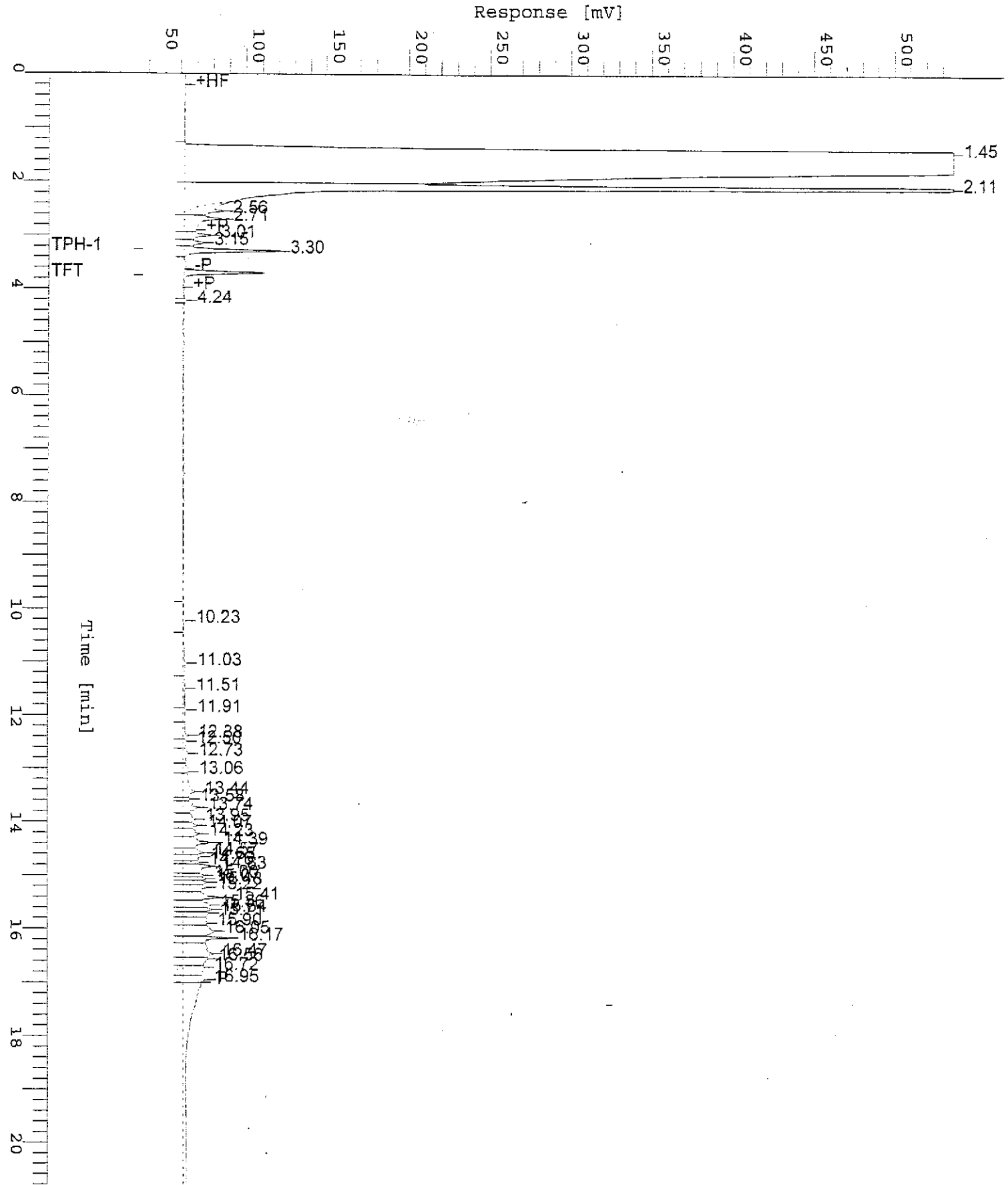


Chromatogram

File : M909992-2RE
Path : S:\GHP_30\1017\011A014.raw
Sample : TPH
Start Time : 0.00 min
Scale Factor: -1.0

End Time : 20.82 min
Plot Offset: 37 mV

Sample #: C4
Date : 10/11/99 14:37
Page 1 of 1
Time of Injection: 10/11/99 14:16
Low Point : 36.62 mV
High Point : 536.62 mV
Plot Scale: 500.0 mV



Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: 990928-D1	Station #: 9-1746
Sampler: DOWNIE	Date: 9-28-99
Well I.D.: C-2	Well Diameter: (2) 3 4 6 8
Total Well Depth: 26.84	Depth to Water: 8.58
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC JOL Grade	D.O. Meter (if req'd): YSI HACH

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

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

Sampling Method: Bailer
Disposable Bailer
 Extraction Port
 Other: _____

2.9	x	3	=	8.7	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1000 1000	70.0	7.8	1246	3	
1100 1100	68.1	8.9	1264	6	
1116	67.5	8.7	1328	9	

Did well dewater? Yes No Gallons actually evacuated: 9

Sampling Time: 1122 Sampling Date: 9-28-99

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): <u>DOUBLE CHECKED</u> <u>MTBE AND BTEX</u>	Pre-purge: 2.5 mg/L	Post-purge: mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge: mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 990928-01	Station #: 9-1740
Sampler: DOWIE	Date: 9-28-99
Well I.D.: C-4	Well Diameter: (2) 3 4 6 8
Total Well Depth: 24.87	Depth to Water: 6.95
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: _____

2.8	x	3	=	8.4	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
11:38	70.8	8.2	1142	3	
11:45	69.2	8.3	1186	6	
11:53	68.4	8.8	1219	9	

Did well dewater? Yes No Gallons actually evacuated: 9

Sampling Time: 1159 Sampling Date: 9-28-99

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): <small>Pre-purge & RECALIBRATION</small>	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): <small>MEMET</small>	Pre-purge:	mV	Post-purge:	mV