Chevron

ENVIRONMENTAL
PROTECTION

00 JAN 20 PM 3:29

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: 1-11-00

To: Distribution

Re: Groundwater Monitoring Report, 9-4930

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

January 11, 2000

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

4th Quarter 1999 Monitoring at 9-4930

Fourth Quarter 1999 Groundwater Monitoring at
Former Chevron Service Station Number 9-4930
3369 Castro Valley Boulevard
Castro Valley, CA

Monitoring Performed on November 19, 1999

Groundwater Sampling Report **991119-A-3**

This report covers the routine monitoring of groundwater wells at this Former 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,

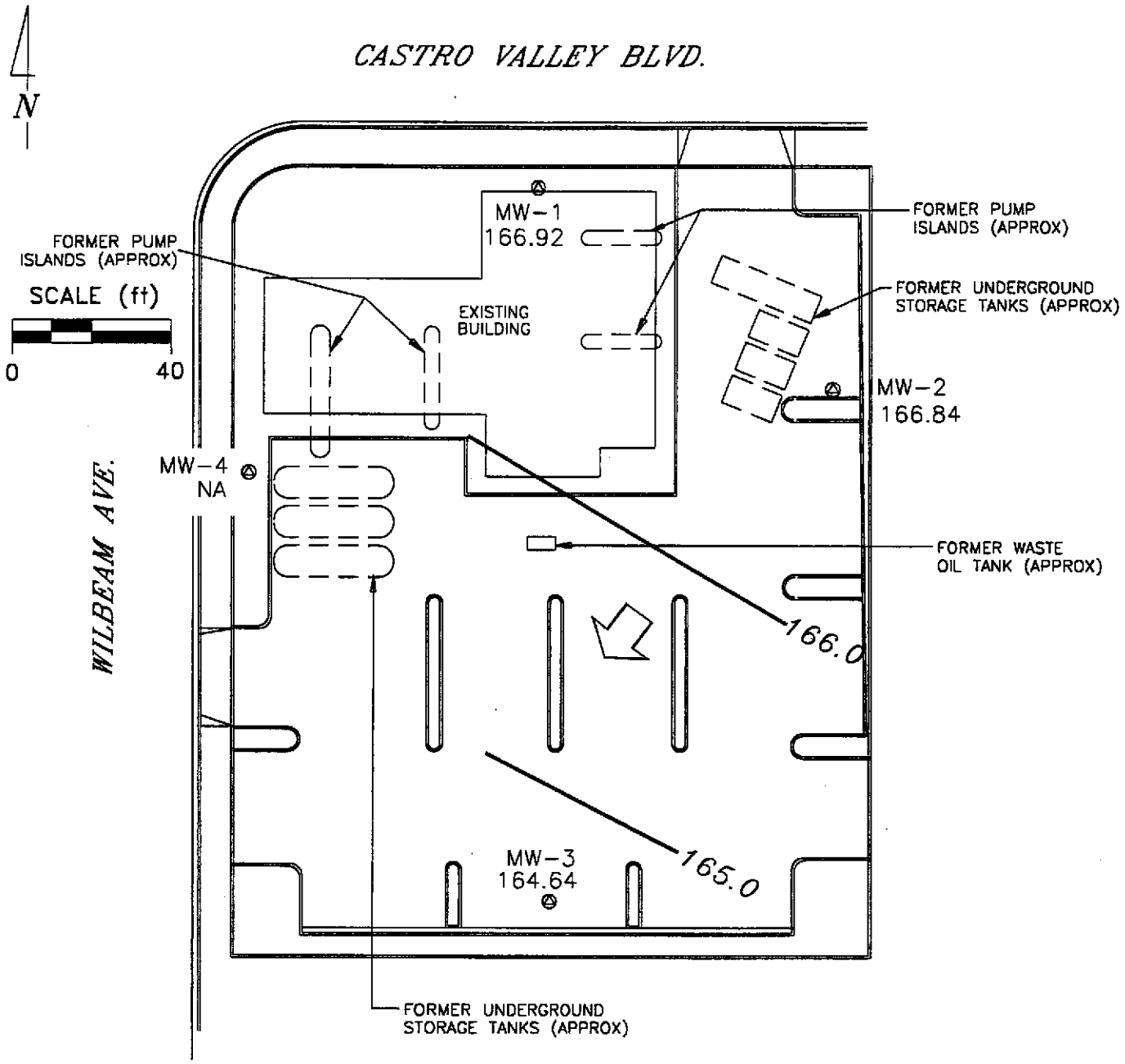
Scott Boor
Project Coordinator

SDB/cm

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
Anna Counelis & Tula Gallanes
Greg Gurss, Gettler Ryan, Inc.
Bette Owen, Chevron (w/o enclosure)

Professional Engineering Appendix



EXPLANATION

- ⊙ MONITORING WELL
- 164.64 GROUNDWATER ELEVATION (FT, MSL)
- 165.00 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.02
- NA DATA NOT AVAILABLE

REGISTERED GEOLOGIST
STEVEN E. KRCIK
No. 1976
09/00
STATE OF CALIFORNIA

Basemap from Geoconsultants, Inc.

PREPARED BY
RRM
engineering contracting firm

Former Chevron Station 9-4930
3369 Castro Valley Boulevard
Castro Valley, California

GROUNDWATER ELEVATION CONTOUR MAP, NOVEMBER 19, 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	1,2-DCE	TCE	DCFM	PCE	MTBE
MW-1														
10/29/93	172.90	166.15	6.75	--	1000	11	17	32	110	--	--	--	--	--
02/25/94	172.90	166.80	6.10	--	250	6.0	1.0	5.0	3.0	--	--	--	--	--
04/04/94	172.90	166.14	6.76	--	--	--	--	--	--	--	--	--	--	--
04/29/94	172.90	166.35	6.55	--	--	--	--	--	--	--	--	--	--	--
06/13/94	172.90	166.12	6.78	--	670	35	3.5	43	3.9	0.8	16	14	47	--
06/30/94	172.90	166.06	6.84	--	--	--	--	--	--	--	--	--	--	--
07/28/94	172.90	166.03	6.87	--	--	--	--	--	--	--	--	--	--	--
08/31/94	172.90	166.00	6.90	--	560	43	9.5	25	5.0	1.3	19	13	65	--
11/11/94	172.90	167.00	5.90	--	460	53	4.0	50	3.4	--	--	--	--	--
02/01/95	172.90	166.88	6.02	--	240	25	0.6	4.0	<0.5	--	--	--	--	--
05/18/95	172.90	166.82	6.08	--	580	42	1.0	53	2.6	--	--	--	--	--
08/22/95	172.90	166.52	6.38	--	840	73	1.2	110	1.6	--	--	--	--	--
11/01/95	172.90	166.40	6.50	--	350	36	<0.5	30	<0.5	--	--	--	--	15
01/26/96	172.90	166.85	6.05	--	210	23	<0.5	12	<0.5	--	--	--	--	4.7
05/08/96	172.90	166.50	6.40	--	310	42	2.3	56	1.1	--	--	--	--	52
10/03/96	173.53	166.61	6.92	--	240	31	<0.5	1.7	<0.5	--	--	--	--	18
02/04/97	173.53	167.02	6.51	--	200	9.9	<0.5	3.7	<0.5	--	--	--	--	16
04/30/97	173.53	166.64	6.89	--	260	11	<0.5	17	<0.5	--	--	--	--	13
07/22/97	173.53	166.49	7.04	--	170	5.0	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/03/97	173.53	166.55	6.98	--	230	13	<0.5	7.8	0.68	--	--	--	--	*
02/11/98	173.53	167.52	6.01	--	110	3.1	0.63	<0.5	<0.5	--	--	--	--	<2.5
05/08/98	173.53	166.72	6.81	--	170	4.2	1.8	2.1	<0.5	--	--	--	--	<2.5
08/07/98	173.53	167.01	6.52	--	110	5.2	<0.5	6.7	<0.5	--	--	--	--	13
11/05/98	173.53	166.58	6.95	--	160	1.8	<0.5	<0.5	0.53	--	--	--	--	<2.5
03/02/99	173.53	166.97	6.56	--	119	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<5.0
05/17/99	173.53	166.89	6.64	--	153	3.17	<0.5	0.791	<0.5	--	--	--	--	<5.0
08/24/99	173.53	166.40	7.13	--	96.2	1.38	<0.5	<0.5	<0.5	--	--	--	--	14.7
11/19/99	173.53	166.92	6.61	--	209	13.1	1.68	12.3	<0.5	--	--	--	--	3.79

* No value for MTBE could be determined; see lab report.

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	1,2-DCE	TCE	DCFM	PCE	MTBE
MW-2														
10/29/93	173.91	166.05	7.86	--	5600	140	3.2	17	330	--	--	--	--	--
02/25/94	173.91	166.96	6.95	--	820	41	<0.5	17	5.0	--	--	--	--	--
04/04/94	173.91	166.18	7.73	--	--	--	--	--	--	--	--	--	--	--
04/29/94	173.91	166.23	7.68	--	--	--	--	--	--	--	--	--	--	--
06/13/94	173.91	166.20	7.71	--	1100	160	0.8	64	2.0	<0.5	0.9	<0.5	2.0	--
06/30/94	173.91	165.87	8.04	--	--	--	--	--	--	--	--	--	--	--
07/28/94	173.91	165.99	7.92	--	--	--	--	--	--	--	--	--	--	--
08/31/94	173.91	165.98	7.93	--	190	7.1	4.1	3.1	1.2	<0.5	1.1	<0.5	4.5	--
11/11/94	173.91	167.08	6.83	--	440	120	<1.0	18	<1.0	--	--	--	--	--
02/01/95	173.91	167.77	6.14	--	240	81	<1.0	<1.0	<1.0	--	--	--	--	--
05/18/95	173.91	166.91	7.00	--	330	74	<0.5	26	1.3	--	--	--	--	--
08/22/95	173.91	166.58	7.33	--	390	84	<1.0	2.1	<1.0	--	--	--	--	--
11/01/95	173.91	166.54	7.37	--	190	46	<0.5	1.6	<0.5	--	--	--	--	<2.5
01/26/96	173.91	168.13	5.78	--	<50	13	<0.5	<0.5	<0.5	--	--	--	--	<2.5
05/08/96	173.91	166.76	7.15	--	<50	4.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
10/03/96	172.67	166.66	6.01	--	63	4.3	<0.5	<0.5	<0.5	--	--	--	--	<2.5
02/04/97	172.67	167.40	5.27	--	<50	1.6	<0.5	<0.5	<0.5	--	--	--	--	<2.5
04/30/97	172.67	166.74	5.93	--	<50	5.4	<0.5	0.8	<0.5	--	--	--	--	<2.5
07/22/97	172.67	166.53	6.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/03/97	172.67	--	--	Inaccessible	--	--	--	--	--	--	--	--	--	--
02/11/98	172.67	167.95	4.72	--	<50	0.52	0.63	<0.5	<0.5	--	--	--	--	<2.5
05/08/98	172.67	167.07	5.60	--	<50	1.1	1.2	<0.5	<0.5	--	--	--	--	<2.5
08/07/98	172.67	166.33	6.34	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/05/98	172.67	166.59	6.08	--	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
03/02/99	172.67	167.41	5.26	--	67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<5.0
05/17/99	172.67	167.71	4.96	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<5.0
08/24/99	172.67	165.33	7.34	--	<50	1.18	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/19/99	172.67	166.84	5.83	--	<50	4.29	0.907	<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	1,2-DCE	TCE	DCFM	PCE	MTBE
MW-3														
10/29/93	172.60	164.96	7.64	--	110	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
02/25/94	172.60	166.22	6.38	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
04/04/94	172.60	165.21	7.39	--	--	--	--	--	--	--	--	--	--	--
04/29/94	172.60	165.62	6.98	--	--	--	--	--	--	--	--	--	--	--
06/13/94	172.60	165.15	7.45	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	2.0	<0.5	220	--
06/30/94	172.60	165.05	7.55	--	--	--	--	--	--	--	--	--	--	--
07/28/94	172.60	164.93	7.67	--	--	--	--	--	--	--	--	--	--	--
08/31/94	172.60	164.81	7.79	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.6	<0.5	320	--
11/11/94	172.60	165.73	6.87	Sampled biannually	--	--	--	--	--	--	--	--	--	--
02/01/95	172.60	167.03	5.57	--	89	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
05/18/95	172.60	165.79	6.81	--	--	--	--	--	--	--	--	--	--	--
08/22/95	172.60	165.35	7.25	--	190	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
11/01/95	172.60	165.70	6.90	--	--	--	--	--	--	--	--	--	--	--
01/26/96	172.60	167.35	5.25	--	160	<2.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
05/08/96	172.60	165.55	7.05	--	--	--	--	--	--	--	--	--	--	--
10/03/96	170.47	165.29	5.18	--	150	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
02/04/97	170.47	166.27	4.20	--	88	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
04/30/97	170.47	165.37	5.10	--	--	--	--	--	--	--	--	--	--	--
07/22/97	170.47	165.15	5.32	--	180	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/03/97	170.47	165.12	5.35	--	--	--	--	--	--	--	--	--	--	--
02/11/98	170.47	167.47	3.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
05/08/98	170.47	165.96	4.51	--	--	--	--	--	--	--	--	--	--	--
08/07/98	170.47	165.26	5.21	--	110	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/05/98	170.47	165.35	5.12	--	--	--	--	--	--	--	--	--	--	--
03/02/99	170.47	166.19	4.28	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<5.0
05/17/99	170.47	165.82	4.65	--	--	--	--	--	--	--	--	--	--	--
08/24/99	170.47	164.76	5.71	--	352	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/19/99	170.47	164.64	5.83	--	--	--	--	--	--	--	--	--	--	--

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	1,2-DCE	TCE	DCFM	PCE	MTBE
MW-4														
10/29/93	170.68	165.18	5.50	--	640	6.7	3.3	0.6	6.7	--	--	--	--	--
02/25/94	170.68	165.86	4.82	--	450	20	0.8	12	6.0	--	--	--	--	--
04/04/94	170.68	165.23	5.45	--	--	--	--	--	--	--	--	--	--	--
04/29/94	170.68	165.45	5.23	--	--	--	--	--	--	--	--	--	--	--
06/13/94	170.68	165.14	5.54	--	1700	130	1.4	100	11	22	59	13	180	--
06/30/94	170.68	165.13	5.55	--	--	--	--	--	--	--	--	--	--	--
07/28/94	170.68	165.06	5.62	--	--	--	--	--	--	--	--	--	--	--
08/31/94	170.68	165.00	5.68	--	800	17	3.5	9.3	4.4	25	53	22	510	--
11/11/94	170.68	165.46	5.22	--	500	26	<0.5	30	4.3	--	--	--	--	--
02/01/95	170.68	165.12	5.56	--	1600	180	<2.0	31	42	--	--	--	--	--
05/18/95	170.68	165.70	4.98	--	1300	130	<2.0	140	5.5	--	--	--	--	--
08/22/95	170.68	165.35	5.33	--	970	50	<1.2	75	<1.2	--	--	--	--	--
11/01/95	170.68	165.28	5.40	--	320	3.3	<0.5	4.1	<0.5	--	--	--	--	27
01/26/96	170.68	166.40	4.28	--	1400	65	<2.5	98	71	--	--	--	--	100
05/08/96	170.68	165.33	5.35	--	610	28	1.2	58	4.4	--	--	--	--	70
10/03/96	171.70	165.48	6.22	--	210	4.2	<0.5	<0.5	<0.5	--	--	--	--	12
02/04/97	171.70	166.57	5.13	--	60	4.4	<0.5	<0.5	<0.5	--	--	--	--	--
04/30/97	171.70	165.60	6.10	--	870	49	<2.0	100	<2.0	--	--	--	--	18
07/22/97	171.70	165.36	6.34	--	420	16	<0.5	23	<0.5	--	--	--	--	9.4
11/03/97	171.70	165.35	6.35	--	370	8.1	0.54	10	7.6	--	--	--	--	30
02/11/98	171.70	167.16	4.54	--	<50	2.0	0.58	<0.5	<0.5	--	--	--	--	<2.5
05/08/98	171.70	166.25	5.45	--	230	13	2.3	37	4.3	--	--	--	--	15
08/07/98	171.70	166.57	5.13	--	85	4.8	<0.5	11	0.87	--	--	--	--	57
11/05/98	171.70	165.31	6.39	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
03/02/99	171.70	166.65	5.05	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<5.0
05/17/99	171.70	166.40	5.30	--	<50	0.9	<0.5	0.843	<0.5	--	--	--	--	<5.0
08/24/99	171.70	164.35	7.35	--	<50	0.893	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/19/99	171.70	--	--	Inaccessible	--	--	--	--	--	--	--	--	--	--

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	1,2-DCE	TCE	DCFM	PCE	MTBE
TRIP BLANK														
02/25/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/13/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
08/31/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
11/11/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
02/01/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
05/18/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
08/22/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
11/01/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
01/26/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
05/08/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
10/03/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
02/04/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
04/30/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
07/22/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
02/11/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
05/08/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
08/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/05/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
03/02/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<5.0
05/17/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<5.0
08/24/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.5
11/19/99	--	--	--	--	<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 November 1, 1994.
Earlier field data and analytical results are drawn from the September 27, 1994 Groundwater Technology, Inc. report.
New survey information drawn from the October 11, 1996 Ron Archer Civil Engineer Inc. report.

ABBREVIATIONS:
TPH = Total Petroleum Hydrocarbons
1,2-DCE = 1,2-Dichloroethene
TCE = Trichloroethene
DCFM = Dichlorodifluoromethane
PCE = Tetrachloroethene
MTBE = Methyl t-Butyl Ether

Analytical Appendix

Sequoia
Analytical

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

December 8, 1999

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

RE: Chevron 9-4930/M911824

Dear Scott Boor

Enclosed are the results of analyses for sample(s) received by the laboratory on November 22, 1999. 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

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Blaine Tech Services (Chev)	Project:	Chevron 9-4930 (3369 Castro Valley Blvd.)	Sampled:	11/19/99
1680 Rogers Avenue	Project Number:	991119-A3	Received:	11/22/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	12/8/99

ANALYTICAL REPORT FOR M911824

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	M911824-01	Water	11/19/99
MW-2	M911824-02	Water	11/19/99
TB	M911824-03	Water	11/19/99

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1680 Rogers Avenue	Project Number:	991119-A3	Received: 11/22/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 12/8/99

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*
MW-1			**M911824-01**				**Water**	
Purgeable Hydrocarbons	9120103	12/3/99	12/3/99		50.0	**209**	ug/l	1
Benzene	"	"	"		0.500	**13.1**	"	
Toluene	"	"	"		0.500	**1.68**	"	
Ethylbenzene	"	"	"		0.500	**12.3**	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	**3.79**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*98.3*	*%*	
MW-2			**M911824-02**				**Water**	
Purgeable Hydrocarbons	9120103	12/3/99	12/3/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	**4.29**	"	
Toluene	"	"	"		0.500	**0.907**	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*91.5*	*%*	
TB			**M911824-03**				**Water**	
Purgeable Hydrocarbons	9120102	12/3/99	12/3/99		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	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*87.9*	*%*	

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Blaine Tech Services (Chev)	Project:	Chevron 9-4930 (3369 Castro Valley Blvd.)	Sampled: 11/19/99
1680 Rogers Avenue	Project Number:	991119-A3	Received: 11/22/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 12/8/99

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: 9120102	**Date Prepared: 12/3/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9120102-BLK1**									
Purgeable Hydrocarbons	12/3/99			**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*		*9.29*	"	*70.0-130*	*92.9*			
LCS	**9120102-BS1**									
Benzene	12/3/99	10.0		8.98	ug/l	70.0-130	89.8			
Toluene	"	10.0		8.83	"	70.0-130	88.3			
Ethylbenzene	"	10.0		9.43	"	70.0-130	94.3			
Xylenes (total)	"	30.0		28.9	"	70.0-130	96.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.91*	"	*70.0-130*	*89.1*			
Matrix Spike	**9120102-MS1**		**M911821-04**							
Benzene	12/3/99	10.0	ND	8.71	ug/l	60.0-140	**87.1**			
Toluene	"	10.0	ND	8.68	"	60.0-140	**86.8**			
Ethylbenzene	"	10.0	ND	9.49	"	60.0-140	**94.9**			
Xylenes (total)	"	30.0	ND	28.4	"	60.0-140	**94.7**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.44*	"	*70.0-130*	*84.4*			
Matrix Spike Dup	**9120102-MSD1**		**M911821-04**							
Benzene	12/3/99	10.0	ND	8.55	ug/l	60.0-140	**85.5**	25.0	**1.85**	
Toluene	"	10.0	ND	8.45	"	60.0-140	**84.5**	25.0	**2.69**	
Ethylbenzene	"	10.0	ND	9.16	"	60.0-140	**91.6**	25.0	**3.54**	
Xylenes (total)	"	30.0	ND	27.4	"	60.0-140	**91.3**	25.0	**3.66**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.37*	"	*70.0-130*	*83.7*			
Batch: 9120103	**Date Prepared: 12/3/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9120103-BLK1**									
Purgeable Hydrocarbons	12/3/99			**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*		*9.75*	"	*70.0-130*	*97.5*			

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Blaine Tech Services (Chev)	Project:	Chevron 9-4930 (3369 Castro Valley Blvd.)	Sampled: 11/19/99
1680 Rogers Avenue	Project Number:	991119-A3	Received: 11/22/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported: 12/8/99

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*
LCS	**9120103-BS1**									
Benzene	12/3/99	10.0		9.60	ug/l	70.0-130	96.0			
Toluene	"	10.0		9.36	"	70.0-130	93.6			
Ethylbenzene	"	10.0		9.19	"	70.0-130	91.9			
Xylenes (total)	"	30.0		27.1	"	70.0-130	90.3			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.67*	"	*70.0-130*	*96.7*			
Matrix Spike	**9120103-MS1**		**M912015-01**							
Benzene	12/3/99	10.0	ND	10.2	ug/l	60.0-140	**102**			
Toluene	"	10.0	ND	9.86	"	60.0-140	**98.6**			
Ethylbenzene	"	10.0	ND	9.90	"	60.0-140	**99.0**			
Xylenes (total)	"	30.0	ND	29.1	"	60.0-140	**97.0**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.37*	"	*70.0-130*	*93.7*			
Matrix Spike Dup	**9120103-MSD1**		**M912015-01**							
Benzene	12/3/99	10.0	ND	9.27	ug/l	60.0-140	**92.7**	25.0	**9.55**	
Toluene	"	10.0	ND	9.03	"	60.0-140	**90.3**	25.0	**8.79**	
Ethylbenzene	"	10.0	ND	9.04	"	60.0-140	**90.4**	25.0	**9.08**	
Xylenes (total)	"	30.0	ND	26.5	"	60.0-140	**88.3**	25.0	**9.39**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*8.82*	"	*70.0-130*	*88.2*			

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1680 Rogers Avenue	Project Number:	991119-A3	Received:	11/22/99
San Jose, CA 95112	Project Manager:	Scott Boor	Reported:	12/8/99

Notes and Definitions

#	Note
1	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

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

lot 1

Chain-of-Custody-Record

Chevron Products Co. P.O. BOX 6004 San Ramon, CA 94583 FAX (925)842-8370	Chevron Facility Number: 9-4930 Facility Address: 3369 Castro Valley Blvd., Castro Valley Consultant Project Number: 991119-A3 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): Oscar D. Angulo 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.
																							M911824
MW1	3	W	HCl	11/9 1535	X																		01
MW2	3	W	HCl	11/9 1600	X																		02
TB	2	W	HCl	11/9 1605	X																		03

Relinquished By (Signature)	Organization	Date/Time 11-22 12:15	Received By (Signature)	Organization	Date/Time 11-22 1215	Iced Y/N	Turn Around Time (Circle One) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time 11/22/99 16:29	Iced Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N	

OUO-3.DWG/07-98/HCH

Field Data Sheets

WELL GAUGING DATA

Project # 991119-A3 Date 11-19-99 Client Chevron

Site 9-4930 3369 Castro Valley Blvd. 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	
MW1	2					6.61	18.28	TOC	
MW 2	2					5.83	17.31		
MW 3	2					5.83	17.31		
MW4			Inaccessible						

CHEVRON WELL MONITORING DATA SHEET

Project #: 991119-A3	Station #: 94930
Sampler: DA.	Date: 11-19-99
Well I.D.: MW1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 18.28	Depth to Water: 6.61
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 (O)
Middleburg
Electric Submersible
Extraction Pump
Other: _____

Sampling Method:
Bailer
Disposable Bailer (O)
Extraction Port
Other: _____

1.8 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 5.4 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1526	65.0	7.2	783	2	
1528	65.1	7.2	794	4	
1530	66.4	7.2	784	6	

Did well dewater? Yes (No)		Gallons actually evacuated: 0	
Sampling Time: 1535		Sampling Date: 11-19-99	
Sample I.D.: MW1		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 #: 991119-A3	Station #: 9-4930
Sampler: OA	Date: 11-19-99
Well I.D.: MW 2	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 16.87	Depth to Water: 5.71
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: ___

1.7	X	3	=	5	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1550	67.3	7.3	788	2	
1553	67.8	7.2	791	4	
1555	67.4	7.2	790	5	

Did well dewater? Yes (No)		Gallons actually evacuated: 5	
Sampling Time: ~~1555~~ 1600		Sampling Date: 11-19-99	
Sample I.D.: MW2		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 #: 991119-A3	Station #: 9-4930
Sampler: DA	Date: 11-19-99
Well I.D.: MW4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth:	Depth to Water:
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: _____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
	Well inaccessable New landscaping				

Did well dewater? Yes No	Gallons actually evacuated:		
Sampling Time:	Sampling Date: 11-19-99		
Sample I.D.: MW4	Laboratory: Sequoia CORE N. Creek Assoc. Labs		
Analyzed for: TPH-G BTEX MTBE TPH-D	Other:		
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd): Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV