Chevron

March 30, 1999

4249

Chevron Products Company
6001 Bollinger Canyon Road
Building L, Room 1110
PO Box 6004
San Ramon, CA 94583-0904

Philip R. Briggs
Project Manager
Site Assessment & Remediation
Phone 925 842-9136
Fax 925 842-8370

Mr. Barney Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Former Chevron Service Station # 9-4612
3616 San Leandro Street
Oakland, California

Dear Mr. Chan:

Enclosed is the First Quarter Groundwater Monitoring report for 1999 that was prepared by Blaine Tech Services, Inc. for the above noted site. The groundwater samples were analyzed for TPH-g, BTEX and MtBE constituents, with monitoring well MW-3 also analyzed for the TPH-d constituent.

In accordance with your letter of May 4, 1998, ORC was added to wells VH-1, MW-2 and MW-3 on July 25 with sampling of the wells on July 29. The addition of the ORC is expected to increase the availability of oxygen in the soil and groundwater thereby providing an agent for biological reaction and the breakdown of hydrocarbon compounds to natural by products. A period of at least six months will be required to see the effect of adding ORC.

The pre-purge dissolved oxygen (DO) readings in wells VH-1, MW-2, MW-3and MW-4 were 1.8, 0.9, 0.8, 0.9 mg/l respectively. These DO readings are similar to the previous sampling event, which indicates that biological activity is occurring at these wells since ORC has been added and there has been no increase in the DO readings. If these DO concentrations continue to remain low it will be necessary to install additional ORC into these wells to increase the availability of oxygen for biological reaction. Consideration for increasing the ORC will be made after the next sampling event.

The benzene constituent declined in monitoring wells VH-1, MW-2 and MW-3 from the previous sampling event. The concentration of the BTEX and MtBE constituents in well MW-4 were below method detection levels, with the MtBE concentration at 1.1 ppb by

EPA Method 8260. The other three wells also confirmed the presence of MtBE by EPA Method 8260.

There is no explanation for the detection of MtBE at the site, as Chevron did not use this oxygenate in gasoline until 1991, while the tanks were removed in 1983.

The analysis for the TPH-d constituent in well MW-3 detected the presence of an unidentified hydrocarbon by its chromatogram pattern, with the concentration declining from the previous sampling event.

Depth to ground water varied from 5.86 feet to 6.90 feet below grade with the direction of flow south southwesterly.

The report on the Limited Soil Vapor Survey that was conducted at the site is expected to be submitted within the next ten days.

Chevron will continue to monitor the site quarterly. If you have any questions or comments call me at (925) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

Cc. Mr. Jack Ratto
PO Box 6032
Oakland, CA. 94603

Mr. Terry McIlraith
407 Castello Road
Lafayette, CA 94549

Ms. Bette Owen, Chevron

BLAINE
TECH SERVICES INC

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

March 25, 1999

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

1st Quarter 1999 Monitoring at 9-4612

First Quarter 1999 Groundwater Monitoring at
Chevron Service Station Number 9-4612
3616 San Leandro St.
Oakland, CA

Monitoring Performed on February 9, 1999

Groundwater Sampling Report **990209-C-2**

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,

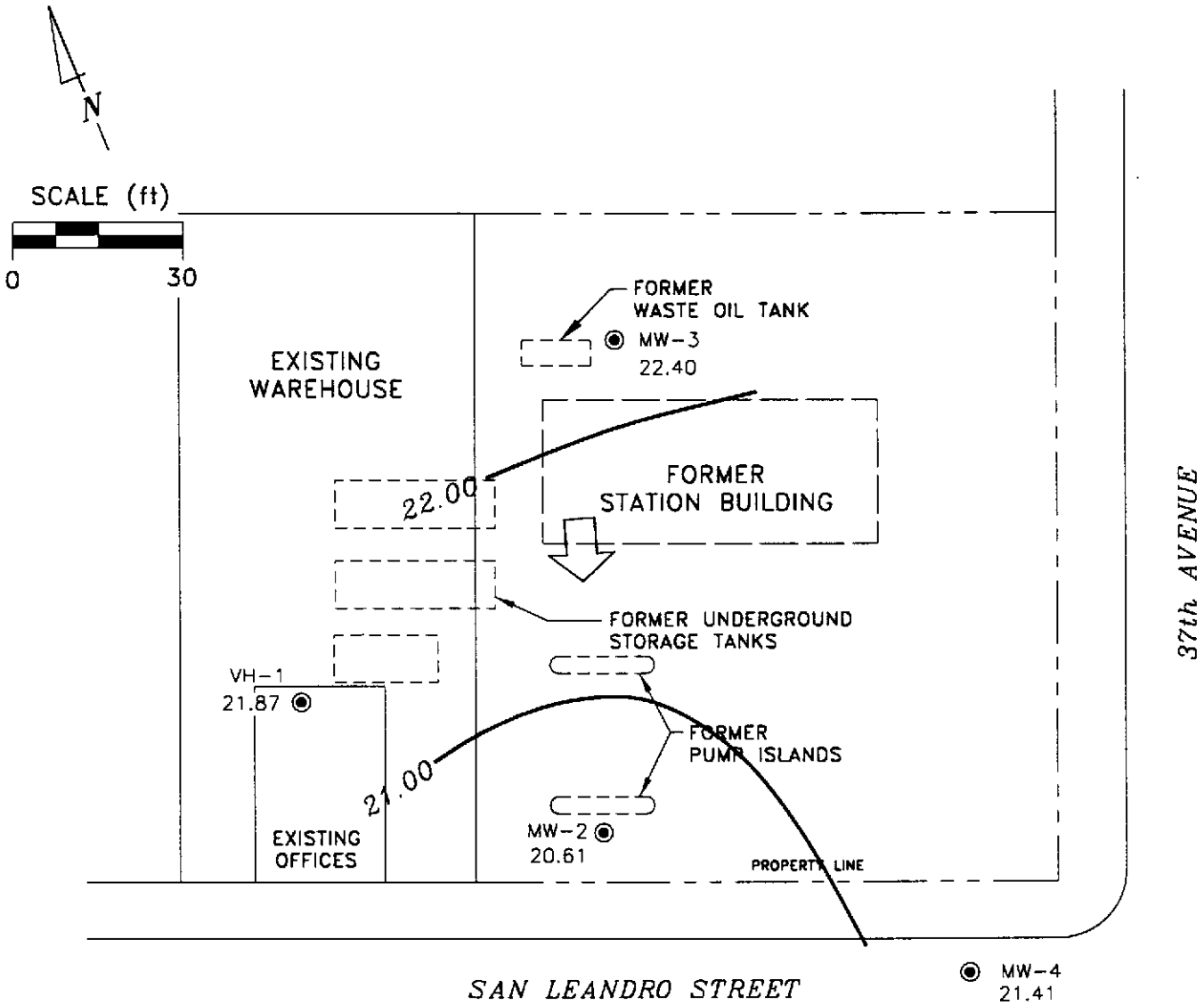
Christine Lillie

Christine Lillie
Project Coordinator

CAL/sb

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

Professional Engineering Appendix



EXPLANATION

- ◉ MONITORING WELL
- 21.41 GROUNDWATER ELEVATION (FT, MSL)
- 22.00 — GROUNDWATER ELEVATION CONTOUR (FT, MSL)
- APPROXIMATE GROUNDWATER FLOW DIRECTION; APPROXIMATE GRADIENT = 0.02

REGISTERED GEOLOGIST
STEVEN E. KROIK
No. 4973
04/00
STATE OF CALIFORNIA

Basemap from Cambria Environmental Technology, Inc.

PREPARED BY RRM engineering contracting firm	**Chevron Station 9-4612** 3616 San Leandro Street Oakland, California **GROUNDWATER ELEVATION CONTOUR MAP, FEBRUARY 9, 1999**	FIGURE: 1 PROJECT: DAC04

Table of
Well Data and
Analytical Results

Cumulative Table of Well Data and Analytical Results

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

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylene	TPH-Diesel	TOG	HVOC	MTBE	MTBE by 8260
VH-1														
08/10/88	--	--	13.00	--	11,000	3300	200	520	540	--	--	--	--	--
06/01/89	--	--	10.32	--	15,000	2200	120	540	310	--	--	--	--	--
09/15/89	--	--	15.69	--	5600	1900	90	350	160	--	--	--	--	--
12/08/89	--	--	14.77	--	11,000	1900	69	270	99	--	--	--	--	--
03/07/91	--	--	11.26	--	4500	820	39	120	77	--	--	--	--	--
09/24/91	--	--	12.98	--	3300	520	19	39	27	--	--	--	--	--
01/08/92	--	--	13.77	--	5000	600	34	81	76	--	--	--	--	--
04/20/92	--	--	8.18	--	7400	670	60	110	140	--	--	--	--	--
03/26/93	27.85	21.14	6.71	--	4900	600	40	72	94	--	--	--	--	--
05/27/93	27.85	19.27	8.58	--	13,000	1600	120	230	220	--	--	--	--	--
08/18/93	27.85	17.39	10.46	--	2700	210	10	8.1	18	--	--	--	--	--
11/03/93	27.85	15.28	12.57	--	4600	680	42	35	68	--	--	--	--	--
02/10/94	27.85	18.77	9.08	--	1900	260	19	22	29	--	--	--	--	--
05/12/94	27.85	19.76	8.09	--	2000	390	28	3.9	29	--	--	--	--	--
08/26/94	27.85	17.10	10.75	--	4900	500	<5.0	23	31	--	--	--	--	--
11/14/94	27.85	18.40	9.45	--	760	69	<2.0	<2.0	2.2	300	--	--	--	--
02/01/95	27.85	21.88	5.97	--	1300	120	5.9	<0.5	13	--	--	--	--	--
05/12/95	27.85	20.14	7.71	--	4400	460	31	45	49	--	--	--	--	--
08/22/95	27.85	18.59	9.26	--	2900	310	15	28	32	--	--	--	--	--
12/19/95	27.85	19.05	8.80	--	930	53	<2.5	<2.5	<2.5	--	--	--	39	--
01/31/96	27.85	22.35	5.50	--	3700	320	<10	41	40	--	--	--	180	--
04/30/96	27.85	19.81	8.04	--	3900	270	<20	<20	<20	--	--	--	120	--
08/01/96	27.85	18.67	9.18	--	2700	140	11	18	28	--	--	--	200	--
10/30/96	27.85	18.67	10.76	--	2700	140	<12	<12	<12	--	--	--	280	--
02/07/97	27.85	19.75	8.10	--	220	13	0.6	<0.5	1.6	--	--	--	15	--
05/07/97	27.85	18.33	9.52	--	5200	33	12	21	26	--	--	--	330	--
07/22/97	27.85	17.43	10.42	--	4200	80	<10	16	24	--	--	--	400	--
11/03/97	27.85	16.85	11.00	--	2400	150	6.8	6.5	9.5	--	--	--	510	--
01/28/98	27.85	20.75	7.10	--	850	69	4.8	5.0	11	--	--	--	38	48
05/08/98	27.85	20.14	7.71	--	4200	200	30	40	42	--	--	--	310	200
07/29/98	27.85	18.40	9.45	--	3800	54	10	27	30	--	--	--	35	290
11/06/98	27.85	17.15	10.70	--	4800	100	20	12	23	--	--	--	360	210
02/09/99	27.85	21.87	5.98	ORC socks installed	2800	79.5	<10	<10	<10	--	--	--	435	612

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	TPH-Diesel	TOG	HVOC	MTBE	MTBE by 8260
MW-2														
02/16/93	27.51	--	--	--	9200	720	110	250	170	--	--	--	--	--
03/26/93	27.51	19.89	7.62	--	--	--	--	--	--	--	--	--	--	--
05/27/93	27.51	18.04	9.47	--	360	5.3	2.1	1.8	2.5	--	--	--	--	--
08/18/93	27.51	16.46	11.05	--	9400	1100	76	110	100	--	--	--	--	--
11/03/93	27.51	14.56	12.95	--	8600	390	20	2.7	120	--	--	--	--	--
02/10/94	27.51	17.72	9.79	--	2700	370	38	44	41	--	--	--	--	--
05/12/94	27.51	18.59	8.92	--	3800	650	76	15	62	--	--	--	--	--
08/26/94	27.51	16.14	11.37	--	16,000	1300	270	28	120	--	--	--	--	--
11/14/94	27.51	17.48	10.03	--	5100	390	10	43	27	--	--	--	--	--
02/01/95	27.51	20.47	7.04	--	6900	520	82	170	110	--	--	--	--	--
05/12/95	27.51	18.76	8.75	--	7700	510	83	110	100	--	--	--	--	--
08/22/95	27.51	17.35	10.16	--	4500	220	16	61	47	--	--	--	--	--
12/19/95	27.51	18.05	9.46	--	2900	240	<10	19	18	--	--	--	220	--
01/31/96	27.51	21.91	5.60	--	3900	320	18	72	39	--	--	--	<25	--
04/30/96	27.51	18.68	8.83	--	5600	200	36	55	47	--	--	--	170	--
08/01/96	27.51	17.25	10.26	--	6200	190	15	62	59	--	--	--	220	--
10/30/96	27.51	17.25	11.48	--	5700	190	<25	67	36	--	--	--	260	--
02/07/97	27.51	18.11	9.40	--	8300	210	34	70	59	--	--	--	330	--
05/07/97	27.51	17.57	9.94	--	6900	190	12	38	37	--	--	--	530	--
07/22/97	27.51	16.36	11.15	--	10,000	18	25	62	41	--	--	--	630	--
11/03/97	27.51	15.93	11.58	--	6500	260	8.5	26	14	--	--	--	590	--
11/03/97	27.51	15.93	11.58	Confirmation run	--	--	--	--	--	--	--	--	--	96
01/28/98	27.51	19.38	8.13	--	6700	65	13	67	54	--	--	--	280	94
05/08/98	27.51	18.89	8.62	--	5500	91	38	43	61	--	--	--	220	62
07/29/98	27.51	17.06	10.45	--	3600	41	8.9	3.6	14	--	--	--	16	94
11/06/98	27.51	15.89	11.62	--	6900	77	<5.0	14	17	--	--	--	290	110
02/09/99	27.51	20.61	6.90	ORC socks installed	8670	75.6	<10	<10	<10	--	--	--	**397**	**144**

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	TPH-Diesel	TOG	HVOC	MTBE	MTBE by 8260
MW-3														
02/16/93	28.50	--	--	--	3500	<0.5	8.1	4.6	7.7	--	--	--	--	--
03/26/93	28.50	21.32	7.18	--	--	--	--	--	--	--	--	--	--	--
05/27/93	28.50	19.17	9.33	--	4200	580	84	150	100	--	--	--	--	--
08/18/93	28.50	16.50	12.00	--	910	12	3.7	6.2	3.8	1400	<5000	ND	--	--
11/03/93	28.50	15.21	13.29	--	5300	29	1.9	0.6	27	--	--	--	--	--
02/10/94	28.50	18.87	9.63	--	63	<0.5	0.7	<0.5	<0.5	<50	--	--	--	--
05/12/94	28.50	19.73	8.77	--	<50	<0.5	0.5	<0.5	<0.5	84	--	--	--	--
08/26/94	28.50	17.08	11.42	--	2100	12	<0.5	5.0	0.5	--	--	--	--	--
11/14/94	28.50	18.43	10.07	--	140	0.78	<0.5	<0.5	<0.5	--	--	--	--	--
02/01/95	28.50	22.21	6.29	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--
05/12/95	28.50	20.43	8.07	--	330	13	1.1	1.9	0.69	540*	--	--	--	--
08/22/95	28.50	18.55	9.95	--	980	32	<1.0	<1.0	<1.0	550*	--	--	--	--
12/19/95	28.50	19.10	9.40	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	<2.5	--
01/31/96	28.50	23.45	5.05	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	<2.5	--
04/30/96	28.50	20.10	8.40	--	320	2.4	<0.5	0.75	<0.5	240*	--	--	7.8	--
08/01/96	28.50	18.70	9.80	--	980	9.6	<0.5	0.98	2.2	470*	--	--	54	--
10/30/96	28.50	18.70	11.48	--	2000	14	<10	<10	<10	760*	--	--	140	--
02/07/97	28.50	19.90	8.60	--	200*	<0.5	<0.5	<0.5	<0.5	61*	--	--	8.9	--
05/07/97	28.50	19.49	9.01	--	3500	14	3.9	3.6	8.0	550*	--	--	160	--
07/22/97	28.50	17.38	11.12	--	3500	55	<10	<10	<10	800*	--	--	150	--
11/03/97	28.50	16.99	11.51	--	4100	140	<5.0	<5.0	<5.0	910*	--	--	380	--
01/28/98	28.50	21.16	7.34	--	1100	24	<1.2	<1.2	2.8	--	--	--	33	6.1
05/08/98	28.50	20.44	8.06	--	990	3.6	7.7	0.70	2.2	250*	--	--	37	7.5
07/29/98	28.50	18.25	10.25	--	1200	13	<0.5	<0.5	1.4	290*	--	--	11	28
11/06/98	28.50	17.11	11.39	--	2600	5.3	<2.5	<2.5	3.0	390*	--	--	91	41
02/09/99	28.50	22.40	6.10	ORC socks installed	406	<1.0	4.03	<1.0	<1.0	184*	--	--	17.7	1.97

* Chromatogram pattern indicates an unidentified hydrocarbon.

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	TPH-Diesel	TOG	HVOC	MTBE	MTBE by 8260
MW-4														
08/22/95	27.27	18.16	9.11	--	9600	100	<10	<10	<10	--	--	--	--	--
12/19/95	27.27	18.97	8.30	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
01/31/96	27.27	21.67	5.60	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
04/30/96	27.27	20.27	7.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
08/01/96	27.27	18.12	9.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
10/30/96	27.27	18.12	10.74	--	110	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
02/07/97	27.27	19.47	7.80	--	80	<0.5	<0.5	<0.5	<0.5	--	--	--	4.1	--
05/07/97	27.27	21.42	5.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
07/22/97	27.27	17.22	10.05	--	150	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
11/03/97	27.27	16.55	10.72	--	52	0.90	<0.5	<0.5	<0.5	--	--	--	*	--
01/28/98	27.27	20.76	6.51	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	<2.0
05/08/98	27.27	20.25	7.02	--	56	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	<2.0
07/29/98	27.27	18.32	8.95	--	<50	0.90	<0.5	<0.5	<0.5	--	--	--	<2.5	<2.0
11/06/98	27.27	16.68	10.59	--	72	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	<2.0
02/09/99	27.27	21.41	5.86	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.0	1.1

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

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	TPH-Diesel	TOG	HVOC	MTBE	MTBE by 8260
TRIP BLANK														
05/27/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--
08/18/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	1400	<5000	ND	--	--
11/03/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
02/10/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<50	--	--	--	--
05/12/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	84	--	--	--	--
08/26/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
11/14/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
02/01/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
05/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
08/22/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/19/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
01/31/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
04/30/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
08/01/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
10/30/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
02/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
05/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
07/22/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
01/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.0
05/08/98	--	--	--	--	--	--	--	--	--	--	--	--	--	<2.0
07/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<2.0
11/06/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.5	--
02/09/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	<2.0	--

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
TOG = Total Oil & Grease
HVOC = Halogenated Volatile Organic Compounds
MTBE = Methyl t-Butyl Ether

Analytical Appendix

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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February 24, 1999

Christine Lillie
Blaine Tech/Chevron
1680 Rogers Ave.
San Jose, CA 95112

RE: Chevron/P902258

Dear Christine Lillie

Enclosed are the results of analyses for sample(s) received by the laboratory on February 10, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Matt Sakai
Project Manager

CA ELAP Certificate Number 2245

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Blaine Tech/Chevron	Project:	Chevron	Sampled:	2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received:	2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	2/24/99

ANALYTICAL REPORT FOR P902258

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
VH1	P902258-01	Water	2/9/99
MW2	P902258-02	Water	2/9/99
MW3	P902258-03	Water	2/9/99
MW4	P902258-04	Water	2/9/99
TB	P902258-05	Water	2/9/99

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Blaine Tech/Chevron	Project:	Chevron	Sampled: 2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received: 2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 2/24/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
VH1			**P902258-01**				**Water**	
Gasoline	9020443	2/19/99	2/20/99		1000	**2950**	ug/l	
Benzene	"	"	"		10.0	**79.5**	"	
Toluene	"	"	"		10.0	ND	"	
Ethylbenzene	"	"	"		10.0	ND	"	
Xylenes (total)	"	"	"		10.0	ND	"	
Methyl tert-butyl ether	"	"	"		40.0	**435**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*104*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*101*	"	
MW2			**P902258-02**				**Water**	
Gasoline	9020443	2/19/99	2/20/99		1000	**8070**	ug/l	
Benzene	"	"	"		10.0	**75.6**	"	
Toluene	"	"	"		10.0	ND	"	
Ethylbenzene	"	"	"		10.0	ND	"	
Xylenes (total)	"	"	"		10.0	ND	"	
Methyl tert-butyl ether	"	"	"		40.0	**397**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*103*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*99.0*	"	
MW3			**P902258-03**				**Water**	
Gasoline	9020443	2/19/99	2/20/99		100	**406**	ug/l	
Benzene	"	"	"		1.00	ND	"	
Toluene	"	"	"		1.00	**4.03**	"	
Ethylbenzene	"	"	"		1.00	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Methyl tert-butyl ether	"	"	"		4.00	**17.7**	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*98.0*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*99.0*	"	
MW4			**P902258-04**				**Water**	
Gasoline	9020459	2/20/99	2/20/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*107*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*91.3*	"	
TB			**P902258-05**				**Water**	
Gasoline	9020459	2/20/99	2/20/99		50.0	ND	ug/l	

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Blaine Tech/Chevron	Project:	Chevron	Sampled:	2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received:	2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	2/24/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
TB (continued)			**P902258-05**				**Water**	
Benzene	9020459	2/20/99	2/20/99		0.500	ND	ug/l	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	
Methyl tert-butyl ether	"	"	"		2.00	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*65.0-135*		*105*	%	
Surrogate: 4-Bromofluorobenzene	"	"	"	*65.0-135*		*97.0*	"	

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Blaine Tech/Chevron	Project:	Chevron	Sampled:	2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received:	2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	2/24/99

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW3			**P902258-03**				**Water**	
Diesel	9020398	2/17/99	2/23/99		0.0500	**0.184**	mg/l	1
Surrogate: o-Terphenyl	"	"	"	-		*91.7*	*%*	

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Blaine Tech/Chevron	Project:	Chevron	Sampled: 2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received: 2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 2/24/99

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Petaluma

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
VH1			**P902258-01**				**Water**	
Methyl tert-butyl ether	9020351	2/18/99	2/18/99		25.0	**312**	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*107*	%	
MW2			**P902258-02**				**Water**	
Methyl tert-butyl ether	9020351	2/18/99	2/18/99		25.0	**144**	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*112*	%	
MW3			**P902258-03**				**Water**	
Methyl tert-butyl ether	9020351	2/18/99	2/18/99		0.500	**1.97**	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*111*	%	
MW4			**P902258-04**				**Water**	
Methyl tert-butyl ether	9020351	2/18/99	2/18/99		0.500	**1.10**	ug/l	
Surrogate: Dibromofluoromethane	"	"	"	*86.0-118*		*110*	%	

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Blaine Tech/Chevron	Project:	Chevron	Sampled: 2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received: 2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 2/24/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9020443	**Date Prepared: 2/19/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9020443-BLK1**									
Gasoline Range Organics	2/19/99			**ND**	ug/l	**50.0**				
Gasoline	"			**ND**	"	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*329*	"	*65.0-135*	*110*			
Surrogate: 4-Bromofluorobenzene	"	*300*		*298*	"	*65.0-135*	*99.3*			
LCS	**9020443-BS1**									
Benzene	2/19/99	100		101	ug/l	65.0-135	101			
Toluene	"	100		100	"	65.0-135	100			
Ethylbenzene	"	100		96.7	"	65.0-135	96.7			
Xylenes (total)	"	300		305	"	65.0-135	102			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*302*	"	*65.0-135*	*101*			
Matrix Spike	**9020443-MS1**		**P902203-02**							
Benzene	2/19/99	100	ND	109	ug/l	65.0-135	**109**			
Toluene	"	100	ND	106	"	65.0-135	**106**			
Ethylbenzene	"	100	ND	101	"	65.0-135	**101**			
Xylenes (total)	"	300	0.717	318	"	65.0-135	**106**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*299*	"	*65.0-135*	*99.7*			
Matrix Spike Dup	**9020443-MSD1**		**P902203-02**							
Benzene	2/19/99	100	ND	114	ug/l	65.0-135	**114**	20.0	**4.48**	
Toluene	"	100	ND	110	"	65.0-135	**110**	20.0	**3.70**	
Ethylbenzene	"	100	ND	105	"	65.0-135	**105**	20.0	**3.88**	
Xylenes (total)	"	300	0.717	331	"	65.0-135	**110**	20.0	**3.70**	
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*316*	"	*65.0-135*	*105*			
Batch: 9020459	**Date Prepared: 2/20/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9020459-BLK1**									
Gasoline	2/20/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**0.500**				
Methyl tert-butyl ether	"			**ND**	"	**2.00**				
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*308*	"	*65.0-135*	*103*			

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Blaine Tech/Chevron	Project:	Chevron	Sampled: 2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received: 2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 2/24/99

Total Petroleum Hydrocarbons as Gasoline and BTEX by EPA 8015M/8020M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**9020459-BLK1**									
Surrogate: 4-Bromofluorobenzene	*2/20/99*	*300*		*299*	*ug/l*	*65.0-135*	*99.7*			
LCS	**9020459-BS1**									
Benzene	2/20/99	100		104	ug/l	65.0-135	104			
Toluene	"	100		102	"	65.0-135	102			
Ethylbenzene	"	100		97.7	"	65.0-135	97.7			
Xylenes (total)	"	300		306	"	65.0-135	102			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*303*	"	*65.0-135*	*101*			
Matrix Spike	**9020459-MS1**		**P902258-04**							
Benzene	2/20/99	100	ND	106	ug/l	65.0-135	**106**			
Toluene	"	100	ND	102	"	65.0-135	**102**			
Ethylbenzene	"	100	ND	97.9	"	65.0-135	**97.9**			
Xylenes (total)	"	300	ND	308	"	65.0-135	**103**			
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*307*	"	*65.0-135*	*102*			
Matrix Spike Dup	**9020459-MSD1**		**P902258-04**							
Benzene	2/20/99	100	ND	105	ug/l	65.0-135	**105**	20.0	**0.948**	
Toluene	"	100	ND	102	"	65.0-135	**102**	20.0	**0**	
Ethylbenzene	"	100	ND	97.7	"	65.0-135	**97.7**	20.0	**0.205**	
Xylenes (total)	"	300	ND	307	"	65.0-135	**102**	20.0	**0.976**	
Surrogate: a,a,a-Trifluorotoluene	"	*300*		*311*	"	*65.0-135*	*104*			

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Blaine Tech/Chevron	Project:	Chevron	Sampled: 2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received: 2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 2/24/99

Total Petroleum Hydrocarbons as Diesel & others by EPA 8015M/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9020398	**Date Prepared: 2/17/99**					**Extraction Method: EPA 3520B**				
Blank	**9020398-BLK1**									
Diesel	2/22/99			**ND**	mg/l	**0.0500**				
Surrogate: o-Terphenyl	"	*0.100*		*0.0891*	"		*89.1*			
LCS	**9020398-BS1**									
Diesel	2/22/99	1.00		0.792	mg/l	28.0-138	79.2			
Surrogate: o-Terphenyl	"	*0.100*		*0.105*	"		*105*			
LCS Dup	**9020398-BSD1**									
Diesel	2/22/99	1.00		0.791	mg/l	28.0-138	79.1		0.126	
Surrogate: o-Terphenyl	"	*0.100*		*0.113*	"		*113*			

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Blaine Tech/Chevron	Project:	Chevron	Sampled: 2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received: 2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 2/24/99

Volatile Organic Compounds by EPA Method 8260B/Quality Control
Sequoia Analytical - Petaluma

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9020351	**Date Prepared: 2/16/99**					**Extraction Method: EPA 5030 waters**				
Blank	**9020351-BLK1**									
Methyl tert-butyl ether	2/16/99			**ND**	ug/l	**0.500**				
Surrogate: Dibromofluoromethane	"	*5.00*		*4.99*	"	*86.0-118*	*99.8*			
Blank	**9020351-BLK2**									
Methyl tert-butyl ether	2/18/99			**ND**	ug/l	**0.500**				
Surrogate: Dibromofluoromethane	"	*5.00*		*5.30*	"	*86.0-118*	*106*			
LCS	**9020351-BS1**									
Methyl tert-butyl ether	2/16/99	5.00		4.57	ug/l	70.0-130	91.4			
Surrogate: Dibromofluoromethane	"	*5.00*		*5.15*	"	*86.0-118*	*103*			
LCS	**9020351-BS2**									
Methyl tert-butyl ether	2/18/99	5.00		4.85	ug/l	70.0-130	97.0			
Surrogate: Dibromofluoromethane	"	*5.00*		*5.40*	"	*86.0-118*	*108*			
Matrix Spike	**9020351-MS1**		**P902178-03**							
Methyl tert-butyl ether	2/16/99	5.00	0.856	5.62	ug/l	70.0-130	**95.3**			
Surrogate: Dibromofluoromethane	"	*5.00*		*5.18*	"	*86.0-118*	*104*			
Matrix Spike Dup	**9020351-MSD1**		**P902178-03**							
Methyl tert-butyl ether	2/16/99	5.00	0.856	5.81	ug/l	70.0-130	**99.1**	15.0	**3.91**	
Surrogate: Dibromofluoromethane	"	*5.00*		*5.27*	"	*86.0-118*	*105*			

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Blaine Tech/Chevron	Project:	Chevron	Sampled:	2/9/99
1680 Rogers Ave.	Project Number:	9-4612/990209-C2	Received:	2/10/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	2/24/99

Notes and Definitions

#	Note
1	Hydrocarbon pattern present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

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

Chain-of-Custody-Record

Chevron Products Co.
P.O. BOX 6004
San Ramon, CA 94583
FAX (925)842-8370

Chevron Facility Number 9-4612
Facility Address 3616 San Leandro St.
Consultant Project Number 990209-C2
Consultant Name BLAINE TECH SERVICE, INC.
Address 1680 ROGERS AVE., SAN JOSE
Project Contact (Name) CHRISTINE LILLIE
(Phone) 408-573-0555 (Fax Number) 408-573-7771

Chevron Contact (Name) PHIL BRIGGS
(Phone) (925) 842-9136
Laboratory Name SEQUOIA
Laboratory Service Order 9144488 P902258
Laboratory Service Code ZZ02800
Samples Collected by (Name) Cassidy
Signature

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

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	BTEX/MTBE+TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd,Cr,Pb,Zn,Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCID	TPH-D Extended	MTBE by 8020	8260				Remarks / Lab Sample No.
MH 1	6	W	HCl	2/9/99	X			X										X					P902258-01
MW2	6				X			X										X					02
MW3	8				X			X										X					03
MW4	6				X			X										X					04
TB	2				X			XX															05

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
	BTS	2/10 11:20		SEQ	2/10/99 11:20	
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
	SEQ	2/10/99				
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced (Y)/N
					2/10 1323	

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

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

Chain-of-Custody-Record

Chevron Products Co.
P.O. BOX 6004
San Ramon, CA 94583
FAX (925)842-8370

Chevron Facility Number: 9-4612
Facility Address: 3616 San Leandro St.
Consultant Project Number: 490209-C2
Consultant Name: BLAINE TECH SERVICE, INC.
Address: 1680 ROGERS AVE., SAN JOSE
Project Contact (Name): CHRISTINE LILLIE
(Phone): 408-573-0555 (Fax Number): 408-573-7771

Chevron Contact (Name): PHIL BRIGGS
(Phone): (925) 842-9136
Laboratory Name: SEQUOIA
Laboratory Service Order: 9144488
Laboratory Service Code: ZZ02800
Samples Collected by (Name): Cassi
Signature:

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

Sample Number	Number of Containers	Matrix: S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	BTEX/MTBE+TPH GAS (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	(8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (ICAP or AA) Cd,Cr,Pb,Zn,Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HCID	TPH-D Extended	MTBE 8260					Remarks / Lab Sample No.
MH 1	6	W	HCl	2/9/99	X													X					
MW2	6				X													X					
MW3	8				X		X											X					
MW4	6				X													X					
TB	2				X																		

[redacted] changed 2/10/99

COOLER CUSTODY SEALS INTACT ☐ NOT INTACT ☐
COOLER TEMPERATURE 6 °C

COOLER CUSTODY SEALS INTACT
°C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
	BTS	2/10 11:20		SEQ	2/10/99 11:20	
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N
Al Marinan	2/11	12:00				

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

FEB.-10'99(WED) 12:42 BLAINE TECH SERVICES, INC. TEL:408 573 7771 P.002

Field
Data
Sheets

WELL GAUGING DATA

Project # 990209-C2 Date 2-9-99 Client Chevron

Site 3616 San Leandro st Oakland.

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
VH-1	4					5.98	28.30	TOC	
MW2	2					6.90	19.75		
MW3	2					6.10	19.30		
MW4	2					5.86	19.00		

CHEVRON WELL MONITORING DATA SHEET

Project #: 990209-CZ	Station #: 9-4612
Sampler: am	Date: 2-9-99
Well I.D.: VH-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth: 28.30	Depth to Water: 5.98
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible X / Extraction Pump / Other: ___

Sampling Method: Bailer / Disposable Bailer V / Extraction Port / Other: ___

14.5 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 43.5 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1510	60.1	6.8	1100	15	
1512	59.8	6.7	1000	30	
1514	59.7	6.7	980	44	

Did well dewater? Yes (No) Gallons actually evacuated: 44

Sampling Time: 1515 Sampling Date: 2-9-99

Sample I.D.: VH-1 Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: 8260 + 8020

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	(Pre-purge):	1.8	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:		mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 990209-CZ	Station #: 9-4612
Sampler: am	Date: 2-9-99
Well I.D.: MW2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.75	Depth to Water: 6.90
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / Disposable Bailer (Y) / Extraction Port / Other: ____

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

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1449	61.8	6.7	1000	2	
1452	61.7	6.6	1000	4	
1455	60.9	6.6	910	6	

Did well dewater? Yes (No)		Gallons actually evacuated: 6.0	
Sampling Time: 1500		Sampling Date: 2-9-99	
Sample I.D.: MW2		Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs	
Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D	Other: 8260 + 8020		
Duplicate I.D.:	Analyzed for: TPH-G BTEX MTBE TPH-D	Other:	
D.O. (if req'd):	Pre-purge: 0.9 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge: mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 990209-CZ	Station #: 9-4612
Sampler: am	Date: 2-9-99
Well I.D.: mw3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 19.30	Depth to Water: 6.10
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer / Middleburg / Electric Submersible / Extraction Pump / Other: ___

Sampling Method: Bailer / Disposable Bailer V / Extraction Port / Other: ___

2.1 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 6.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1435	60.3	6.9	1100	2.5	
1436	60.9	6.7	1000	5.0	
1437	60.7	6.7	900	6.5	

Did well dewater? Yes (No) Gallons actually evacuated: 6.5

Sampling Time: 1439 Sampling Date: 2-9-99

Sample I.D.: mw3 Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: 8260 + 8020

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	0.8 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

CHEVRON WELL MONITORING DATA SHEET

Project #: 990209-CZ	Station #: 9-4612
Sampler: am	Date: 2-9-99
Well I.D.: MW4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 19.00	Depth to Water: 5.86
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	radius² * 0.163

Purge Method: Bailer / Disposable Bailer X / Middleburg / Electric Submersible / Extraction Pump / Other: ____

Sampling Method: Bailer / Disposable Bailer V / Extraction Port / Other: ____

2.1 (1 Case Volume (Gals.)) x 3 (Specified Volumes) = 6.3 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
1415	61.3	6.9	540	2.5	
1417	61.9	6.8	500	5.0	
1419	61.8	6.8	500	7.0	

Did well dewater? Yes (No) Gallons actually evacuated: 7.0

Sampling Time: 1425 Sampling Date: 2-9-99

Sample I.D.: MW4 Laboratory: (Sequoia) GTEL N. Creek Assoc. Labs

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: 8260 + 8020

Duplicate I.D.: Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	0.9 mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV