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

May 15, 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 First Quarter 1995 Groundwater Monitoring report dated March 17, 1995, 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. A sample collected from MW-3 was also analyzed for total petroleum hydrocarbons as diesel.

Dissolved concentrations of these constituents observed during the past quarter are consistent with historical results. Depth to ground water was measured at approximately 6.0 to 7.0 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. Currently, we are obtaining encroachment permits from the City of Oakland for the off site well. If you have any questions or comments, please feel free 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
P.O. Box 6032
Oakland, CA 94603

Mr. Terry McIlraith
407 Castello Road
Lafayette, CA 94549

File: 94612Q8

BLAINE
TECH SERVICES INC.

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

March 17, 1995

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

1st Quarter 1995 Monitoring at 9-4612

First Quarter 1995 Groundwater Monitoring at
Chevron Service Station Number 9-4612
3616 San Leandro Street
Oakland, CA

Monitoring Performed on February 1, 1995

Groundwater Sampling Report **950201-J-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.

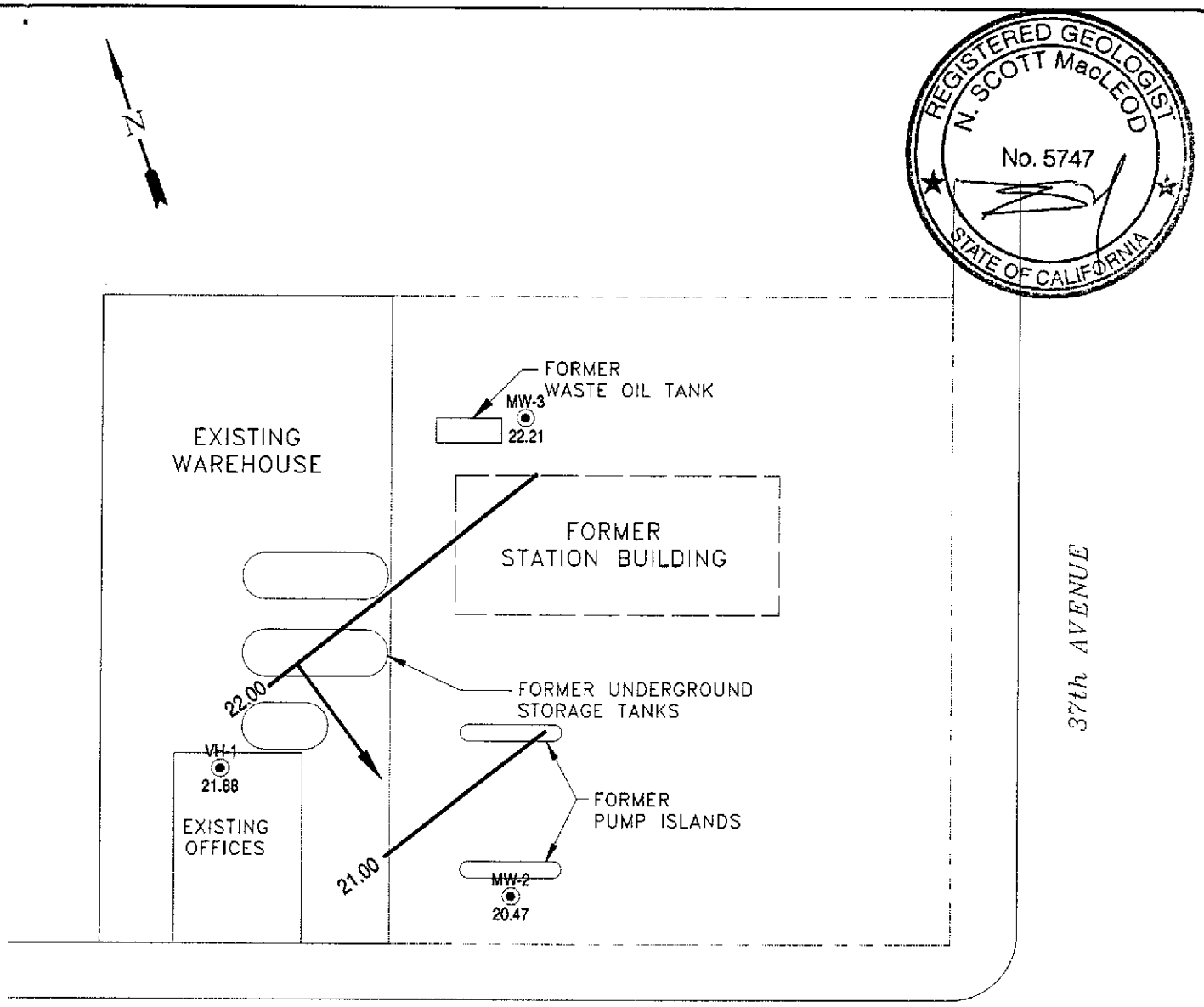
Yours truly,

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
- 22.00 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.DWG

Ground Water Elevation

February 1, 1995

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	--	--
02/01/95	27.85	21.88	5.97	--	1300	120	5.9	<0.5	13	--	--	--

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	--	--	--
02/01/95	27.51	20.47	7.04	--	6900	520	82	170	110	--	--	--
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	--	--

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	--	--	--
02/01/95	--	--	--	--	<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

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: 950201-J1, Chevron 9-4612	Sampled: 02/01/95
985 Timothy Drive	Sample Descript: VH-1	Received: 02/03/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/13/95
Attention: Jim Keller	Lab Number: 9502225-01	Reported: 02/15/95

Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**1300**
Benzene	**0.50**	**120**
Toluene	**0.50**	**5.9**
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	**0.50**	**13**
Chromatogram Pattern:		**Gas**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	113

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

SEQUOIA ANALYTICAL - ELAP #1624

FOR

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: 950201-J1, Chevron 9-4612	Sampled: 02/01/95
985 Timothy Drive	Sample Descript: MW-3	Received: 02/03/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/10/95
Attention: Jim Keller	Lab Number: 9502225-02	Reported: 02/15/95

Instrument ID: GCHP02

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	95

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

SEQUOIA ANALYTICAL - ELAP #1624

for

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: 950201-J1, Chevron 9-4612	Sampled: 02/01/95
985 Timothy Drive	Sample Descript: MW-3	Received: 02/03/95
San Jose, CA 95133	Matrix: LIQUID	Extracted: 02/09/95
	Analysis Method: EPA 8015 Mod	Analyzed: 02/11/95
Attention: Jim Keller	Lab Number: 9502225-02	Reported: 02/15/95

QC Batch Number: GC0207950HBPEXB
Instrument ID: GCHP5B

Total Extractable Petroleum Hydrocarbons (TEPH)

Analyte	Detection Limit ug/L	Sample Results ug/L
TEPH as Diesel	50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
n-Pentacosane (C25)	50	150	118

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

SEQUOIA ANALYTICAL - ELAP #1210

TC for

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: 950201-J1, Chevron 9-4612	Sampled: 02/01/95
985 Timothy Drive	Sample Descript: MW-2	Received: 02/03/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/10/95
Attention: Jim Keller	Lab Number: 9502225-03	Reported: 02/15/95

Instrument ID: GCHP02

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	500	6900
Benzene	5.0	520
Toluene	5.0	82
Ethyl Benzene	5.0	170
Xylenes (Total)	5.0	110
Chromatogram Pattern:		Gas

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	125

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

SEQUOIA ANALYTICAL - ELAP #1624

for

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: 950201-J1, Chevron 9-4612	Sampled: 02/01/95
985 Timothy Drive	Sample Descript: TB	Received: 02/03/95
San Jose, CA 95133	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 02/10/95
Attention: Jim Keller	Lab Number: 9502225-04	Reported: 02/15/95

Instrument ID: GCHP02

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	93

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

SEQUOIA ANALYTICAL - ELAP #1624

FOR

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

Client Project ID: 950201-J1, Chevron 9-4612
Matrix: Liquid
QC Sample Group: 9502225 -01

Reported: Feb 15, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	C. Lee	C. Lee	C. Lee	C. Lee
MS/MSD Batch#:	5020306	5020306	5020306	5020306
Date Prepared:	2/13/95	2/13/95	2/13/95	2/13/95
Date Analyzed:	2/13/95	2/13/95	2/13/95	2/13/95
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Matrix Spike % Recovery:	95	95	95	94
Matrix Spike Duplicate % Recovery:	93	94	94	92
Relative % Difference:	2.1	1.1	1.1	2.2
LCS Batch#:	LCS021395	LCS021395	LCS021395	LCS021395
Date Prepared:	2/13/95	2/13/95	2/13/95	2/13/95
Date Analyzed:	2/13/95	2/13/95	2/13/95	2/13/95
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
LCS % Recovery:	97	98	97	97
% Recovery Control Limits:	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL
Elap #1624

- FOR
Suzanne Ghin
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.

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.
985 Timothy Drive
San Jose, CA 95133
Attention: Jim Keller

Client Project ID: 950201-J1, Chevron 9-4612
Matrix: Liquid
QC Sample Group: 9502225-02-04

Reported: Feb 15, 1995

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	C. Lee	C. Lee	C. Lee	C. Lee
MS/MSD Batch#:	5020296	5020296	5020296	5020296
Date Prepared:	2/10/95	2/10/95	2/10/95	2/10/95
Date Analyzed:	2/10/95	2/10/95	2/10/95	2/10/95
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Matrix Spike % Recovery:	92	93	93	93
Matrix Spike Duplicate % Recovery:	93	92	94	94
Relative % Difference:	1.1	1.1	1.1	1.1
LCS Batch#:	LCS021095	LCS021095	LCS021095	LCS021095
Date Prepared:	2/10/95	2/10/95	2/10/95	2/10/95
Date Analyzed:	2/10/95	2/10/95	2/10/95	2/10/95
Instrument I.D.#:	GCHP2	GCHP2	GCHP2	GCHP2
LCS % Recovery:	95	95	94	94
% Recovery Control Limits:	75-125	75-125	75-125	75-125

SEQUOIA ANALYTICAL
Elap #1624

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.

Sequoia Analytical

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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:	950201-J1, Chevron 9-4612	
985 Timothy Drive	Matrix:	Liquid	
San Jose, CA 95133			
Attention: Jim Keller	Work Order #:	9502225-02	Reported: Feb 15, 1995

QUALITY CONTROL DATA REPORT

Analyte:	Diesel
QC Batch#:	GC0207950HBPEXB
Analy. Method:	EPA 8015M
Prep. Method:	EPA 3510
Analyst:	B. Ali
MS/MSD #:	BLK020795
Sample Conc.:	N.D.
Prepared Date:	2/7/95
Analyzed Date:	2/11/95
Instrument I.D.#:	GCHP5
Conc. Spiked:	600 µg/L
Result:	430
MS % Recovery:	72
Dup. Result:	440
MSD % Recov.:	73
RPD:	2.3
RPD Limit:	0-50

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

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-Re

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: 950201J1
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): JEAN GATINEAU
Collection Date: 2/1/95
Signature: Jean Gatineau

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)			9502225	DO NOT BILL FOR TB-LB Remarks
VH-1		3	W		9:30	HCl	Y	X											-01
MW-3		5	"		9:59	"	"	"	X										-02
MW-2		3	"		10:30	"	"	"											-03
T.B.		2	V		—	V	V	V											-04

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
Jean Gatineau	B.T.S.	2/2/95 10:10	[illegible]	Sequoia	2/2/95 10:10
[illegible] Sequoia	Sequoia	2/2/95 12:40	J. Burg		2-2-95 1240
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time

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

Field
Data
Sheets

WELL GAUGING DATA

Project # 950201 J1 Date 2/1/95 Client CHEVRON 9-4613

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					5.97	20.38	TOC
MW-2	2					7.04	19.79	↓
MW-3	2					6.29	19.84	↓

CHEVRON WELL MONITORING DATA SHEET

Project #: 9502015J	Station # 9-4612
Sampler: J.G.	Date Sampled: 2/1/95
Well I.D.: VH-1	Well Diameter: (circle one) 2 3 (4) 6 ___
Total Well Depth: Before 20.38 After	Depth to Water: Before 5.97 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: PVC Grade Other --	

9.3	x	~~27.93~~	=	27.9
1 Case Volume		Specified Volumes		gallons

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

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

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
9:15	64.2	7.6	620	—	10.	ODOR
9:19	64.4	7.6	660	—	20.	
9:23	64.8	7.6	680	—	30.	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 30.

Sampling Time: 9:30

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

Analyzed for: TPHG, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 9502015J	Station # 9-1612
Sampler: J.G.	Date Sampled: 2/1/95
Well I.D.: MW-3	Well Diameter: (circle one) (2) 3 4 6 ____
Total Well Depth: Before 19.84 After	Depth to Water: Before 6.29 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

2.1	x	3	=	6.3
1 Case Volume		Specified Volumes		gallons

Purging: Bailer* / Middleburg / Electric Submersible / Suction Pump / Type of Installed Pump _____

Sampling: Bailer* DISP. / Middleburg / Electric Submersible / Suction Pump / Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
9:50	61.8	7.6	730	—	2.5	
9:53	62.2	7.6	720	—	5.	
9:56	62.4	7.7	720	—	7.	

Did Well Dewater? No If yes, gals. Gallons Actually Evacuated: 7.

Sampling Time: 9:59

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

* Analyzed for: TPHG, BTEX, TPHD

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

Analyzed for:

Shipping Notations:

Additional Notations:

CHEVRON WELL MONITORING DATA SHEET

Project #: 9502013J	Station # 9-4612
Sampler: JG	Date Sampled: 2/1/95
Well I.D.: MW-3	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 19.79 After	Depth to Water: Before 7.04 After
Depth to Free Product:	Thickness of Free Product (feet):
Measurements referenced to: (PVC) Grade Other --	

2.0	x	3	=	6.0
1 Case Volume		Specified Volumes		gallons

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

Sampling: Bailer X DISP,
Middleburg
Electric Submersible
Suction Pump
Installed Pump

TIME	TEMP. (F)	pH	COND.	TURBIDITY:	VOLUME REMOVED:	OBSERVATIONS:
10:19	65.0	7.0	1100	—	2.	
10:23	64.8	6.8	1200	—	4.	ODOR
10:27	65.4	7.0	1200	—	6.	

Did Well Dewater? NO If yes, gals. Gallons Actually Evacuated: 6.

Sampling Time: 10:30

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

Analyzed for: TPHG, BTEX

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

Analyzed for:

Shipping Notations:

Additional Notations: