Chevron

PH

Chevron U.S.A. Products Company
6001 Bollinger Canyon Rd. Bldg. L
P. O. Box 6004
San Ramon, CA 94583-0804

Site Assessment and
Remediation Group
Phone (510) 842-9500
Fax (510) 842-8370

Date: October 19, 1999

SHO 6241

To: Distribution

Re: Groundwater Monitoring Report, 9-0517

The enclosed groundwater monitoring report has been properly reviewed by a Chevron authorized representative. Agency guidelines have been followed. Blaine Tech Services is authorized to distribute the report directly to interested parties.

If you have any questions, please call me at (510) 842-8695.

Sincerely,

Brett L. Hunter

Brett Hunter
Site Assessment and Remediation
Project Manager

BLAINE
TECH SERVICES inc.

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

October 14, 1999

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

3rd Quarter 1999 Monitoring at 9-0517

Third Quarter 1999 Groundwater Monitoring at
Former Chevron Service Station Number 9-0517
3900 Piedmont Ave.
Oakland, CA

Monitoring Performed on August 23, 1999

Groundwater Sampling Report **990823-S-4**

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,

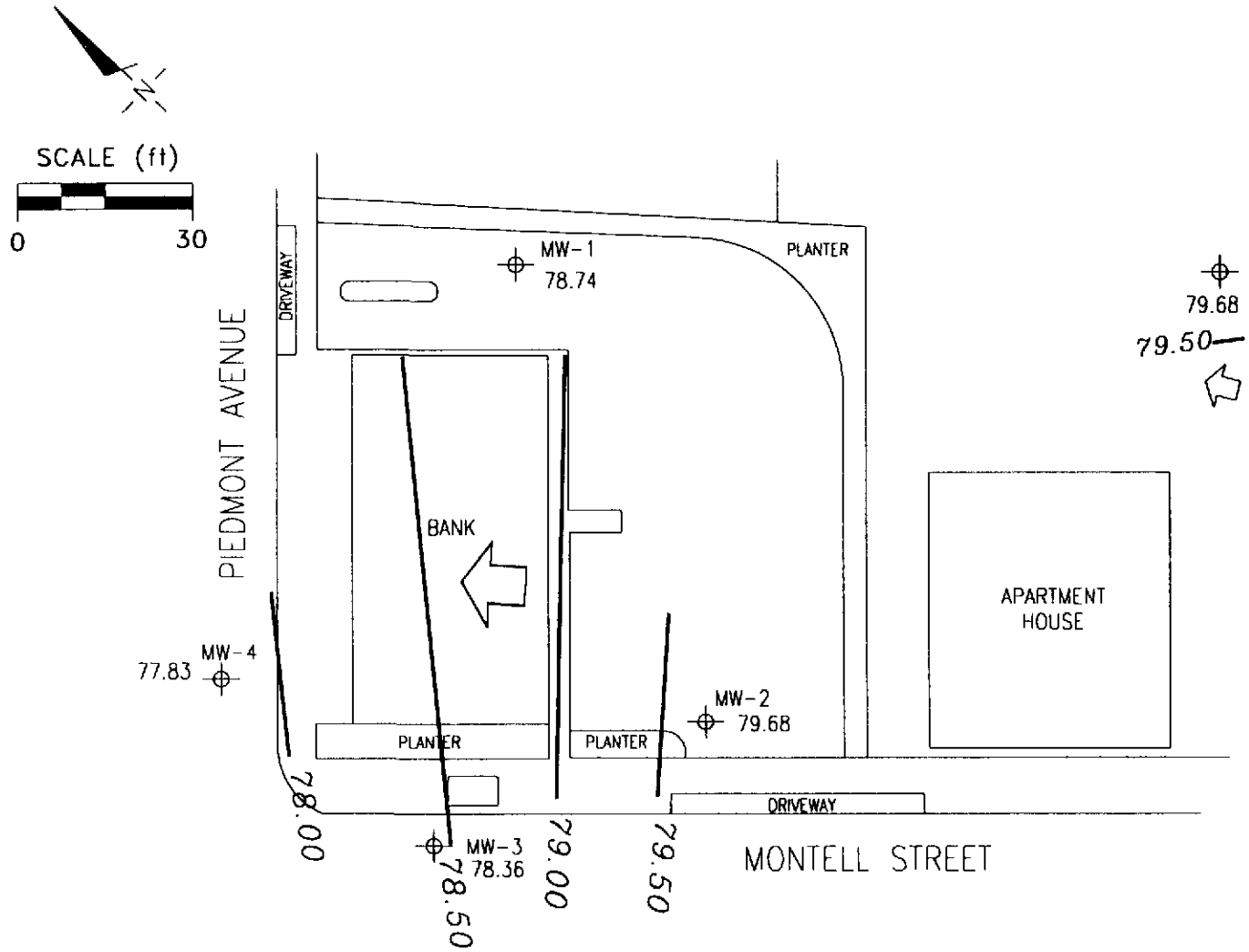
Scott Boor
Project Coordinator

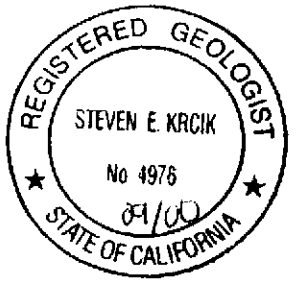
SDB/cm

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

cc: **Madhulla Logan, Alameda County Health Care Services**
Neil B. & Diane C. Goodhue
Greg Gurss, Gettler-Ryan, Inc.
Bette Owen, Chevron Products Company (w/o enclosure)

Professional Engineering Appendix





Ref. 0517-qm.dwg
Basemap from Gettler-Ryan, Inc.

PREPARED BY
RRM
engineering contracting firm

Former Chevron Station 9-0517
3900 Piedmont Avenue
Oakland, California

GROUNDWATER ELEVATION CONTOUR MAP, AUGUST 23, 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	MTBE
MW-1										
08/03/98	87.89	75.46	12.43	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/23/98	87.89	78.84	9.05	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
02/08/99	87.89	81.39	6.50	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/07/99	87.89	80.76	7.13	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/23/99	87.89	78.74	9.15	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-2										
08/03/98	86.09	74.75	11.34	--	<50	<0.5	<0.5	<0.5	<0.5	3.4
11/23/98	86.09	79.19	6.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
02/08/99	86.09	80.86	5.23	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/07/99	86.09	79.97	6.12	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/23/99	86.09	79.68	6.41	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
MW-3										
08/03/98	86.28	74.20	12.08	--	4000	160	<5.0	<5.0	73	180
11/23/98	86.28	78.59	7.69	--	4000	67.7	7.56	17.1	24.5	41.2
02/08/99	86.28	80.01	6.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/07/99	86.28	79.32	6.96	--	1800	53.6	8.96	33	18.6	21.4
08/23/99	86.28	78.36	7.92	--	3970	155	24	88.8	39.8	185
MW-4										
08/03/98	87.22	74.30	12.92	--	1900	110	12	<0.5	55	130
11/23/98	87.22	77.82	9.40	--	4080	136	17.8	37.2	30.1	51.8
02/08/99	87.22	79.40	7.82	*	2900	150	16	<5.0	15	230
02/08/99	87.22	79.40	7.82	Confirmation Run	--	--	--	--	--	30.7
05/07/99	87.22	79.80	7.42	--	6050	161	<25	39.8	36.9	<250
05/07/99	87.22	79.80	7.42	Confirmation Run	--	--	--	--	--	30.2
08/23/99	87.22	77.83	9.39	--	3930	203	37.6	58.6	42.2	255

* Chromatogram pattern indicates gas and 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	MTBE
TRIP BLANK										
08/03/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/23/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
02/08/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/07/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/23/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Note: Blaine Tech Services, Inc. began routine monitoring of the groundwater wells at this site on November 23, 1998. Earlier field data and analytical results are drawn from the August 3, 1998, Gettler-Ryan, Inc. report.

ABBREVIATIONS:

TPH = Total Petroleum Hydrocarbons

ND = Not detected at or above the minimum quantitation limit. See laboratory reports for minimum quantitation limits.

MTBE = Methyl-tert-butyl ether

Analytical Appendix

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

September 9, 1999

Christine Lillie
Blaine Tech Services (Chev)
1680 Rogers Avenue
San Jose, CA 95112

RE: Chevron 9-0517/9080850

Dear Christine Lillie

Enclosed are the results of analyses for sample(s) received by the laboratory on August 24, 1999. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wendy Bonnes
Project Manager

CA ELAP Certificate Number 1210

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

Blaine Tech Services (Chev)	Project:	Chevron 9-0517 (3900 Piedmont Ave.,Oakland)	Sampled:	8/23/99
1680 Rogers Avenue	Project Number:	990823-S4	Received:	8/24/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	9/9/99

ANALYTICAL REPORT FOR 9080850

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-1	9080850-01	Water	8/23/99
MW-2	9080850-02	Water	8/23/99
MW-3	9080850-03	Water	8/23/99
MW-4	9080850-04	Water	8/23/99
TB	9080850-05	Water	8/23/99

Sequoia Analytical

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Blaine Tech Services (Chev)	Project:	Chevron 9-0517 (3900 Piedmont Ave.,Oakland)	Sampled:	8/23/99
1680 Rogers Avenue	Project Number:	990823-S4	Received:	8/24/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	9/9/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-1			**9080850-01**				**Water**	
Purgeable Hydrocarbons	9081012	8/28/99	8/28/99		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*75.1*	%	
MW-2			**9080850-02**				**Water**	
Purgeable Hydrocarbons	9081012	8/28/99	8/28/99		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	"	"	"		2.50	ND	"	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*99.5*	%	
MW-3			**9080850-03**				**Water**	
Purgeable Hydrocarbons	9081050	8/31/99	8/31/99		1000	**3970**	ug/l	1,D
Benzene	"	"	"		10.0	**155**	"	D
Toluene	"	"	"		10.0	**24.0**	"	D
Ethylbenzene	"	"	"		10.0	**88.8**	"	D
Xylenes (total)	"	"	"		10.0	**39.8**	"	D
Methyl tert-butyl ether	"	"	"		50.0	**185**	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*108*	%	
MW-4			**9080850-04**				**Water**	
Purgeable Hydrocarbons	9081050	8/31/99	8/31/99		1000	**3930**	ug/l	1,D
Benzene	"	"	"		10.0	**203**	"	D
Toluene	"	"	"		10.0	**37.6**	"	D
Ethylbenzene	"	"	"		10.0	**58.6**	"	D
Xylenes (total)	"	"	"		10.0	**42.2**	"	D
Methyl tert-butyl ether	"	"	"		50.0	**255**	"	D
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*93.8*	%	
TB			**9080850-05**				**Water**	
Purgeable Hydrocarbons	9081012	8/28/99	8/28/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		0.500	ND	"	

Sequoia Analytical

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Morgan Hill, CA 95037
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FAX (408) 782-6308

Blaine Tech Services (Chev)	Project:	Chevron 9-0517 (3900 Piedmont Ave.,Oakland)	Sampled:	8/23/99
1680 Rogers Avenue	Project Number:	990823-S4	Received:	8/24/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	9/9/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT
Sequoia Analytical - Morgan Hill

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
TB (continued)			**9080850-05**				**Water**	
Methyl tert-butyl ether	9081012	8/28/99	8/28/99		2.50	ND	ug/l	
Surrogate: a,a,a-Trifluorotoluene	"	"	"	*70.0-130*		*95.0*	%	

Sequoia Analytical

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Blaine Tech Services (Chev)	Project:	Chevron 9-0517 (3900 Piedmont Ave.,Oakland)	Sampled: 8/23/99
1680 Rogers Avenue	Project Number:	990823-S4	Received: 8/24/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported: 9/9/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 9081012	**Date Prepared: 8/28/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9081012-BLK1**									
Purgeable Hydrocarbons	8/28/99			**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**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.81*	"	*70.0-130*	*98.1*			
LCS	**9081012-BS1**									
Purgeable Hydrocarbons	8/28/99	250		277	ug/l	70.0-130	111			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.3*	"	*70.0-130*	*103*			
Matrix Spike	**9081012-MS1**		**9080798-01**							
Purgeable Hydrocarbons	8/28/99	250	ND	285	ug/l	60.0-140	**114**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.4*	"	*70.0-130*	*104*			
Matrix Spike Dup	**9081012-MSD1**		**9080798-01**							
Purgeable Hydrocarbons	8/28/99	250	ND	272	ug/l	60.0-140	**109**	25.0	**4.48**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.2*	"	*70.0-130*	*102*			
Batch: 9081050	**Date Prepared: 8/31/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**9081050-BLK1**									
Purgeable Hydrocarbons	8/31/99			**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**	"	**2.50**				
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*10.2*	"	*70.0-130*	*102*			
LCS	**9081050-BS1**									
Benzene	8/31/99	10.0		9.21	ug/l	70.0-130	92.1			
Toluene	"	10.0		9.13	"	70.0-130	91.3			
Ethylbenzene	"	10.0		9.35	"	70.0-130	93.5			
Xylenes (total)	"	30.0		28.5	"	70.0-130	95.0			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*9.27*	"	*70.0-130*	*92.7*			
Matrix Spike	**9081050-MS1**		**9080584-03**							
Benzene	8/31/99	10.0	ND	9.22	ug/l	60.0-140	**92.2**			
Toluene	"	10.0	ND	8.76	"	60.0-140	**87.6**			

Sequoia Analytical

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308

Blaine Tech Services (Chev)	Project:	Chevron 9-0517 (3900 Piedmont Ave.,Oakland)	Sampled:	8/23/99
1680 Rogers Avenue	Project Number:	990823-S4	Received:	8/24/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	9/9/99

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike (continued)	**9081050-MS1**		**9080584-03**							
Ethylbenzene	8/31/99	10.0	ND	9.09	ug/l	60.0-140	**90.9**			
Xylenes (total)	"	30.0	ND	27.5	"	60.0-140	**91.7**			
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.33*	"	*70.0-130*	*73.3*			
Matrix Spike Dup	**9081050-MSD1**		**9080584-03**							
Benzene	8/31/99	10.0	ND	9.26	ug/l	60.0-140	**92.6**	25.0	**0.433**	
Toluene	"	10.0	ND	8.84	"	60.0-140	**88.4**	25.0	**0.909**	
Ethylbenzene	"	10.0	ND	9.10	"	60.0-140	**91.0**	25.0	**0.110**	
Xylenes (total)	"	30.0	ND	27.7	"	60.0-140	**92.3**	25.0	**0.652**	
Surrogate: a,a,a-Trifluorotoluene	"	*10.0*		*7.47*	"	*70.0-130*	*74.7*			

Sequoia Analytical

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Blaine Tech Services (Chev)	Project:	Chevron 9-0517 (3900 Piedmont Ave.,Oakland)	Sampled:	8/23/99
1680 Rogers Avenue	Project Number:	990823-S4	Received:	8/24/99
San Jose, CA 95112	Project Manager:	Christine Lillie	Reported:	9/9/99

Notes and Definitions

#	Note
D	Data reported from a dilution.
I	Chromatogram Pattern: Gasoline C6-C12
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

9080050

Chain-of-Custody-Recor

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

Chevron Facility Number 9-0517
Facility Address 3900 Piedmont Ave., Oakland
Consultant Project Number 990323-54
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)
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 (8250)	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/Napht. (8020)	TPH - HCID	TPH-D Extended					Remarks / Lab Sample No.
MW-1	3	W	HCl	8/24/99 14:20	X																	01
MW-2	↓	↓	↓	14:40	X																	02
MW-3	↓	↓	↓	15:02	X																	03
MW-4	↓	↓	↓	15:20	X																	04 ~~8-24-99~~
TB	2	↓	↓		X																	05

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
	BTS	8-24-99 1332			8/24/99 1332	
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
					8/25/99 11:2	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N

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

COC-3.DWG/07-98/HCH

WELL GAUGING DATA

Project # 990823-54 Date 8/23/99 Client _____

Site _____ Chevron 9-0517, 3900 Piedmont Ave., 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	
mw-1						9.15	16.52	TOC	1
mw-2						6.41	16.45		2
mw-3						7.92	17.57		3
mw-4						9.39	16.30		4

4

CHEVRON WELL MONITORING DATA SHEET

Project #: 990823-54	Station #: 9-0517
Sampler: KPS	Date: 8/23/99
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 16.52	Depth to Water: 9.15
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); Extraction Port; Other: ___

1 Case Volume (Gals.)	X	Specified Volumes	=	Calculated Volume
1.2	X	3	=	3.6 Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:10	70.0	6.4	441	1.5	
14:13	68.1	6.7	599	3	
14:16	67.9	7.0	623	4	

Did well dewater? Yes (No) Gallons actually evacuated: 4

Sampling Time: 14:20 Sampling Date: 8/23/99

Sample I.D.: MW-1 Laboratory: (Sequoia) CORE N. Creek Assoc. Labs

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

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

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

4

CHEVRON WELL MONITORING DATA SHEET

Project #:	90823-54	Station #:	9-0517
Sampler:	KPS	Date:	8/23/99
Well I.D.:	MW-2	Well Diameter:	(2) 3 4 6 8 ___
Total Well Depth:	16.45	Depth to Water:	6.41
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); Extraction Port; Other: ___

1.6 (1 Case Volume (Gals.)) X 3 (Specified Volumes) = 4.8 Gals. (Calculated Volume)

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:30	74.3	6.9	455	1.5	
14:33	73.6	7.0	461	3	
14:36	73.4	7.3	463	5	

Did well dewater? Yes (No) Gallons actually evacuated: 5

Sampling Time: 14:40 Sampling Date: 8/23/99

Sample I.D.: MW-2 Laboratory: (Sequoia) CORE N. Creek Assoc. Labs

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

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

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

4

CHEVRON WELL MONITORING DATA SHEET

Project #:	990823-54	Station #:	9-0517
Sampler:	KPS	Date:	8/23/99
Well I.D.:	MW-3	Well Diameter:	(2) 3 4 6 8 ___
Total Well Depth:	17.57	Depth to Water:	7.92
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) / Extraction Port / Other: ___

1.5 (1 Case Volume Gals.) X 3 (Specified Volumes) = 4.5 (Calculated Volume) Gals.

Time	Temp (°F)	pH	Cond.	Gals. Removed	Observations
14:48	72.9	7.0	588	1.5	
14:52	72.5	7.2	587	3	
14:56	72.6	7.3	641	5	

Did well dewater? Yes (No) Gallons actually evacuated: 5

Sampling Time: 15:02 Sampling Date: 8/23/99

Sample I.D.: MW-3 Laboratory: (Sequoia) CORE N. Creek Assoc. Labs

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

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

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