

ENVIRONMENTAL
PROTECTION

96 FEB -3 PM 2:37



Chevron

January 30, 1998

Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

Ms. Susan Hugo
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Former Chevron Service Station #9-3864
5101 Telegraph Avenue, Oakland, CA**

Dear Ms. Hugo:

Enclosed is the Fourth Quarter Groundwater Monitoring Report for 1997, that was prepared by our consultant Blaine Tech Services, Inc. for the above noted site. Ground water samples were collected and analyzed for TPH-g, BTEX and MtBE constituents. Monitoring wells C-1, C-2 and C-4 have been abandoned.

Concentrations of all the constituents were below method detection limits for monitoring wells MW-1, MW-2, and MW-5. The benzene constituent decreased in monitoring wells C-3 and MW-3 while increasing in well MW-4 from the previous sampling event. Note that monitoring well MW-4 is upgradient of the site and appears to be impacted from another source.

Depth to ground water varied from 8.99 feet to 13.75 feet below grade, with a direction of flow southerly.

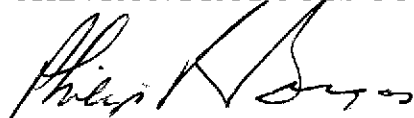
MW-3 Chevron requests that monitoring wells MW-1, MW-2 and MW-5 be sampled annually and well C-3 be sampled semi-annually. Wells MW-1, MW-2 and MW-5 have been below method detection limits for all of the constituents in the last nine sampling events and the wells are crossgradient of the site. Wells C-3 and MW-3 have been showing a trend of declining concentrations of dissolved hydrocarbons.

Chevron requests that monitoring well MW-4 be abandoned or title be transferred to another responsible party. This well is upgradient of Chevron's site and appears to be impacted from source(s) north on Telegraph Avenue.

January 30, 1998
Ms. Susan Hugo
Former Chevron Service Station #9-3864
Page 2

If you have any questions or comments, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY



Philip R. Briggs
Site Assessment and Remediation Project Manger

Enclosure

cc. Mr. Bette Owen, Chevron

Dr. Ravi Arulanantham
RWQCB- San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Mr.'s Howard Schindler, Saul Gevertz and Jon Eager
Temescal Triangle Investors
4179 Piedmont Avenue
Oakland, CA 94611

Mr. Breece Sloan
2057 Vanderslice Avenue
Walnut Creek, CA 94596

Mr. John Gwynn
Gwynn-Schiels & Associates
300 Lakeside Drive, Suite 1980
Oakland, CA 94612

BLAINE
TECH SERVICES INC

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



January 22, 1998

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

4th Quarter 1997 Monitoring at 9-3864

Fourth Quarter 1997 Groundwater Monitoring at
Former Chevron Service Station Number 9-3864
5101 Telegraph Avenue
Oakland, CA

Monitoring Performed on December 12, 1997

Groundwater Sampling Report 971212-A-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

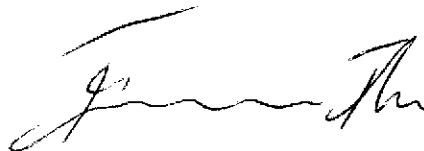
also contains new groundwater elevation calculations taken from the computer plotted gradient map which is located in the **Professional Engineering Appendix**.

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,

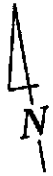


Francis Thie
Vice President

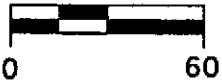
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attachments: Professional Engineering Appendix
Cumulative Table of Well Data and Analytical Results
Analytical Appendix
Field Data Sheets

Professional Engineering Appendix



SCALE (ft)



EXPLANATION

⊕ MONITORING WELL

∅ ABANDONED WELL

102.85 GROUNDWATER ELEVATION (FT, MSL)

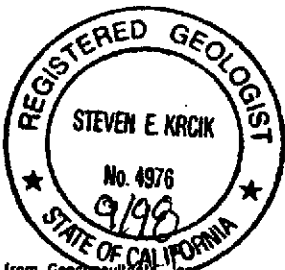
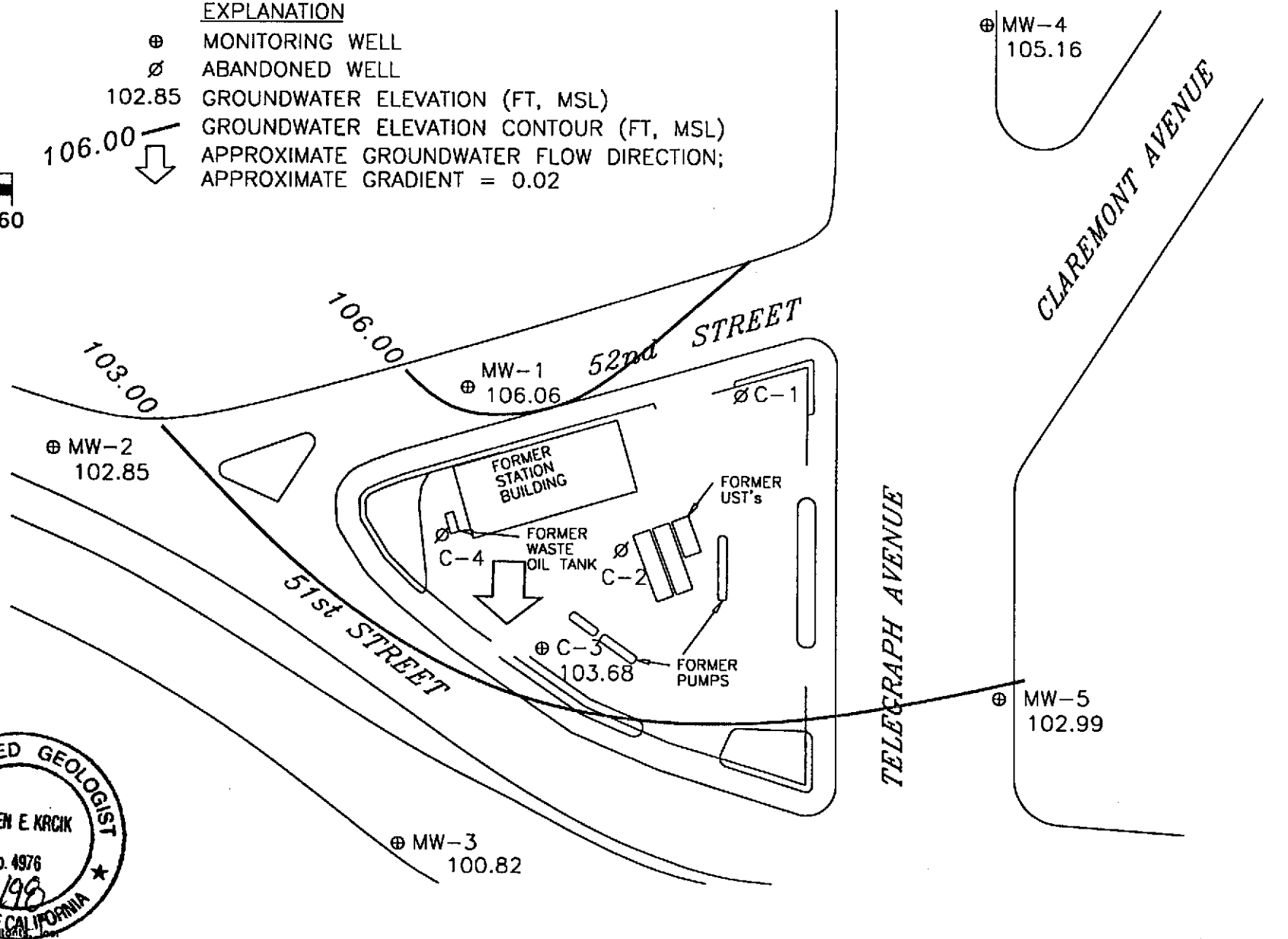
— GROUNDWATER ELEVATION CONTOUR (FT, MSL)

106.00 ↓ APPROXIMATE GROUNDWATER FLOW DIRECTION;
APPROXIMATE GRADIENT = 0.02

⊕ MW-4
105.16

CLAREMONT AVENUE

TELEGRAPH AVENUE



Basemap from Geospatial Solutions, Inc.

PREPARED BY



Former Chevron Station 9-3864
5101 Telegraph Avenue
Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP,
DECEMBER 12, 1997

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										
12/06/90	117.45	102.11	15.34	--	1900	17	11	3.0	21	--
06/06/91	117.45	102.83	14.62	--	3400	21	15	11	18	--
12/04/91	117.45	102.97	14.48	--	2700	22	16	13	23	--
06/02/92	117.45	102.92	14.53	--	1900	170	170	13	83	--
09/16/92	117.45	102.52	14.93	--	810	5.8	5.7	2.0	6.3	--
12/21/92	117.45	103.72	13.73	--	75	2.4	2.9	1.4	4.7	--
03/11/93	117.45	103.62	13.83	--	150	2.4	20	3.3	23	--
06/11/93	117.45	103.26	14.19	--	400	4.3	2.3	1.0	3.5	--
09/13/93	117.45	102.85	14.60	--	4100	62	43	34	57	--
12/14/93	117.45	103.67	13.78	--	3100	9.5	4.5	1.2	11	--
03/16/94	117.45	103.44	14.01	--	410	6.3	3.1	1.3	4.5	--
06/17/94	117.45	102.90	14.55	--	3700	100	42	30	91	--
08/29/94	117.45	102.96	14.49	--	2600	15	<0.5	6.7	9.7	--
12/06/94	117.45	104.04	13.41	--	510	2.0	2.2	1.7	9.4	--
03/31/95	117.45	105.33	12.12	--	5440	9.0	2.3	2.0	3.6	--
06/24/95	117.45	103.45	14.00	--	260	5.8	1.0	0.94	0.88	--
09/12/95	117.45	103.42	14.03	--	650	14	1.1	1.6	2.4	--
12/29/95	117.45	104.50	12.95	--	990	32	6.3	4.0	3.2	46
02/29/96	117.45	105.27	12.18	--	840	2.5	<1.0	2.6	7.3	<5.0
06/26/96	117.45	103.72	13.73	--	290	3.6	0.73	1.0	1.1	9.9
09/12/96	117.45	103.32	14.13	--	1200	17	1.8	4.0	4.4	24
12/11/96	117.45	104.66	12.79	--	7700	<10	53	19	44	87
03/31/97	117.45	--	--	Abandoned	--	--	--	--	--	--

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										
12/06/90	116.16	100.82	15.34	--	210	140	9.0	2.0	11	--
06/06/91	116.16	101.54	14.62	--	4800	340	23	19	23	--
12/04/91	116.16	100.73	15.43	--	3900	85	15	9.1	15	--
06/02/92	116.16	101.74	14.42	--	3300	76	9.2	14	15	--
09/16/92	116.16	101.35	14.81	--	3000	16	15	3.4	7.5	--
12/21/92	116.16	102.79	13.37	--	2200	21	12	7.1	15	--
03/11/93	116.16	102.69	13.47	--	2200	33	24	12	25	--
06/11/93	116.16	102.18	13.98	--	2600	21	25	11	26	--
09/13/93	116.16	101.61	14.55	--	2100	31	25	18	39	--
12/14/93	116.16	102.46	13.70	--	3800	<2.5	24	12	20	--
03/16/94	116.16	102.51	13.65	--	2600	12	15	10	17	--
06/17/94	116.16	102.87	13.29	--	2400	17	19	28	71	--
08/29/94	116.16	111.60	4.56	--	3000	29	15	20	4.2	--
12/06/94	116.16	102.98	13.18	--	1900	7.9	30	14	31	--
03/31/95	116.16	104.10	12.06	--	890	<1.3	<1.3	2.6	<1.3	--
06/24/95	116.16	102.19	13.97	--	730	4.8	<0.5	5.4	0.96	--
09/12/95	116.16	102.28	13.88	--	1600	<2.5	<2.5	5.4	<2.5	--
12/29/95	116.16	103.31	12.85	--	1000	9.1	2.7	8.7	2.7	19
02/29/96	116.16	104.09	12.07	--	850	<2.5	<2.5	8.7	11	<12
06/26/96	116.16	102.50	13.66	--	2500	14	<5.0	13	6.3	<25
09/12/96	116.16	102.25	13.91	--	1800	26	19	17	31	37
12/11/96	116.16	103.82	12.34	--	2800	<5.0	34	14	<5.0	41
03/31/97	116.16	--	--	Abandoned	--	--	--	--	--	--

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										
12/06/90	115.70	98.84	16.86	--	210	2.0	<0.5	<0.5	1.0	--
12/06/90	115.70	--	--	Duplicate	220	2.0	0.6	<0.5	2.0	--
06/06/91	115.70	100.01	15.69	--	6400	310	21	16	21	--
09/16/92	115.70	99.81	15.89	--	7100	130	26	12	30	--
12/04/91	115.70	100.32	15.38	--	5100	120	18	17	20	--
06/02/92	115.70	100.30	15.40	--	6700	140	44	17	37	--
12/21/92	115.70	101.79	13.91	--	13,000	390	360	100	410	--
03/11/93	115.70	101.95	13.75	--	5100	86	20	12	23	--
06/11/93	115.70	101.03	14.67	--	7200	91	38	19	38	--
09/13/93	115.70	100.17	15.53	--	6800	100	52	41	75	--
12/14/93	115.70	101.30	14.40	--	8600	74	23	18	36	--
03/16/94	115.70	101.44	14.26	--	6000	100	42	27	30	--
06/17/94	115.70	100.60	15.10	--	15,000	170	120	120	270	--
08/29/94	115.70	100.30	15.40	--	26,000	51	<0.5	58	107	--
12/06/94	115.70	101.90	13.80	--	34,000	88	140	98	390	--
03/31/95	115.70	102.91	12.79	--	2800	42	<5.0	<5.0	6.6	--
06/24/95	115.70	100.84	14.86	--	5200	34	<10	<10	13	--
09/12/95	115.70	100.76	14.94	--	7000	45	<10	28	42	--
12/29/95	115.70	102.12	13.58	--	5100	20	<10	<10	19	<50
02/29/96	115.70	102.88	12.82	--	2600	15	<5.0	17	16	<25
06/26/96	115.70	101.32	14.38	--	4400	<10	<10	<10	<10	<50
09/12/96	115.70	100.75	14.95	--	5800	73	22	18	17	61
12/11/96	115.70	103.08	12.62	--	8800	81	<20	<20	37	200
03/31/97	115.70	100.70	15.00	--	8100	38	62	30	42	38
06/29/97	115.70	100.08	15.62	--	5800	<10	<10	<10	67	<50
09/30/97	115.70	100.70	15.00	--	6200	<10	28	21	27	130
12/12/97	115.70	103.68	12.02	--	330	1.6	1.1	<1.0	3.4	<5.0

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										
12/06/90	116.10	98.42	17.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/18/90	116.10	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/06/91	116.10	99.61	16.49	--	<50	1.0	1.0	<0.5	0.7	--
12/04/91	116.10	99.28	16.82	--	70	6.5	9.8	1.7	8.6	--
06/02/92	116.10	99.18	16.92	--	70	3.0	4.4	1.8	9.0	--
09/16/92	116.10	98.39	17.71	--	<50	1.4	1.8	<0.5	1.1	--
12/21/92	116.10	100.74	15.36	--	<50	0.6	0.7	<0.5	1.5	--
03/11/93	116.10	100.61	15.49	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	116.10	99.83	16.27	--	52	0.9	3.1	0.7	3.8	--
09/13/93	116.10	98.92	17.18	--	64	0.9	1.0	<0.5	1.7	--
12/14/93	116.10	101.03	15.07	--	<50	<0.5	0.8	<0.5	0.7	--
03/16/94	116.10	100.19	15.91	--	<50	<0.5	1.0	<0.5	0.8	--
06/17/94	116.10	99.46	16.64	--	230	0.6	2.2	2.2	11	--
08/29/94	116.10	99.05	17.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	116.10	101.52	14.58	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	116.10	102.26	13.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	116.10	100.05	16.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	116.10	99.87	16.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	116.10	101.35	14.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	116.10	102.40	13.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	116.10	100.30	15.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	116.10	99.67	16.43	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	116.10	103.18	12.92	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	116.10	--	--	Abandoned	--	--	--	--	--	--

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
MW-1										
09/20/93	115.05	102.37	12.68	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	115.05	105.01	10.04	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	115.05	103.10	11.95	--	<50	<0.5	1.7	<0.5	2.1	--
06/17/94	115.05	102.51	12.54	--	350	1.2	3.7	2.0	12	--
08/29/94	115.05	101.98	13.07	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	115.05	104.45	10.60	--	140	0.9	2.8	1.1	4.2	--
03/31/95	115.05	104.74	10.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	115.05	102.44	12.61	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	115.05	102.00	13.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/02/96	115.05	106.19	8.86	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	115.05	105.39	9.66	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	115.05	102.85	12.20	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	115.05	101.55	13.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	115.05	105.90	9.15	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	115.05	102.30	12.75	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	115.05	102.01	13.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	115.05	101.80	13.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	115.05	106.06	8.99	--	<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
MW-2										
09/20/93	112.08	99.93	12.15	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	112.08	97.36	14.72	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	112.08	100.92	11.16	--	<50	<0.5	1.1	<0.5	0.9	--
06/17/94	112.08	100.41	11.67	--	330	1.4	3.3	1.9	11	--
08/29/94	112.08	100.08	12.00	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/94	112.08	102.57	9.51	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/31/95	112.08	103.24	8.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	112.08	100.44	11.64	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	112.08	100.00	12.08	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	112.08	101.58	10.50	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/29/96	112.08	104.08	8.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	112.08	100.58	11.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	112.08	99.81	12.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	112.08	104.17	7.91	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	112.08	100.20	11.88	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	112.08	99.89	12.19	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	112.08	99.46	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	112.08	102.85	9.23	--	<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
MW-4										
09/20/93	118.10	107.17	10.93	--	5800	16	4.2	35	48	--
12/14/93	118.10	108.33	9.77	--	7100	19	6.5	24	35	--
03/16/94	118.10	107.99	10.11	--	8500	83	43	60	70	--
06/17/94	118.10	107.20	10.90	--	21,000	150	20	140	350	--
08/29/94	118.10	107.28	10.82	--	10,000	86	71	44	85	--
12/06/94	118.10	108.70	9.40	--	13,000	68	56	67	110	--
03/31/95	118.10	109.31	8.79	--	6700	100	9.4	26	23	--
06/24/95	118.10	107.60	10.50	--	6300	<20	<20	<20	24	--
09/12/95	118.10	107.90	10.20	--	7100	65	16	<10	21	--
12/29/95	118.10	108.86	9.24	--	3300	<10	<10	12	14	720
02/29/96	118.10	111.85	6.25	--	5100	<10	37	23	21	85
06/26/96	118.10	107.92	10.18	--	6800	<20	<20	<20	<20	<100
09/12/96	118.10	107.53	10.57	--	13,000	150	<10	38	35	240
12/11/96	118.10	109.39	8.71	--	26,000	<20	<20	<20	170	<100
03/31/97	118.10	107.18	10.92	--	12,000	120	74	45	70	240
06/29/97	118.10	106.43	11.67	--	8800	24	<10	35	36	62
09/30/97	118.10	107.20	10.90	--	10,000	<10	<10	37	35	72
12/12/97	118.10	105.16	12.94	--	4600	95	41	20	25	91

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
MW-5										
09/20/93	116.74	101.43	15.31	--	590	25	1.8	0.6	2.0	--
12/14/93	116.74	102.19	14.55	--	210	11	6.3	2.3	6.1	--
03/16/94	116.74	101.77	14.97	--	270	12	16	4.8	17	--
06/17/94	116.74	101.36	15.38	--	220	24	17	6.7	28	--
08/29/94	116.74	101.54	15.20	--	1000	<0.5	<0.5	<0.5	<0.5	--
12/06/94	116.74	102.09	14.65	--	110	9.2	9.7	2.2	11	--
03/31/95	116.74	103.04	13.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/24/95	116.74	101.95	14.79	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	116.74	102.15	14.59	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	116.74	101.76	14.98	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/96	116.74	103.07	13.67	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	116.74	102.50	14.24	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	116.74	102.12	14.62	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/96	116.74	102.93	13.81	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	116.74	101.29	15.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	116.74	102.07	14.67	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	116.74	101.89	14.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	116.74	102.99	13.75	--	<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
TRIP BLANK										
12/06/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/18/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/06/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/04/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/02/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/16/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/21/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/11/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/13/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/14/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/16/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/29/94	--	--	--	--	<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	--
06/24/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/29/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/26/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/12/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/11/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/31/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	--	--	--	--	<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



Sequoia Analytical

680 Chesapeake Drive
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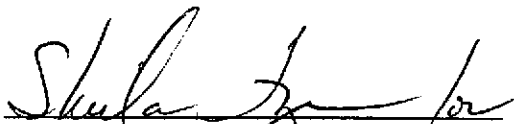
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-3864/971212-A1 Sample Descript: MW1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9712952-01	Sampled: 12/12/97 Received: 12/15/97 Analyzed: 12/17/97 Reported: 12/22/97
--	--	---

QC Batch Number: GC121797802004A
Instrument ID: HP-4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	105

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271



 Peggy Penner
 Project Manager





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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-3864/971212-A1 Sample Descript: MW2 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9712952-02	Sampled: 12/12/97 Received: 12/15/97 Analyzed: 12/17/97 Reported: 12/22/97
Attention: Fran Thie		

QC Batch Number: GC121797802004A
Instrument ID: HP-4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	106

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





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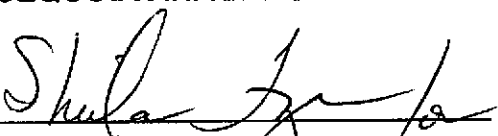
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-3864/971212-A1 Sample Descript: MW3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9712952-03	Sampled: 12/12/97 Received: 12/15/97 Analyzed: 12/19/97 Reported: 12/22/97
Attention: Fran Thie		

QC Batch Number: GC121997802004A
Instrument ID: HP-4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	68
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	1.8
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	99

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





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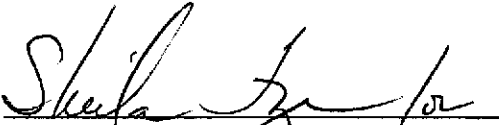
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-3864/971212-A1 Sample Descript: MW4 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9712952-04	Sampled: 12/12/97 Received: 12/15/97 Analyzed: 12/18/97 Reported: 12/22/97
--	--	---

QC Batch Number: GC121897802004A
Instrument ID: HP-4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	1000	4600
Methyl t-Butyl Ether	50	91
Benzene	10	95
Toluene	10	41
Ethyl Benzene	10	20
Xylenes (Total)	10	25
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	107

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





Sequoia Analytical

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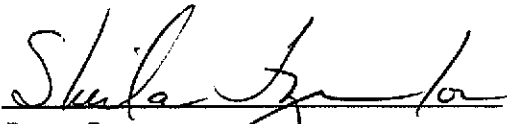
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-3864/971212-A1 Sample Descript: MW5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9712952-05	Sampled: 12/12/97 Received: 12/15/97 Analyzed: 12/17/97 Reported: 12/22/97
Attention: Fran Thie		

QC Batch Number: GC121797802004A
Instrument ID: HP-4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	106

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





Sequoia Analytical

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Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-3864/971212-A1 Sample Descript: C-3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9712952-06	Sampled: 12/12/97 Received: 12/15/97 Analyzed: 12/18/97 Reported: 12/22/97
Attention: Fran Thie		

QC Batch Number: GC121897802004A
Instrument ID: HP-4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	100	330
Methyl t-Butyl Ether	5.0	N.D.
Benzene	1.0	1.6
Toluene	1.0	1.1
Ethyl Benzene	1.0	N.D.
Xylenes (Total)	1.0	3.4
Chromatogram Pattern:		Gas
Unidentified HC		> C8
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	95

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





Sequoia Analytical

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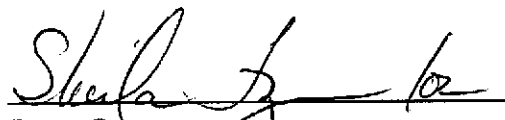
Blaine Tech Services 1680 Rogers Avenue San Jose, CA 95112	Client Proj. ID: Chevron 9-3864/971212-A1 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9712952-07	Sampled: 12/12/97 Received: 12/15/97 Analyzed: 12/17/97 Reported: 12/22/97
Attention: Fran Thie		

QC Batch Number: GC121797802004A
Instrument ID: HP-4

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	108

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1271


Peggy Penner
Project Manager





Blaine Tech Services, Inc. Client Project ID: Chevron 9-3864 / 971212-A1
1680 Rogers Ave. Matrix: Liquid
San Jose, CA 95112
Attention: Fran Thie Work Order #: 9712952 -01, 02, 05, 07 Reported: Dec 29, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC121797802004A	GC121797802004A	GC121797802004A	GC121797802004A	GC121797802004A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8021
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb
MS/MSD #:	7121255	7121255	7121255	7121255	7121255
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/17/97	12/17/97	12/17/97	12/17/97	12/17/97
Analyzed Date:	12/17/97	12/17/97	12/17/97	12/17/97	12/17/97
Instrument I.D.#:	HP4	HP4	HP4	HP4	HP4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	290 µg/L
Result:	21	23	20	63	350
MS % Recovery:	105	115	100	105	121
Dup. Result:	20	21	20	62	330
MSD % Recov.:	100	105	100	103	114
RPD:	4.9	9.1	0.0	1.6	5.9
RPD Limit:	0-20	0-20	0-20	0-20	0-50

LCS #:	LCS121797	LCS121797	LCS121797	LCS121797	LCS121797
Prepared Date:	12/17/97	12/17/97	12/17/97	12/17/97	12/17/97
Analyzed Date:	12/17/97	12/17/97	12/17/97	12/17/97	12/17/97
Instrument I.D.#:	HP4	HP4	HP4	HP4	HP4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	290 µg/L
LCS Result:	21	21	20	64	340
LCS % Recov.:	105	105	100	107	117

MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130	70-130
Control Limits					

SEQUOIA ANALYTICAL
Elap #1271

Peggy Penner
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.





Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-3864 / 971212-A1
Matrix: Liquid

Work Order #: 9712952-03

Reported: Dec 29, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC121997802004A	GC121997802004A	GC121997802004A	GC121997802004A	GC121997802004A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8021
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb
MS/MSD #:	7121254	7121254	7121254	7121254	7121254
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/19/97	12/19/97	12/19/97	12/19/97	12/19/97
Analyzed Date:	12/19/97	12/19/97	12/19/97	12/19/97	12/19/97
Instrument I.D.#:	HP4	HP4	HP4	HP4	HP4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	310 µg/L

Result:	18	18	18	56	310
MS % Recovery:	90	90	90	93	100

Dup. Result:	18	18	18	56	310
MSD % Recov.:	90	90	90	93	100

RPD:	0.0	0.0	0.0	0.0	0.0
RPD Limit:	0-20	0-20	0-20	0-20	0-50

LCS #:	LCS121997	LCS121997	LCS121997	LCS121997	LCS121997
Prepared Date:	12/19/97	12/19/97	12/19/97	12/19/97	12/19/97
Analyzed Date:	12/19/97	12/19/97	12/19/97	12/19/97	12/19/97
Instrument I.D.#:	HP4	HP4	HP4	HP4	HP4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	310 µg/L
LCS Result:	16	16	16	50	280
LCS % Recov.:	80	80	80	83	90

MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130	70-130
Control Limits					

SEQUOIA ANALYTICAL
Elap #1271

Peggy Penner
Project Manager

Please Note:

The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9712952.BLA <2>





Blaine Tech Services, Inc.
1680 Rogers Ave.
San Jose, CA 95112
Attention: Fran Thie

Client Project ID: Chevron 9-3864 / 971212-A1
Matrix: Liquid

Work Order #: 9712952-04, 06

Reported: Dec 29, 1997

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC121897802004A	GC121897802004A	GC121897802004A	GC121897802004A	GC121897802004A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8021
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb
MS/MSD #:	7121269	7121269	7121269	7121269	7121269
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97
Analyzed Date:	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97
Instrument I.D.#:	HP4	HP4	HP4	HP4	HP4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	310 µg/L

Result:	20	20	20	62	340
MS % Recovery:	100	100	100	103	110

Dup. Result:	20	20	19	60	340
MSD % Recov.:	100	100	95	100	110

RPD:	0.0	0.0	5.1	3.3	0.0
RPD Limit:	0-20	0-20	0-20	0-20	0-50

LCS #:	LCS121897	LCS121897	LCS121897	LCS121897	LCS121897
Prepared Date:	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97
Analyzed Date:	12/18/97	12/18/97	12/18/97	12/18/97	12/18/97
Instrument I.D.#:	HP4	HP4	HP4	HP4	HP4
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	310 µg/L
LCS Result:	20	20	20	62	310
LCS % Recov.:	100	100	100	103	100

MS/MSD	60-140	60-140	60-140	60-140	60-140
LCS	70-130	70-130	70-130	70-130	70-130
Control Limits					

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Reggy Penner
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** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

9712952.BLA <3>





Blaine Tech Services
1680 Rogers Avenue
San Jose, CA 95112
Attention: Fran Thie

Client Proj. ID: Chevron 9-3864/971212-A1

Received: 12/15/97

Lab Proj. ID: 9712952


Reported: 12/22/97

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 11 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

TPPH Note: Sample 9712952-04 was diluted 20-fold.
Sample 9712952-06 was diluted 2-fold.

SEQUOIA ANALYTICAL


Peggy Penner
Project Manager



Chain-of-Custody-Rec

Chevron U.S.A. Inc.
 P.O. BOX 5004
 San Ramon, CA 94583
 FAX (415)842-9591

Chevron Facility Number 9-3864
 Facility Address 5101 Telegraph, Oakland, CA
 Consultant Project Number 971212-A1
 Consultant Name Blaine Tech Services, Inc.
 Address 1680 Rogers Ave., San Jose, CA 95112
 Project Contact (Name) Fran Thie
 (Phone) 408-573-0555 (Fax Number) 408-573-7771

Chevron Contact (Name) Phil Briggs
 (Phone) (510) 842-9136
 Laboratory Name Sequoia
 Laboratory Release Number 9034826
 Samples Collected by (Name) AL GENTRY
 Collection Date 12-12-97
 Signature Al Gentry

Sample Number	Lab Sample Number	Number of Containers	Media S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analytes To Be Performed										DO NOT BILL FOR TB-LB					
								9712952 TEX + TPH GAS (8020 + 8015)	TPH Dissol (8015)	Oil and Grease (5520)	Purgeable Hydrocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd, Cr, Pb, Zn, Ni (ICAP or AA)	MTEC	Remarks						
MW 1	1	3	WATER		0900	HCL		X															
MW 2	2	3			0838			X															
MW 3	3	3			1044			X															
MW 4	4	3			1010			X															
MW 5	5	3			0930			X															
C-3	6	3			1153			X															
TB	7	3						X															

Relinquished By (Signature) <u>A. Gentry</u>	Organization <u>BLAINE TECH</u>	Date/Time <u>12/12/97 1105</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>SA</u>	Date/Time <u>12/15/97 1105</u>	Turn Around Time (Circle Choice) 24 Hrs. <input type="checkbox"/> 15 <input type="checkbox"/> 11 <input type="checkbox"/> 39 <input type="checkbox"/> 48 Hrs. <input type="checkbox"/> 5 Days <input type="checkbox"/> <input checked="" type="checkbox"/> 10 Days <input type="checkbox"/> As Contracted
Relinquished By (Signature) /	Organization /	Date/Time /	Received By (Signature) /	Organization /	Date/Time /	
Relinquished By (Signature) /	Organization /	Date/Time /	Received For Laboratory By (Signature) <u>Jenni Downs</u>	Organization /	Date/Time <u>12-15 1139</u>	

Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: 971212-A1	Station #: 9-3864
Sampler: AL	Date: 12-12-97
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8
Total Well Depth: 23.74	Depth to Water: 8.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (P)C 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 <input checked="" type="checkbox"/> Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer <input checked="" type="checkbox"/> Disposable Bailer Extraction Port Other: _____
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2.36	x	3	=	7.08	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
0854	66.8	7.4	500	2.0	
0856	66.8	7.2	400	5.0	
0858	67.0	7.2	400	8.0	

Did well dewater? Yes No Gallons actually evacuated: 8.0

Sampling Time: 0900 Sampling Date: 12-12-97

Sample I.D.: MW1 Laboratory: (S)equoia GTEL 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 #: 471212-A1	Station #: 9-3864
Sampler: AL	Date: 11-12-97
Well I.D.: MW2	Well Diameter: (2) 3 4 6 8 _____
Total Well Depth: 24.41	Depth to Water: 9.23
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 λ Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer λ Disposable Bailer Extraction Port Other: _____
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<u>7.42</u>	x	<u>3</u>	=	<u>7.28</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
0830	67.8	7.6	900	2.0	
0832	67.8	7.4	800	5.0	
0834	68.0	7.4	800	8.0	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 8.0
Sampling Time: 0838	Sampling Date: 11-12-97
Sample I.D.: MW2	Laboratory: Sequoia GTEL 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 #: 971212-A1	Station #: 9-3064
Sampler: AL	Date: 12-12-97
Well I.D.: m.w.3	Well Diameter: (2) 3 4 6 8
Total Well Depth: 26.64	Depth to Water: 12.85
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: _____

2.76	x	3	=	6.6	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1035	70.0	7.0	900	2.0	
1037	70.2	6.9	900	5.0	
1039	70.8	6.8	800	7.0	

Did well dewater? Yes No Gallons actually evacuated: 7.0

Sampling Time: 1044 Sampling Date: 12-12-97

Sample I.D.: m.w.3 Laboratory: Sequoia GTEL 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 #: 971212-A1	Station #: 9-3864
Sampler: AL	Date: 12-12-97
Well I.D.: mw4	Well Diameter: (2) 3 4 6 8
Total Well Depth: 20.95	Depth to Water: 12.94
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 <input checked="" type="checkbox"/> Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer <input checked="" type="checkbox"/> Disposable Bailer Extraction Port Other: _____
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<u>1.28</u>	x	<u>3</u>	=	<u>3.8</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1000	70.0	7.0	800	1.0	odor / SHEEN
1002	70.2	7.0	800	2.0	
1005	70.6	6.8	700	4.0	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 4.0
Sampling Time: 1010	Sampling Date: 12-12-97
Sample I.D.: mw4	Laboratory: Sequoia GTEL N. Creek Assoc. Labs
Analyzed for: TPH-G <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> MTBE <input checked="" type="checkbox"/> TPH-D <input type="checkbox"/> Other: _____	
Duplicate I.D.: _____	Analyzed for: TPH-G <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE <input type="checkbox"/> TPH-D <input type="checkbox"/> 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 #: 971212-A1	Station #: 9-3864
Sampler: AL	Date: 12-12-97
Well I.D.: mw5	Well Diameter: (2) 3 4 6 8
Total Well Depth: 21.55	Depth to Water: 13.75
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVO) 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 <input checked="" type="checkbox"/> Disposable Bailer Middleburg Electric Submersible Extraction Pump Other: _____	Sampling Method: Bailer <input checked="" type="checkbox"/> Disposable Bailer Extraction Port Other: _____
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1.2	x	3	=	3.7	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
0915	70.0	7.6	600	1.0	
0917	70.2	7.4	600	2.0	
0919	70.6	7.4	500	4.0	

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Gallons actually evacuated: 4.0
Sampling Time: 0930	Sampling Date: 17-12-97
Sample I.D.: mw5	Laboratory: (Sequoia) GTEL 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 #: 871212-A1	Station #: 4-3864
Sampler: A1	Date: 12-12-97
Well I.D.: C-3	Well Diameter: <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 _____
Total Well Depth: 29.02	Depth to Water: 12.02
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> 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: _____

<u>2.72</u>	\times	<u>3</u>	$=$	<u>8.16</u>	Gals.
1 Case Volume (Gals.)		Specified Volumes		Calculated Volume	

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1145	67.2	7.6	1000	2.0	SHEEN
1147	67.4	7.6	900	4.0	
1149	67.8	7.4	900	9.0	

Did well dewater? Yes No Gallons actually evacuated: 9.0

Sampling Time: 1153 Sampling Date: 12-12-97

Sample I.D.: C-3 Laboratory: Sequoia GTEL 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