

BLAINE TECH SERVICES INC.

985 TIMOTHY DRIVE
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November 3, 1995

Mark Miller
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

3rd Quarter 1995 Monitoring at 9-0121

Third Quarter 1995 Groundwater Monitoring at
Chevron Service Station Number 9-0121
3026 Lakeshore Avenue
Oakland, CA

Monitoring Performed on September 28, 1995

5000-0-0121-05
10/10/95
Blaine Tech Services, Inc.

Groundwater Sampling Report 950928-S-3

This report covers the routine quarterly 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 Chevron's Richmond Refinery for disposal.

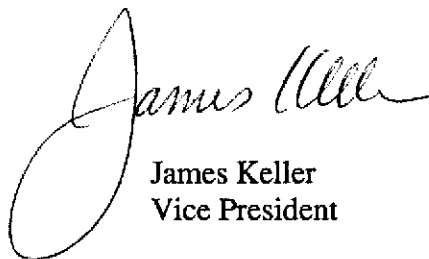
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL DATA AND ANALYTICAL RESULTS**. The full analytical report for the most recent samples is located in the **Analytical Appendix**. The table also contains new groundwater 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,

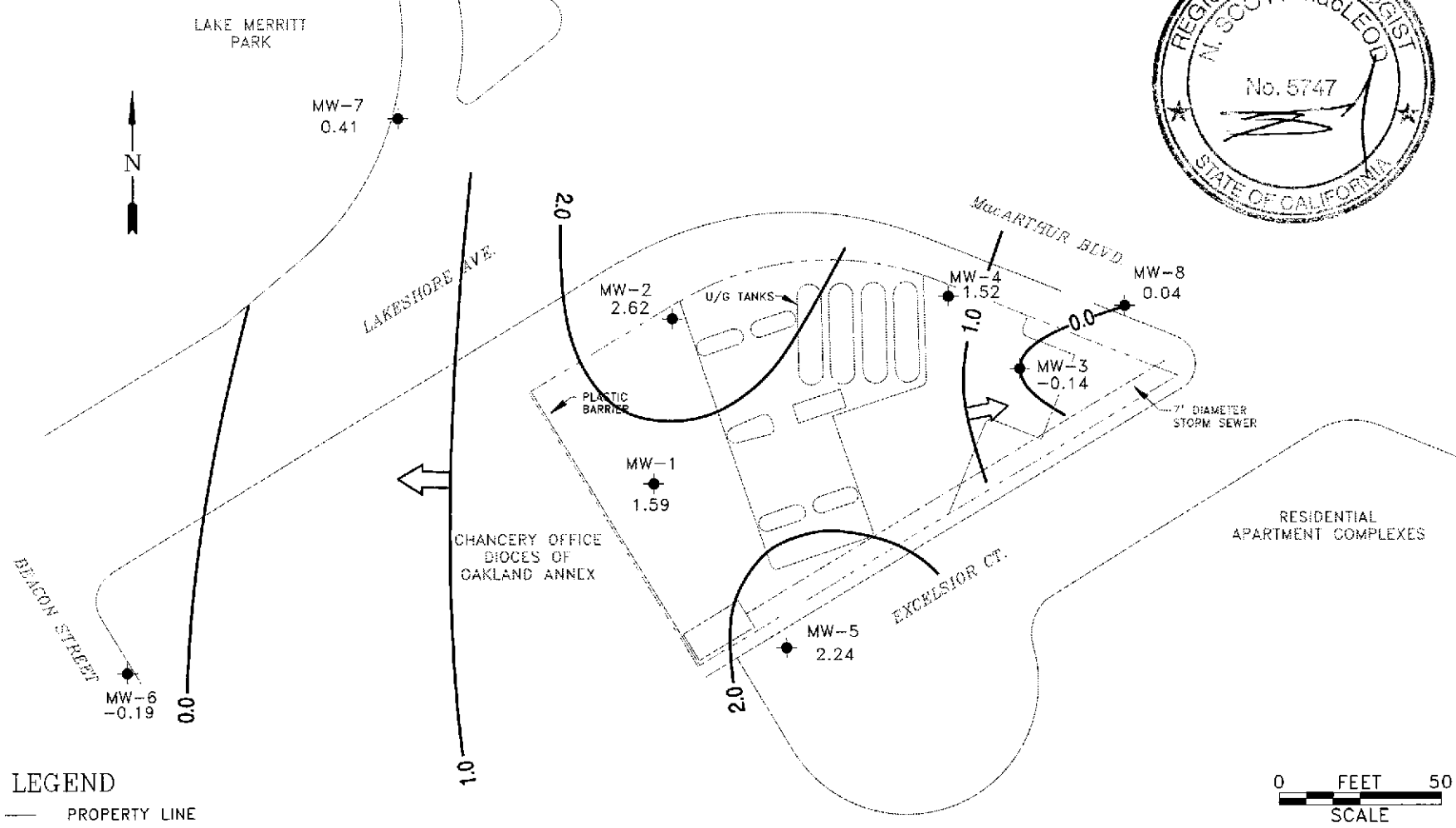
A handwritten signature in black ink that reads "James Keller". The signature is written in a cursive style with a large, looped initial "J".

James Keller
Vice President

JPK/dk

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

Professional Engineering Appendix



LEGEND

- PROPERTY LINE
- MONITORING WELL
- POTENTIOMETRIC SURFACE ELEVATION (FT)
- POTENTIOMETRIC SURFACE CONTOUR
- GROUNDWATER FLOW DIRECTION

NOTE:
 1. CONTOURS REPRESENT APPROXIMATE ELEVATIONS RELATIVE TO MEAN SEA LEVEL.



Base map from Groundwater Technology, Inc.

CAMBRIA
 Environmental Technology, Inc.

Chevron Station 9-0121
 3026 Lakeshore Avenue
 Oakland, California

VCHEVROM9-0121\0121-QM.DWG

Ground Water Elevation
 September 28, 1995

FIGURE
1

Table of Well Data and Analytical Results

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-1															
08/20/91	6.82	1.62	5.20	--	--	--	--	5100	1700	21	220	34	260	--	--
09/30/91	6.82	1.15	5.67	Sheen	--	--	--	--	--	--	--	--	--	--	--
10/28/91	6.82	1.50	5.30	0.03	--	--	--	--	--	--	--	--	--	--	--
01/08/92	6.82	1.67	5.15	Sheen	--	--	--	5400	770	13	95	31	4400	--	--
01/13/92	6.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/23/92	6.89	1.48	5.41	--	--	--	--	7700	1500	40	230	100	2000	--	--
08/24/92	6.89	1.12	5.77	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	6.89	1.00	5.89	--	--	--	--	3500	1700	28	190	78	<50	--	--
10/26/92	6.89	0.95	5.94	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	6.89	2.18	4.71	--	--	--	--	60,000	7100	240	2000	1300	5500	--	--
01/08/93	6.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	6.89	2.17	4.72	--	--	--	--	530	1100	41	67	79	<10	--	--
06/11/93	6.89	5.37	5.07	--	--	--	--	7000	1900	33	120	69	--	840	9600
09/29/93	6.89	1.13	5.76	--	--	--	--	6600	1600	28	43	74	<10	--	--
12/20/93	6.89	1.74	5.15	--	--	--	--	6300	1900	36	82	65	<10	--	--
03/07/94	6.89	2.21	4.68	--	--	--	--	7700	1100	55	66	38	<10	--	12,000
06/17/94	6.89	1.83	5.06	--	--	--	--	4300	710	12	90	38	2200	--	--
09/12/94	6.89	1.24	5.65	--	--	--	--	6400	1500	<25	180	<25	2500	--	12,000
11/30/94	6.89	2.32	4.57	--	--	--	--	4900	690	26	97	60	2300*	--	3900
03/24/95	6.89	3.91	2.98	--	--	--	--	1800	160	7.3	11	14	1400**	--	1300
06/27/95	6.89	1.87	5.02	--	--	--	--	4600	1300	11	97	13	2300**	--	5100
09/28/95	6.89	1.59	5.30	--	--	--	--	6600	1500	<20	<20	<20	3900**	--	5800

* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-2															
08/20/91	6.27	1.92	4.35	--	--	--	--	9300	3700	55	530	75	600	--	--
09/30/91	6.27	1.28	4.99	--	--	--	--	3500	2600	47	440	68	--	--	--
10/28/91	6.27	1.36	4.91	--	--	--	--	4600	1800	29	290	53	--	--	--
01/08/92	6.27	1.63	4.64	Sheen	--	--	--	14,000	4300	70	<25	130	--	--	--
01/13/92	6.27	--	--	--	--	--	--	--	--	--	--	--	38,000	--	--
06/23/92	6.27	1.63	4.64	0.02	--	--	--	--	--	--	--	--	--	--	--
08/24/92	6.27	1.34	4.94	0.02	--	--	--	--	--	--	--	--	--	--	--
09/21/92	6.27	1.20	5.08	0.01	--	--	--	--	--	--	--	--	--	--	--
10/26/92	6.27	0.34	5.93	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	6.27	--	--	--	--	--	--	21,000	5400	59	1300	160	160,000	--	--
01/08/93	6.27	2.57	3.70	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	6.27	2.89	3.38	Sheen	--	--	--	--	--	--	--	--	--	--	--
06/11/93	6.27	2.09	4.18	--	--	--	--	5900	1100	23	240	51	--	2300	--
09/29/93	6.27	0.07	6.20	--	--	--	--	--	--	--	--	--	--	--	--
12/20/93	6.27	1.94	4.35	0.02	--	--	--	--	--	--	--	--	--	--	--
03/07/94	6.27	2.60	3.67	--	--	--	--	26,000	5700	170	1000	150	<10	--	--
06/17/94	6.27	2.25	4.02	Sheen	--	--	--	--	--	--	--	--	--	--	--
09/12/94	6.27	1.45	4.83	0.01	--	--	--	--	--	--	--	--	--	--	--
11/30/94	6.27	2.27	4.00	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
03/24/95	6.27	2.73	4.01	0.59	0.00	0.00	--	--	--	--	--	--	--	--	--
06/27/95	6.27	1.71	4.96	0.50	0.01	0.01	--	--	--	--	--	--	--	--	--
09/28/95	6.27	2.62	4.25	0.75	0.01	0.02	--	--	--	--	--	--	--	--	--

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-3															
08/20/91	8.71	0.26	8.45	--	--	--	--	3100	200	13	15	12	200	--	--
09/30/91	8.71	-0.03	8.74	--	--	--	--	1000	150	8.3	13	6.7	--	--	--
10/28/91	8.71	-0.05	8.76	--	--	--	--	1200	120	6.7	11	7.5	--	--	--
01/08/92	8.71	-0.06	8.77	--	--	--	--	410	120	0.9	4.1	3.4	--	--	--
01/13/92	8.71	--	--	--	--	--	--	--	--	--	--	--	220	--	--
06/23/92	8.71	0.03	8.68	--	--	--	--	630	43	0.8	8.2	3.4	<50	--	--
08/24/92	8.71	-0.14	8.85	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	8.71	-0.23	8.94	--	--	--	--	1800	730	1.4	66	39	<50	--	--
10/26/92	8.71	-0.36	9.07	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	8.71	--	--	--	--	--	--	840	270	3.4	15	4.2	850	--	--
01/08/93	8.71	1.02	7.69	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	8.71	0.97	7.74	--	--	--	--	760	270	4.0	10	5.0	<10	--	--
06/11/93	8.71	0.19	8.52	--	--	--	--	200	32	1.0	5.0	2.0	--	5600	--
09/29/93	8.71	2.66	6.05	--	--	--	--	9300	2800	60	270	62	--	--	--
12/20/93	8.71	-0.12	8.83	--	--	--	--	460	250	4.0	8.0	4.0	<10	--	--
03/07/94	8.71	0.64	8.07	--	--	--	--	2400	260	13	35	18	<10	--	--
06/17/94	8.71	0.19	8.52	--	--	--	--	1000	200	4.0	6.6	6.7	<50	--	--
09/12/94	8.71	-0.21	8.92	--	--	--	--	360	130	3.4	4.8	3.3	<50	--	130
11/30/94	8.71	0.58	8.13	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
03/24/95	8.71	1.93	6.78	--	--	--	--	4100	920	<10	23	<10	1200*	--	70
06/27/95	8.71	0.49	8.22	--	--	--	--	3100	640	16	31	<10	1000*	--	<50
09/28/95	8.71	-0.14	8.85	--	--	--	--	490	78	3.4	4.4	2.4	460*	--	38

* Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylene	TPH- Diesel	TDS	MTBE
MW-4															
08/20/91	7.37	1.32	5.05	--	--	--	--	1800	870	4.0	3.0	9.0	160	--	--
09/30/91	7.37	1.70	5.67	--	--	--	--	670	830	5.5	2.7	12	--	--	--
10/28/91	7.37	1.56	5.81	--	--	--	--	2800	990	5.8	4.8	19	--	--	--
01/08/92	7.37	2.03	5.34	--	--	--	--	2900	1200	10	7.0	18	--	--	--
01/13/92	7.37	--	--	--	--	--	--	--	--	--	--	--	1000	--	--
06/23/92	7.37	2.00	5.37	--	--	--	--	1600	380	6.5	3.0	12	<50	--	--
08/24/92	7.37	1.62	5.75	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	7.37	1.42	5.95	--	--	--	--	1200	480	5.6	3.7	11	<50	--	--
10/26/92	7.37	1.41	5.96	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	7.37	--	--	--	--	--	--	1500	700	3.6	3.2	11	1800	--	--
01/08/93	7.37	2.73	4.64	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	7.37	2.95	4.42	--	--	--	--	520	160	3.0	1.0	4.0	<10	--	--
06/11/93	7.37	2.25	5.12	--	--	--	--	1200	430	5.0	6.0	11	--	2600	--
09/29/93	7.37	1.57	5.80	--	--	--	--	1300	210	8.0	2.0	14	--	--	--
12/20/93	7.37	2.27	5.10	--	--	--	--	570	230	5.0	4.0	8.0	3900	--	--
03/07/94	7.37	2.36	5.01	--	--	--	--	2200	290	18	2.5	11	2600	--	22,000
06/17/94	7.37	1.55	5.82	--	--	--	--	2100	480	11	4.3	9.5	2800	--	--
09/12/94	7.37	1.73	5.64	--	--	--	--	1700	340	6.1	2.7	9.7	3000	--	63,000
11/30/94	7.37	1.79	5.58	--	--	--	Inaccessible	--	--	--	--	--	--	--	--
03/24/95	7.37	2.42	4.95	--	--	--	--	1500	280	<5.0	<5.0	6.9	3000*	--	12,000
06/27/95	7.37	-1.42	8.79	--	--	--	--	<10,000	310	<100	<100	<100	3100*	--	32,000
09/28/95	7.37	1.52	5.85	--	--	--	--	330	64	1.1	<0.5	<0.5	6300*	--	630

* Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Volumetric Measurements are in gallons.			Notes	Analytical results are in parts per billion (ppb)								
				SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE	
MW-5																
06/23/92	14.14	1.90	12.24	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--
08/24/92	14.14	1.85	12.29	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	14.14	1.68	12.46	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	60	--	--
10/26/92	14.14	1.62	12.52	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	14.14	3.02	11.12	--	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	14.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	14.14	4.40	9.74	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<10	--	--
06/11/93	14.14	3.70	10.44	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	770	--
09/29/93	14.14	2.22	11.92	--	--	--	--	<50	<0.5	0.6	<0.5	<0.5	0.6	<10	--	--
12/20/93	14.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/07/94	14.14	2.80	11.34	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<10	--	--
06/17/94	14.14	2.87	11.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--
09/12/94	14.14	1.28	12.86	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	<5.0
11/30/94	14.14	2.23	11.91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	99*	--	--
03/24/95	14.14	4.38	9.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--
06/27/95	14.14	2.74	11.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	55**	--	--
09/28/95	14.14	2.24	11.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	300**	--	--

* Chromatogram pattern indicates a non-diesel mix.

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Cumulative Table of Well Data and Analytical Results

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DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-6															
06/23/92	4.46	-0.68	5.14	--	--	--	--	<50	4.3	<0.5	0.8	0.9	120	--	--
08/24/92	4.46	-0.49	4.95	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	4.46	-0.44	4.90	--	--	--	--	<250	<2.5	<2.5	<2.5	<2.5	<50	--	--
10/26/92	4.46	-1.06	5.52	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	4.46	-0.94	5.40	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	81	--	--
01/08/93	4.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	4.46	-1.64	6.10	--	--	--	--	<50	<0.5	<0.5	<0.5	0.7	<10	--	--
06/11/93	4.46	-2.10	6.56	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	15,000	--
09/29/93	4.46	-0.71	5.17	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
12/20/93	4.46	-1.47	5.93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
03/07/94	4.46	-0.81	5.27	--	--	--	--	54	<0.5	<0.5	<0.5	0.6	<10	--	--
06/17/94	4.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/12/94	4.46	-0.64	5.10	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	<50
11/30/94	4.46	-1.12	5.58	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	800*	--	--
03/24/95	4.46	-1.87	6.33	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	490**	--	--
06/27/95	4.46	-3.74	8.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	300**	--	--
09/28/95	4.46	-0.19	4.65	--	--	--	--	120	1.1	<0.5	<0.5	<0.5	1200**	--	--

* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Volumetric Measurements			Notes	Analytical results								
				SPH Thickness	SPH Removed	Total SPH Removed		TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE	
MW-7																
06/23/92	5.26	0.88	4.38	--	--	--	--	<50	4.7	<0.5	<0.5	<0.5	<0.5	<50	--	--
08/24/92	5.26	-0.29	5.55	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	5.26	-0.39	5.65	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
10/26/92	5.26	-0.25	5.51	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	5.26	1.31	3.95	--	--	--	--	<50	2.9	<0.5	<0.5	<0.5	60	--	--	--
01/08/93	5.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	5.26	2.76	2.50	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--	--
06/11/93	5.26	1.80	3.46	--	--	--	--	<50	0.6	<0.5	<0.5	<0.5	--	2200	--	--
09/29/93	5.26	-0.26	5.52	--	--	--	--	<50	2.0	1.0	1.0	7.0	<10	--	--	--
12/20/93	5.26	0.85	4.41	--	--	--	--	<50	2.0	<0.5	<0.5	<0.5	<10	--	--	--
03/07/94	5.26	2.64	2.62	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--	--
06/17/94	5.26	1.99	3.27	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
09/12/94	5.26	1.15	4.11	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	<5.0
11/30/94	5.26	2.50	2.76	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	92*	--	--	--
03/24/95	5.26	3.06	2.20	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/27/95	5.26	1.36	3.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	69**	--	--	--
09/28/95	5.26	0.41	4.85	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	84**	--	--	--

* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
MW-8															
06/23/92	8.94	-15.20	24.14	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
08/24/92	8.94	0.34	8.60	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	8.94	0.55	8.39	--	--	--	--	94	<0.5	<0.5	<0.5	<0.5	<50	--	--
10/26/92	8.94	-0.18	9.12	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	8.94	0.83	8.11	--	--	--	--	<50	0.7	5.0	0.7	2.9	79	--	--
01/08/93	8.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	8.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/11/93	8.94	0.55	8.39	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	3500	--
09/29/93	8.94	0.69	8.25	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
12/20/93	8.94	0.48	8.46	--	--	--	--	<50	<0.5	0.6	<0.5	1.0	<10	--	--
03/07/94	8.94	0.28	8.66	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<10	--	--
06/17/94	8.94	0.12	8.82	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--
09/12/94	8.94	0.11	8.83	--	--	--	--	<50	<0.5	<0.5	<0.5	0.8	<50	--	<5.0
11/30/94	8.94	0.31	8.63	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	120*	--	--
03/24/95	8.94	0.43	8.51	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	110**	--	--
06/27/95	8.94	-0.03	8.97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	67**	--	--
09/28/95	8.94	0.04	8.90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	91**	--	--

* Chromatogram pattern indicates a non-diesel mix.

** Chromatogram pattern indicates an unidentified hydrocarbon.

Cumulative Table of Well Data and Analytical Results

Vertical Measurements are in feet.

Volumetric Measurements are in gallons.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	SPH Removed	Total SPH Removed	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TDS	MTBE
TRIP BLANK															
08/24/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/08/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/11/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/20/93	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/07/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/17/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/12/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--	--
11/30/94	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/24/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/27/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/28/95	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--

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.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

TDS = Total Dissolved Solids

MTBE = Methyl-tert-butyl ether

Analytical Appendix



Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-1 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9509J84-01	Sampled: 09/28/95 Received: 09/29/95 Extracted: 10/02/95 Analyzed: 10/04/95 Reported: 10/09/95
---	---	--

QC Batch Number: GC1002950HBPEXZ
Instrument ID: GCHP5A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	250 C9-C24	3900 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 91

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-1 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9509J84-01	Sampled: 09/28/95 Received: 09/29/95 Analyzed: 10/04/95 Reported: 10/09/95
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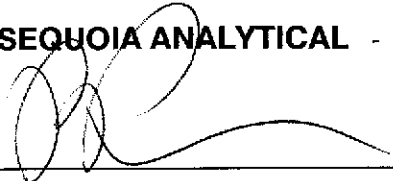
QC Batch Number: GC100495BTEX03A
Instrument ID: GCHP03

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	2000	6600
Methyl t-Butyl Ether	100	5800
Benzene	20	1500
Toluene	20	N.D.
Ethyl Benzene	20	N.D.
Xylenes (Total)	20	N.D.
Chromatogram Pattern: Unidentified HC		Gas < C8
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	87

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-3 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9509J84-02	Sampled: 09/28/95 Received: 09/29/95 Extracted: 10/02/95 Analyzed: 10/04/95 Reported: 10/09/95
--	---	--

QC Batch Number: GC1002950HBPEXZ
Instrument ID: GCHP4B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	460 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 70

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-3 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9509J84-02	Sampled: 09/28/95 Received: 09/29/95 Analyzed: 10/03/95 Reported: 10/09/95
---	---	---

QC Batch Number: GC100395BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	490
Methyl t-Butyl Ether	2.5	38
Benzene	0.50	78
Toluene	0.50	3.4
Ethyl Benzene	0.50	4.4
Xylenes (Total)	0.50	2.4
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	96

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-4 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9509J84-03	Sampled: 09/28/95 Received: 09/29/95 Extracted: 10/02/95 Analyzed: 10/04/95 Reported: 10/09/95
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QC Batch Number: GC1002950HBPEXZ
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	500 C9-C24	6300 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 75

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-4 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9509J84-03	Sampled: 09/28/95 Received: 09/29/95 Analyzed: 10/03/95 Reported: 10/09/95
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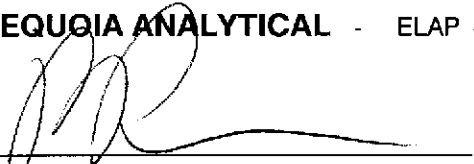
QC Batch Number: GC100395BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	330
Methyl t-Butyl Ether	2.5	630
Benzene	0.50	64
Toluene	0.50	1.1
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern: Weathered Gas		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	94

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





Blaine Technical Services	Client Proj. ID: Chevron 9-0121/950928-S3	Sampled: 09/28/95
985 Timothy Drive	Sample Descript: MW-5	Received: 09/29/95
San Jose, CA 95133	Matrix: LIQUID	Extracted: 10/02/95
Attention: Jim Keller	Analysis Method: EPA 8015 Mod	Analyzed: 10/04/95
	Lab Number: 9509J84-04	Reported: 10/09/95

QC Batch Number: GC1002950HBPEXZ
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	300 Unidentified HC

Discrete peaks were observed. The observed discrete peaks are not consistent with peaks commonly detected in motor fuel hydrocarbons.

Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	98

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-5 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9509J84-04	Sampled: 09/28/95 Received: 09/29/95 Analyzed: 10/03/95 Reported: 10/09/95
---	---	---

QC Batch Number: GC100395BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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	81

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-6 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9509J84-05	Sampled: 09/28/95 Received: 09/29/95 Extracted: 10/02/95 Analyzed: 10/04/95 Reported: 10/09/95
---	---	--

QC Batch Number: GC1002950HBPEXZ
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	1200 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 102

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-6 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9509J84-05	Sampled: 09/28/95 Received: 09/29/95 Analyzed: 10/04/95 Reported: 10/09/95
Attention: Jim Keller		

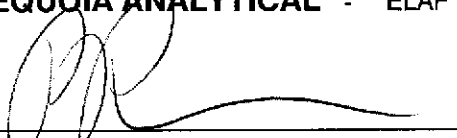
QC Batch Number: GC100395BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	120
Benzene	0.50	1.1
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern: Weathered Gas		C6-C12
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	91

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

SEQUOIA ANALYTICAL - ELAP #1210


Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-7 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9509J84-06	Sampled: 09/28/95 Received: 09/29/95 Extracted: 10/02/95 Analyzed: 10/04/95 Reported: 10/09/95
Attention: Jim Keller		

QC Batch Number: GC1002950HBPEXZ
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	84 Unidentified HC

Discrete peaks were observed. The observed discrete peaks are not consistent with peaks commonly detected in motor fuel hydrocarbons.

Surrogates	Control Limits %	% Recovery
n-Pentacosane (C25)	50 150	99

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-7 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9509J84-06	Sampled: 09/28/95 Received: 09/29/95 Analyzed: 10/03/95 Reported: 10/09/95
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QC Batch Number: GC100395BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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	83

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-8 Matrix: LIQUID Analysis Method: EPA 8015 Mod Lab Number: 9509J84-07	Sampled: 09/28/95 Received: 09/29/95 Extracted: 10/02/95 Analyzed: 10/04/95 Reported: 10/09/95
---	---	--

QC Batch Number: GC1002950HBPEXZ
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel Chromatogram Pattern:	50 C9-C24	91 Unidentified HC
Surrogates n-Pentacosane (C25)	Control Limits % 50 150	% Recovery 101

Results quantitated against a diesel standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133 Attention: Jim Keller	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: MW-8 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9509J84-07	Sampled: 09/28/95 Received: 09/29/95 Analyzed: 10/03/95 Reported: 10/09/95
---	---	---

QC Batch Number: GC100395BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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	84

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

SEQUOIA ANALYTICAL - ELAP #1210

Peggy Penner
Project Manager





Blaine Technical Services 985 Timothy Drive San Jose, CA 95133	Client Proj. ID: Chevron 9-0121/950928-S3 Sample Descript: TB Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9509J84-08	Sampled: 09/28/95 Received: 09/29/95 Analyzed: 10/03/95 Reported: 10/09/95
Attention: Jim Keller		


QC Batch Number: GC100395BTEX20A
Instrument ID: GCHP20

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	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	87

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

SEQUOIA ANALYTICAL - ELAP #1210



Peggy Penner
Project Manager





**Sequoia
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FAX (510) 988-9673
FAX (916) 921-0100

Blaine Technical Services
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Proj. ID: Chevron 9-0121/950928-S3
Lab Proj. ID: 9509J84

Received: 09/29/95
Reported: 10/09/95

LABORATORY NARRATIVE

TPPH Note: Sample 9509J84-01 was diluted 40-fold.

TEPH Note: Sample 9509J84-01 was diluted 5-fold.
Sample 9509J84-03 was diluted 10-fold.

SEQUOIA ANALYTICAL

Peggy Penner
Project Manager





Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-0121/950928-S3
Matrix: Liquid

Work Order #: 9509J84 -01

Reported: Oct 11, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC100495BTEX03A	GC100495BTEX03A	GC100495BTEX03A	GC100495BTEX03A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9509J5203	9509J5203	9509J5203	9509J5203
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/4/95	10/4/95	10/4/95	10/4/95
Analyzed Date:	10/4/95	10/4/95	10/4/95	10/4/95
Instrument I.D.#:	GCHP3	GCHP3	GCHP3	GCHP3
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.4	9.5	9.2	27
MS % Recovery:	94	95	92	90
Dup. Result:	9.2	9.2	8.9	26
MSD % Recov.:	92	92	89	87
RPD:	2.2	3.2	3.3	3.8
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-

MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120
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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.

SEQUOIA ANALYTICAL

Peggy Penner
Peggy Penner
Project Manager

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

9509J84.BLA <1>





Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-0121/950928-S3
Matrix: Liquid

Work Order #: 9509J84-02-08

Reported: Oct 11, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC100395BTEX20A	GC100395BTEX20A	GC100395BTEX20A	GC100395BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9509C4901	9509C4901	9509C4901	9509C4901
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	10/3/95	10/3/95	10/3/95	10/3/95
Analyzed Date:	10/3/95	10/3/95	10/3/95	10/3/95
Instrument I.D.#:	GCHP20	GCHP20	GCHP20	GCHP20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.9	9.7	9.5	28
MS % Recovery:	99	97	95	93
Dup. Result:	10	10	10	30
MSD % Recov.:	100	100	100	100
RPD:	1.0	3.0	5.1	6.9
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	-	-	-	-
Prepared Date:	-	-	-	-
Analyzed Date:	-	-	-	-
Instrument I.D.#:	-	-	-	-
Conc. Spiked:	-	-	-	-
LCS Result:	-	-	-	-
LCS % Recov.:	-	-	-	-

MS/MSD				
LCS	71-133	72-128	72-130	71-120
Control Limits				

SEQUOIA ANALYTICAL

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

9509J84.BLA <2>





Blaine Tech Services, Inc.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: Chevron 9-0121/950928-S3
Matrix: Liquid

Work Order #: 9509J84-01-07

Reported: Oct 11, 1995

QUALITY CONTROL DATA REPORT

Analyte: Diesel

QC Batch#: GC1002950HBPEXZ

Analy. Method: EPA 8015M

Prep. Method: EPA 3520

Analyst: T. Olive

MS/MSD #: 9509J8407

Sample Conc.: 91

Prepared Date: 10/2/95

Analyzed Date: 10/4/95

Instrument I.D.#: GCHP4

Conc. Spiked: 1000 µg/L

Result: 1000

MS % Recovery: 91

Dup. Result: 970

MSD % Recov.: 88

RPD: 3.0

RPD Limit: 0-50

LCS #: BLK100295

Prepared Date: 10/2/95

Analyzed Date: 10/4/95

Instrument I.D.#: GCHP4

Conc. Spiked: 1000 µg/L

LCS Result: 820

LCS % Recov.: 82

MS/MSD

LCS 38-122

Control Limits

SEQUOIA ANALYTICAL

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

9509J84.BLA <3>



Field Data Sheets

CHEVRON WELL MONITORING DATA SHEET

Project #: 95092853	Station #: 9-0121
Sampler: SNAWN	Start Date: 09/28/98
Well I.D.: MW-1	Well Diameter: (circle one) 2 3 4 6
Total Well Depth: Before 19.25 After	Depth to Water: Before 5.30 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: PVC	Grade Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

<u>9</u>	x	<u>3</u>	=	<u>27</u>	gallons
1 Case Volume		Specified Volumes			

Purging: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible **X**
 Extraction Pump
 Other _____

Sampling: Bailer
 Disposable Bailer **X**
 Extraction Port
 Other _____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1406	68.0	7.0	1600	—	9	ODOR
1408	68.8	7.0	1800	—	18	
1410	69.0	6.8	1600	—	27	

Did Well Dewater? **NO** If yes, gals. Gallons Actually Evacuated: **27**

Sampling Time: **1415** Sampling Date: **09/28/98**

Sample I.D.: **MW-1** Laboratory: **SEQUOIA**

Analyzed for: **TPH-G** **BTEX** **TPH-D** OTHER: **MTBE**

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: **TPH-G** **BTEX** **TPH-D** OTHER:

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>95042653</u>	Station #: <u>9-0121</u>
Sampler: <u>SMWN</u>	Start Date: <u>09/28/95</u>
Well I.D.: <u>MW-3</u>	Well Diameter: (circle one) 2 3 4 6 <u>1</u>
Total Well Depth: Before <u>1740</u> After	Depth to Water: Before <u>885</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u>	Grade Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

<u>.34</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>1.02</u>	gallons
1 Case Volume		Specified Volumes			

Purging: Bailer Disposable Bailer Middleburg Electric Submersible Extraction Pump X Other <u>DIAPHRAGM PUMP</u>	Sampling: Bailer Disposable Bailer Extraction Port X Other <u>DIAPHRAGM PUMP</u>
--	---

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1610	72.0	8.0	4000	—	.40	CDON
1612	72.0	8.0	4000	—	.80	
1614	71.8	8.0	4000	—	1.20	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 120

Sampling Time: 1621 Sampling Date:

Sample I.D.: MW-3 Laboratory: SEQUOIA

Analyzed for: (Circle) TPH-G BTEX TPH-D OTHER: MTBE

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: (Circle) TPH-G BTEX TPH-D OTHER:

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>95092852</u>	Station #: <u>9-0121</u>
Sampler: <u>SWAWN</u>	Start Date: <u>09/28/95</u>
Well I.D.: <u>MW-4</u>	Well Diameter: (circle one) 2 3 4 6 <u>1</u>
Total Well Depth: Before <u>15.70</u> After	Depth to Water: Before <u>5.85</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u>	Grade Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

<u>.39</u>	x	<u>3</u>	=	<u>1.18</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other DIAPHRAGM PUMP **X**

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other DIAPHRAGM PUMP **X**

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1622</u>	<u>70.2</u>	<u>8.0</u>	<u>3000</u>	—	<u>.40</u>	<u>0002</u>
<u>1623</u>	<u>70.0</u>	<u>8.0</u>	<u>3000</u>	—	<u>.80</u>	
<u>1624</u>	<u>70.1</u>	<u>8.0</u>	<u>3000</u>	—	<u>1.20</u>	

Did Well Dewater? NO If yes, gals.

Gallons Actually Evacuated: 1.20

Sampling Time: 1630

Sampling Date: 09/28/95

Sample I.D.: MW-4

Laboratory: SEQUOIA

Analyzed for: TPH-G BTEX TPH-D OTHER: MTBB

Duplicate I.D.:

Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:

CHEVRON WELL MONITORING DATA SHEET

Project #: 95092853	Station #: 9-0121
Sampler: SNAWN	Start Date: 09/28/95
Well I.D.: MW-5	Well Diameter: (circle one) <u>2</u> 3 4 6
Total Well Depth: Before 3290 After	Depth to Water: Before 1190 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u>	Grade Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

<u>3.36</u>	\times	<u>3</u>	$=$	<u>10</u>	gallons
1 Case Volume		Specified Volumes			

Purging: Bailer Disposable Bailer Middleburg <input checked="" type="checkbox"/> Electric Submersible Extraction Pump Other _____	Sampling: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other _____
--	---

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1510	69.2	7.2	2000	—	3.5	
1515	69.0	7.0	2000	—	7.0	
1530	69.0	7.0	2000	—	10.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 10

Sampling Time: 1545 Sampling Date: 09/28/95

Sample I.D.: MW-5 Laboratory: SEQUOIA

Analyzed for: TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>95092853</u>	Station #: <u>9-0121</u>
Sampler: <u>SAWN</u>	Start Date: <u>09/28/95</u>
Well I.D.: <u>MW-6</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>19.0</u> After	Depth to Water: Before <u>4.65</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>PVC</u>	Grade Other:

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

$$\underline{2.29} \quad \times \quad \underline{3} \quad = \quad \underline{6.87}$$

1 Case Volume Specified Volumes = gallons

Purging: Bailer Disposable Bailer <input checked="" type="checkbox"/> Middleburg Electric Submersible Extraction Pump Other _____	Sampling: Bailer Disposable Bailer <input checked="" type="checkbox"/> Extraction Port Other _____
--	---

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1552</u>	<u>71.8</u>	<u>8.0</u>	<u>3000</u>	—	<u>2.5</u>	<u>Foamy +</u>
<u>1555</u>	<u>72.0</u>	<u>8.0</u>	<u>3000</u>	—	<u>5.0</u>	<u>odor</u>
<u>1559</u>	<u>72.0</u>	<u>8.0</u>	<u>3000</u>	—	<u>7.0</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 7.0

Sampling Time: 1605 Sampling Date: 09/28/95

Sample I.D.: MW-6 Laboratory: SEQUOIA

Analyzed for: TPH-G BTEX TPH-D OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>95092853</u>	Station #: <u>9-0121</u>
Sampler: <u>SHAWNI</u>	Start Date: <u>9/28/95</u>
Well I.D.: <u>MW-7</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>15.0</u> After	Depth to Water: Before <u>4.85</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>(PVC)</u> Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

<u>1.6</u>	x	<u>3</u>	=	<u>4.8</u>	gallons
1 Case Volume		Specified Volumes			

Purging: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other _____

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other _____

TIME	TEMP. (F)	PH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1454</u>	<u>70.8</u>	<u>7.0</u>	<u>3000</u>	—	<u>1.75</u>	
<u>1456</u>	<u>71.0</u>	<u>7.0</u>	<u>2000</u>	—	<u>3.50</u>	
<u>1459</u>	<u>71.2</u>	<u>7.0</u>	<u>2000</u>	—	<u>5.0</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 5.0

Sampling Time: 1505 Sampling Date: 09/28/95

Sample I.D.: MW-7 Laboratory: SBOUOVA

Analyzed for: (TPH-G) (BTEX) (TPH-D) OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: (TPH-G) (BTEX) (TPH-D) OTHER:

CHEVRON WELL MONITORING DATA SHEET

Project #: <u>95092853</u>	Station #: <u>9-9121</u>
Sampler: <u>SNAW</u>	Start Date: <u>09/28/96</u>
Well I.D.: <u>MW-8</u>	Well Diameter: (circle one) <u>(2)</u> 3 4 6
Total Well Depth: Before <u>25.10</u> After	Depth to Water: Before <u>8.90</u> After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: <u>(PVG)</u> Grade Other:	

Well Diameter	VCF	Well Diameter	VCF
1"	0.04	6"	1.47
2"	0.16	8"	2.61
3"	0.37	10"	4.08
4"	0.65	12"	5.87
5"	1.02	16"	10.43

<u>2.59</u>	<u>x</u>	<u>3</u>	<u>=</u>	<u>7.77</u>
1 Case Volume		Specified Volumes		gallons

Purging: Bailer
 Disposable Bailer
 Middleburg
 Electric Submersible
 Extraction Pump
 Other _____

Sampling: Bailer
 Disposable Bailer
 Extraction Port
 Other _____

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
<u>1423</u>	<u>67.8</u>	<u>7.0</u>	<u>4000</u>	<u>—</u>	<u>3</u>	
<u>1426</u>	<u>68.0</u>	<u>7.0</u>	<u>4000</u>	<u>—</u>	<u>6</u>	
<u>1429</u>	<u>68.0</u>	<u>7.0</u>	<u>4000</u>	<u>—</u>	<u>8</u>	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 8.0

Sampling Time: 1440 Sampling Date: 09/28/96

Sample I.D.: MW-8 Laboratory: SBOUWA

Analyzed for: (TPH-G) (BTEX) (TPH-D) OTHER:

Duplicate I.D.: Cleaning Blank I.D.:

Analyzed for: TPH-G BTEX TPH-D OTHER:
 (Circle)