Chevron

Chevron U.S.A. Products Company
6001 Bollinger Canyon Rd., Bldg. L
P.O. Box 5004
San Ramon, CA 94583-0804

Site Assessment & Remediation Group
Phone (510) 842-9500

January 3, 1995

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, CA

Dear Mr. Chan:

Enclosed is the Fourth Quarter 1994 Groundwater Monitoring report dated December 9, 1994, prepared by our consultant Blaine Tech Services, Inc. for the above referenced site. As indicated in the report, ground water samples collected were analyzed for total petroleum hydrocarbons as gasoline and BTEX.

Sampling of MW-3 for TPH-D was overlooked during the past quarter, however will be included in subsequent monitoring events. Monitor well VH-1 was inadvertently sampled for this constituent instead. Analytical results indicate that this constituent was detected, but in a non-diesel mix. It appears that this is most likely a degraded gasoline product, therefore we will continue sampling for TPH-G and BTEX only in this well.

Dissolved concentrations of these constituents observed during the past quarter are consistent with historical results. Depth to ground water was measured at approximately 9.5 to 10.1 feet below grade and the direction of flow is to the southeast.

As indicated in Chevron's letter of September 20, 1994, we have instructed GTI to move forward with the work plan dated March 25, 1994, for additional assessment. It does not appear possible or necessary to pursue additional up gradient plume definition at this time.

If you have any questions or comments, please do not hesitate to call me at (510) 842-8134.

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Ms. B.C. Owen

Mr. Jack Ratto
191 98th Avenue
Oakland, CA 94603

Mr. Terry McIlraith
407 Castello Road
Lafayette, CA 94549

File: 9-4612 QM7

BLAINE
TECH SERVICES INC.

985 TIMOTHY DRIVE
SAN JOSE, CA 95133
(408) 995-5535
FAX (408) 293-8773

December 9, 1994

Mark Miller
Chevron U.S.A. Products Company
2410 Camino Ramon
San Ramon, CA 94583-0804

4th Quarter 1994 Monitoring at 9-4612

Fourth Quarter 1994 Groundwater Monitoring at
Chevron Service Station Number 9-4612
3616 San Leandro St.
Oakland, CA

Monitoring Performed on November 14, 1994

Groundwater Sampling Report **941114-E-1**

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.

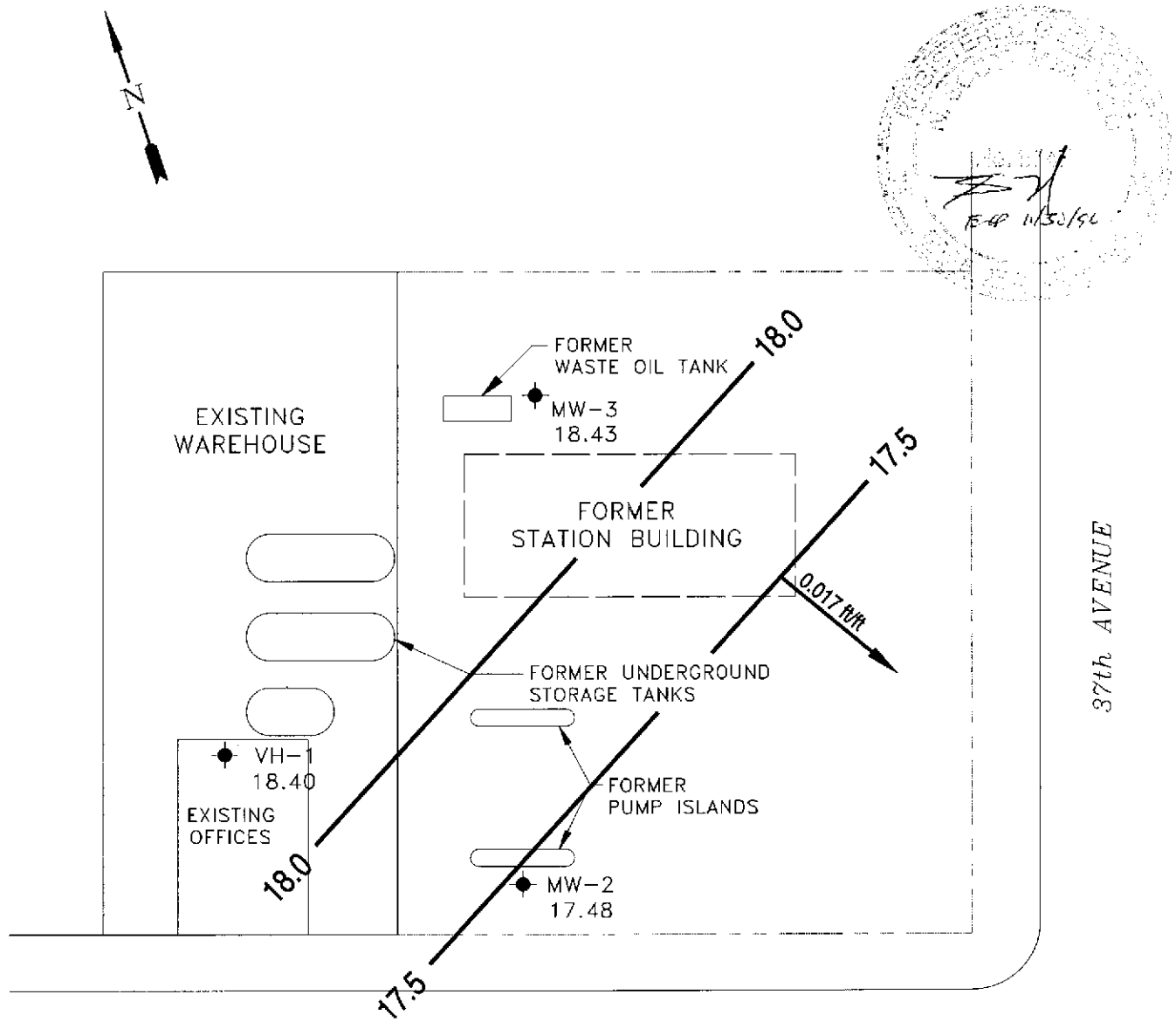
Yours truly,

James Keller
for the Board of Directors

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
- X.XX POTENTIOMETRIC SURFACE ELEVATION (FT)
- POTENTIOMETRIC SURFACE CONTOUR
- GROUNDWATER FLOW DIRECTION AND GRADIENT

NOTE:

1. CONTOURS REPRESENT APPROXIMATE ELEVATIONS ABOVE MEAN SEA LEVEL.

Base map from Groundwater Technology, Inc.

CAMBRIA
Environmental Technology, Inc.

Chevron Station 9-4612
3616 San Leandro Street
Oakland, California

\CHEVRON\9-4612\4612-QM(4Q94).DWG

Ground Water Elevation
November 14, 1994

FIGURE
1

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
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	--	--

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
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	--	--	--
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	--	--	--

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
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	--	--	--

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

Analytical Appendix

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: 941114-E1, Chevron 9-4612	Sampled: 11/14/94
985 Timothy Drive	Sample Descript: MW-2	Received: 11/15/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/17/94
Attention: Jim Keller	Lab Number: 9411A21-01	Reported: 12/02/94

QC Batch Number: GC111794BTEX02A
Instrument ID: GCHP-02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**1000**	**5100**
Benzene	**10**	**390**
Toluene	**10**	**10**
Ethyl Benzene	**10**	**43**
Xylenes (Total)	**10**	**27**
Chromatogram Pattern:		**Gas**

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 #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: 941114-E1, Chevron 9-4612	Sampled: 11/14/94
985 Timothy Drive	Sample Descript: MW-3	Received: 11/15/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/17/94
Attention: Jim Keller	Lab Number: 9411A21-02	Reported: 12/02/94

QC Batch Number: GC111794BTEX02A
Instrument ID: GCHP-02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**140**
Benzene	**0.50**	**0.78**
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		**GAS**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	110

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: 941114-E1, Chevron 9-4612	Sampled: 11/14/94
985 Timothy Drive	Sample Descript: VH-1	Received: 11/15/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/18/94
Attention: Jim Keller	Lab Number: 9411A21-03	Reported: 12/02/94

QC Batch Number: GC111794BTEX02A
Instrument ID: GCHP-02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**200**	**760**
Benzene	**2.0**	**69**
Toluene	2.0	N.D.
Ethyl Benzene	2.0	N.D.
Xylenes (Total)	**2.0**	**2.2**
Chromatogram Pattern:		**GAS**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	101

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: 941114-E1, Chevron 9-4612	Sampled: 11/14/94
985 Timothy Drive	Sample Descript: VH-1	Received: 11/15/94
San Jose, CA 95133	Matrix: LIQUID	Extracted: 11/28/94
	Analysis Method: EPA 8015 Mod	Analyzed: 11/29/94
Attention: Jim Keller	Lab Number: 9411A21-03	Reported: 12/02/94

QC Batch Number: GC1128940HPBEXA
Instrument ID: GCHP4A

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	300
Chromatogram Pattern:		
Non Diesel Mix		C9-C14

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	104

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Technical Services	Client Proj. ID: 941114-E1, Chevron 9-4612	Sampled: 11/14/94
985 Timothy Drive	Sample Descript: TB	Received: 11/15/94
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 11/17/94
Attention: Jim Keller	Lab Number: 9411A21-04	Reported: 12/02/94

QC Batch Number: GC111794BTEX02A
Instrument ID: GCHP-02

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	98

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

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
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819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services, Inc.	Client Project ID:	941114-E1, Chevron 9-4612	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9411A21 -01-04	Reported: Dec 2, 1994

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC111794BTEX02A	GC111794BTEX02A	GC111794BTEX02A	GC111794BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	N/A	N/A	N/A	N/A
Analyst:	J. Minkel	J. Minkel	J. Minkel	J. Minkel
MS/MSD #:	941180703	941180703	941180703	941180703
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	N/A	N/A	N/A	N/A
Analyzed Date:	11/17/94	11/17/94	11/17/94	11/17/94
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	10	10	10	31
MS % Recovery:	100	100	100	103
Dup. Result:	9.3	9.4	9.4	28
MSD % Recov.:	93	94	94	93
RPD:	7.3	6.2	6.2	10
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

SEQUOIA ANALYTICAL

Suzanne Chin
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

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

Blaine Tech Services, Inc.	Client Project ID:	941114-E1, Chevron 9-4612	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9411A21-03	Reported: Dec 2, 1994

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC1128940HBPEXB
Analy. Method:	EPA 8015 Mod
Prep. Method:	3510
Analyst:	N. Herrera
MS/MSD #:	9411F0202
Sample Conc.:	330
Prepared Date:	11/28/94
Analyzed Date:	11/30/94
Instrument I.D.#:	GCHP4
Conc. Spiked:	600 µg/L
Result:	790
MS % Recovery:	77
Dup. Result:	740
MSD % Recov.:	68
RPD:	6.5
RPD Limit:	

LCS #:	BLK112894
Prepared Date:	11/28/94
Analyzed Date:	11/30/94
Instrument I.D.#:	GCHP4
Conc. Spiked:	600 µg/L
LCS Result:	450
LCS % Recov.:	75

MS/MSD LCS Control Limits	38-122

SEQUOIA ANALYTICAL

Suzanne Chin
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

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

Chain-of-Custody-Record

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

Chevron Facility Number 9-4612
Facility Address 3616 San Leandro St., Oakland, CA
Consultant Project Number 94114-E1
Consultant Name Blaine Tech Services, Inc.
Address 985 Timothy Dr., San Jose, CA 95133
Project Contact (Name) Jim Keller
(Phone) 408 995-5535 (Fax Number) 408 293-8773

Chevron Contact (Name) Mark Miller
(Phone) (510) 842-8134
Laboratory Name Sequoia
Laboratory Release Number 2172660
Samples Collected by (Name) Kent Brown
Collection Date 11/4/94
Signature Kent Brown

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analyses To Be Performed: BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)		9411A21				DO NOT BILL FOR TB-LB Remarks
MW-2	1A-C	3	W		0950			X													1
MW-3	2A-C	3	W		1010			X													
MW-1	3A-E	5	W		1035			X	X												
TB	4A-B	2	W		—			X													
																					9°C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
	BTS	11/5/94 1530		Sequoia	11/5 3:30
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
		11/5 4:50			
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time
					11/5 1650

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

Field Data Sheets

WELL GAUGING DATA

Project # 941114-E1 Date 11/14/94 Client CHEVRON 9-4612

Site 3616 San Leandro St. Oakland CA.

Well I.D.	Well Size (in.)	Sheen/ Odor	Depth to Immiscible Liquid (feet)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to Water (feet)	Depth to Well Bottom (feet)	Survey Point: TOB or TOC
VH-1	4"					9.45	20.37	
MW-2	2"					10.03	19.79	
MW-3	2"					10.07	19.85	

CHEVRON WELL MONITORING DATA SHEET

Project #: 941114-E1	Station # 9- 4612
Sampler: KEB	Date Sampled: 11/14/94
Well I.D.: VH-1	Well Diameter: (circle one) 2 3 (4) 6 ___
Total Well Depth: Before 20.37 After	Depth to Water: Before 9.45 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other --

7.1	x	3	=	21.3
1 Case Volume		Specified Volumes		gallons

Purging: Bailer / Middleburg / Electric Submersible ✓ / Suction Pump / Type of Installed Pump ___

Sampling: Bailer Grab Disp. / Middleburg / Electric Submersible / Suction Pump / Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1025	63.0	7.20	1223		8.	
1027	65.4	7.14	1289		16.	
1029	66.3	7.10	1282		22.0	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 22.

Sampling Time: 1035

Sample I.D.: VH-1 Laboratory: Seq.

Analyzed for: TPH-G, BTEX, TPH-Diesel

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 941114-E1	Station # 9- 4612
Sampler: LEB	Date Sampled: 11/14/94
Well I.D.: MW-2	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 19.18 After	Depth to Water: Before 16.03 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade	Other --

1.6	x	3	=	4.7
1 Case Volume		Specified Volumes		gallons

Purging: Bailer CHEV. DISP.
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer CHEV. DISP.
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
0941	64.1	6.65	1289	>200	2.0	ODOR
0944	66.3	6.77	1321	>200	4.0	"
0946	66.4	6.74	1332	>200	5.0	"

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

Sampling Time: 0950

Sample I.D.: MW-2 Laboratory: Seq.

Analyzed for: TPH-G, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 941114-E1	Station # 9- 4612
Sampler: LEB	Date Sampled: 11/14/94
Well I.D.: MW-3	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 19.85 After	Depth to Water: Before 10.07 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

1.6	x	3	=	4.7
1 Case Volume		Specified Volumes		gallons

Purging: Bailer CHEV. DISP.
Middleburg
Electric Submersible
Suction Pump
Type of Installed Pump _____

Sampling: Bailer CHEV. DISP.
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
1001	66.2	7.66	724	>200	2.0	
1004	61.0	7.57	716	>200	4.0	
1008	61.2	7.46	704	>200	5.0	

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

Sampling Time: 1010

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

Analyzed for: TPH-G, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations: