



# GETTLER-RYAN INC.

August 25, 2000  
G-R Job #386456

Mr. Thomas Bauhs  
Chevron Products Company  
P.O. Box 6004  
San Ramon, CA 94583

**RE: Second Quarter Event of May 10, 2000**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0338  
5500 Telegraph Avenue  
Oakland, California

Dear Mr. Bauhs:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

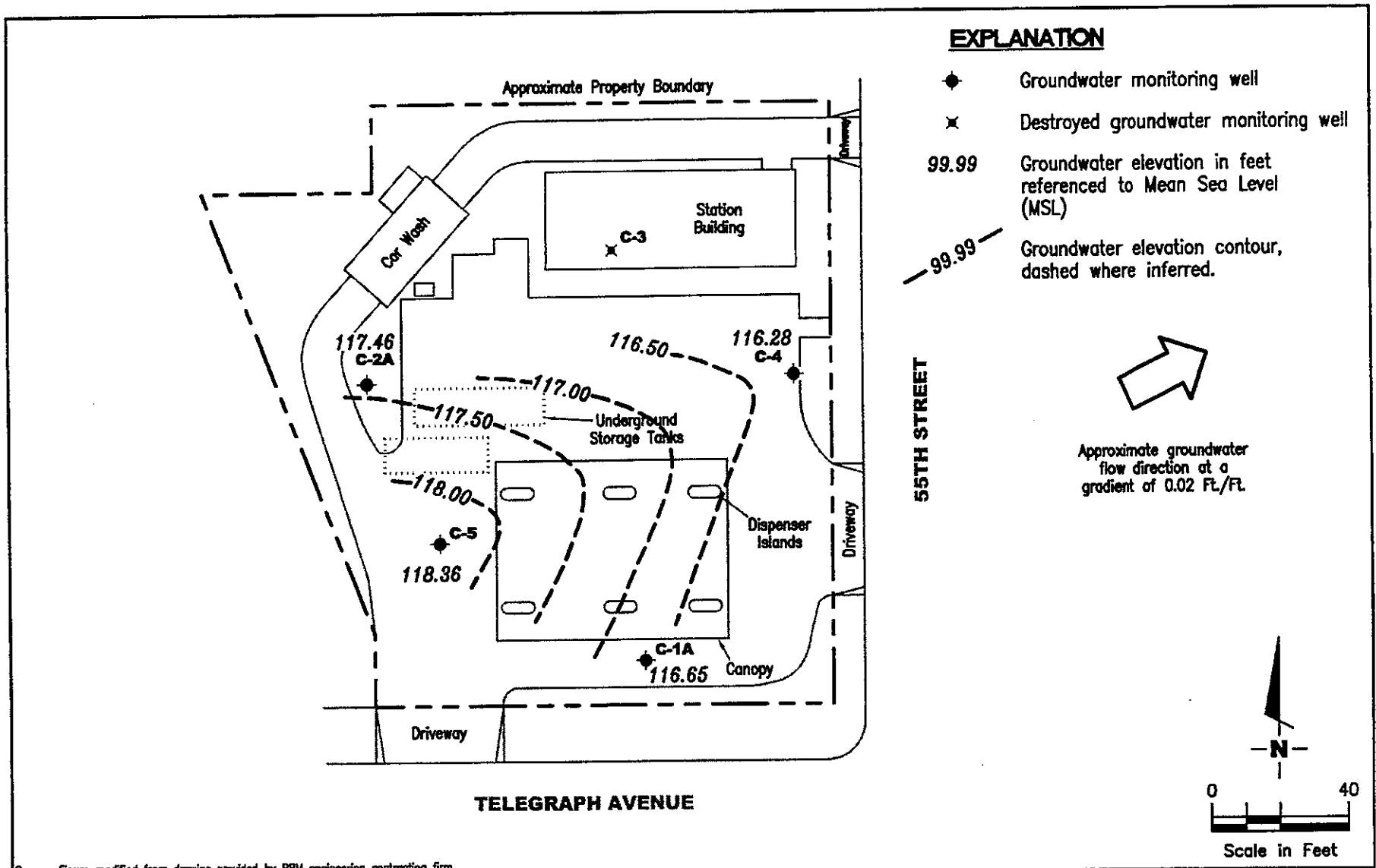
*Deanna L. Harding*  
Deanna L. Harding  
Project Coordinator

*Barbara Sieminski*

Barbara Sieminski  
Senior Geologist, R.G. No. 6676



Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by RRM engineering contracting firm.



**Gettler - Ryan Inc.**

6747 Sierra Ct., Suite J  
Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP  
Chevron Service Station #9-0338  
5500 Telegraph Avenue  
Oakland, California

FIGURE

1

PROJECT NUMBER  
386456

REVIEWED BY

DATE  
May 10, 2000

REVISED DATE

FILE NAME: P:\Enviro\Chevron\9-0338\000-9-0338.dwg | Layout Tab: P012

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0338  
5500 Telegraph Avenue  
Oakland, California

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb).

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE
<b>C-1A</b>										
05/27/99	123.27	115.93	7.34	--	9100	40	25	560	1900	35
09/02/99	123.27	115.72	7.55	--	9700	24	18.4	626	754	66
10/27/99	123.27	115.84	7.43	--	4740	<10	<10	276	270	<100
10/27/99	123.27	115.84	7.43	Confirmation run	--	--	--	--	--	6.66
02/11/00	123.27	115.27	8.00	--	5100	17.5	<10	182	333	<50
05/10/00	123.27	116.65	6.62	--	11,000 <sup>1</sup>	110	170	480	980	<500
<b>C-2A</b>										
05/27/99	125.89	119.53	6.36	--	<50	<0.5	<0.5	<0.5	<0.5	44
09/02/99	125.89	117.04	8.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/27/99	125.89	116.65	9.24	--	<50	<0.5	<0.5	<0.5	<0.5	8.75
10/27/99	125.89	116.65	9.24	Confirmation run	--	--	--	--	--	7.77
02/11/00	125.89	117.64	8.25	--	<50	<0.5	<0.5	<0.5	<0.5	17.8
05/10/00	125.89	117.46	8.43	--	<50	<0.50	<0.50	<0.50	<0.50	3.2
<b>C-4</b>										
05/27/99	125.40	115.34	10.06	--	<50	<0.5	<0.5	<0.5	<0.5	44
09/02/99	125.40	114.89	10.51	--	<50	<0.5	<0.5	<0.5	<0.5	3.1
10/27/99	125.40	115.03	10.37	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	125.40	115.03	10.37	Confirmation run	--	--	--	--	--	<2.0
02/11/00	125.40	114.48	10.92	--	<50	<0.5	<0.5	<0.5	<0.5	2.79
05/10/00	125.40	116.28	9.12	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
<b>C-5</b>										
05/27/99	124.15	117.54	6.61	--	2800	350	73	32	280	2200
05/27/99	124.15	117.54	6.61	Confirmation run	--	--	--	--	--	2500
09/02/99	124.15	116.27	7.88	--	570	9.0	<2.5	<2.5	<2.5	890
10/27/99	124.15	116.90	7.25	--	543	4.22	<0.5	3.28	<0.5	845
10/27/99	124.15	116.90	7.25	Confirmation run	--	--	--	--	--	1080
02/11/00	124.15	117.41	6.74	--	488	0.56	<0.5	1.45	<0.5	565
05/10/00	124.15	118.36	5.79	--	140 <sup>1</sup>	3.6	1.2	0.53	2.0	380

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0338  
5500 Telegraph Avenue  
Oakland, California

Vertical Measurements are in feet.

Analytical values are in parts per billion (ppb).

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE
<b>TRIP BLANK</b>										
05/27/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/02/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/27/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
02/11/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/10/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to May 10, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl tertiary butyl ether

<sup>1</sup> Laboratory report indicates gasoline C6-C12.

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using Chevron-designated disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility# 9-0338 Job#: 386456  
 Address: 5500 Telegraph Ave. Date: 5-10-00  
 City: Oakland, CA. Sampler: G-Sy

Well ID C-1A Well Condition: OK  
 Well Diameter 2 in. Hydrocarbon Amount Bailed  
 Thickness: 0 (feet) (product/water): 0 (Gallons)  
 Total Depth 19.11 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 6.62 ft. Factor (VF) 6" = 1.50 12" = 5.80

12.49 X VF .17 = 2.1 X 3 (case volume) = Estimated Purge Volume: 6.3 (gal.)

Purge Equipment: Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 18:00 Weather Conditions: Sunny  
 Sampling Time: 18:13 Water Color: light brown/clear Odor: none  
 Purging Flow Rate: N/A gpm. Sediment Description: light clay  
 Did well de-water? NO If yes: Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm	Temperature $^{\circ}$ F $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>18:05</u>	<u>2.0</u>	<u>.32</u>	<u>257</u>	<u>18.7</u>			
<u>18:09</u>	<u>4.0</u>	<u>.39</u>	<u>408</u>	<u>18.1</u>			
<u>18:13</u>	<u>6.5</u>	<u>.46</u>	<u>430</u>	<u>18.0</u>			

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1A</u>	<u>VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btx/mtbe</u>

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

10.40

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # 9-0338 Job #: 386456  
 Address: 5500 Telegraph Ave. Date: 5-10-05  
 City: Oakland, CA. Sampler: G.S.Y.

Well ID C-2A Well Condition: OK  
 Well Diameter 2 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons) 0  
 Total Depth 19.85 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 8.43 ft. Factor (VF) 6" = 1.50 12" = 5.80

11.42 X VF .17 = 1.94 X 3 (case volume) = Estimated Purge Volume: 5.8 (gal.)

Purge Equipment: Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_  
 Sampling Equipment: Disposable Bailer  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 17:00 Weather Conditions: Sunny  
 Sampling Time: 17:12 Water Color: light brown Odor: none  
 Purging Flow Rate: N/A gpm. Sediment Description: light clay  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm	Temperature $^{\circ}$ F/ $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>17:04</u>							
<u>17:04</u>	<u>2</u>	<u>.41</u>	<u>712</u>	<u>17.1</u>			
<u>17:07</u>	<u>4</u>	<u>.32</u>	<u>776</u>	<u>17.0</u>			
<u>17:10</u>	<u>6</u>	<u>.19</u>	<u>824</u>	<u>17.0</u>			
<u>17:12</u>	<u>7</u>	<u>.17</u>	<u>827</u>	<u>17.0</u>			

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2A</u>	<u>VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(GI)/bTEX/mtbe</u>

COMMENTS: Installed new lock & locking cap

**WELL MONITORING/SAMPLING  
FIELD DATA SHEET**

Client/Facility# 9-0338 Job#: 386456  
 Address: 5500 Telegraph Ave. Date: 5-10-00  
 City: Oakland, CA. Sampler: G. Say

Well ID C-4 Well Condition: OK  
 Well Diameter 2 in. Hydrocarbon Amount Bailed  
 Thickness: 0 (feet) (product/water): 0 (Gallons)  
 Total Depth 19.10 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 9.12 ft. Factor (VF) 6" = 1.50 12" = 5.80  
9.98 x VF 0.17 = 1.7 x 3 (case volume) = Estimated Purge Volume: 5.1 (gal.)

Purge Equipment: Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_  
 Sampling Equipment: Disposable Bailer  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 16:30 Weather Conditions: Sunny  
 Sampling Time: 16:40 Water Color: Light brown Odor: none  
 Purging Flow Rate: Q/A gpm. Sediment Description: clay  
 Did well de-water? no If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>16:33</u>	<u>2</u>	<u>.31</u>	<u>608</u>	<u>19.0</u>			
<u>16:36</u>	<u>4</u>	<u>.38</u>	<u>625</u>	<u>18.6</u>			
<u>16:40</u>	<u>6</u>	<u>.45</u>	<u>629</u>	<u>18.3</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-4</u>	<u>VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btax/mtbe</u>

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # 9-0338 Job #: 386450  
 Address: 5500 Telegraph Ave. Date: 5-10-00  
 City: Oakland, CA. Sampler: G. Say

Well ID C-5 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Amount Bailed  
 Thickness: 0 (feet) (product/water): 0 (Gallons)  
 Total Depth 20.05 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66  
 Depth to Water 5.79 ft. Factor (VF) 6" = 1.50 12" = 5.80

14.26 x VF .12 = 2.4 x 3 (case volume) = Estimated Purge Volume: 7.3 (gal.)

Purge Equipment: Disposable Bailer Sampling Equipment: Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 17:25 Weather Conditions: Sunny  
 Sampling Time: 17:40 Water Color: light brown Odor: none  
 Purging Flow Rate: N/A gpm. Sediment Description: light clay  
 Did well de-water? NO If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>17:30</u>	<u>2.5</u>	<u>9</u>	<u>973</u>	<u>17.7</u>			
<u>17:35</u>	<u>5.0</u>	<u>9.8</u>	<u>969</u>	<u>17.6</u>			
<u>17:40</u>	<u>7.5</u>	<u>10.2</u>	<u>967</u>	<u>17.4</u>			

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-5</u>	<u>VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(GI)/btex/mtbe</u>

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_





# Sequoia Analytical

404 N. Wiget Lane  
Walnut Creek, CA 94598  
(925) 988-9600  
FAX (925) 988-9673  
www.sequoialabs.com

30 May, 2000

Deanna L. Harding  
Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin, CA 94568

RE: Chevron  
Sequoia Report: W005313

Enclosed are the results of analyses for samples received by the laboratory on 11-May-00 17:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater  
Project Manager

CA ELAP Certificate #1271





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0338  
Project Manager: Deanna L. Harding

Reported:  
30-May-00 07:49

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W005313-01	Water	10-May-00 00:00	11-May-00 17:15
C-4	W005313-02	Water	10-May-00 16:40	11-May-00 17:15
C-2A	W005313-03	Water	10-May-00 17:12	11-May-00 17:15
C-5	W005313-04	Water	10-May-00 17:40	11-May-00 17:15
C-1A	W005313-05	Water	10-May-00 18:13	11-May-00 17:15

Sequoia Analytical - Walnut Creek

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

  
Charlie Westwater, Project Manager

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Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	<b>Project: Chevron</b> Project Number: Chevron # 9-0338 Project Manager: Deanna L. Harding	<b>Reported:</b> 30-May-00 07:49
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>TB-LB (W005313-01) Water</b> <b>Sampled: 10-May-00 00:00</b> <b>Received: 11-May-00 17:15</b>									
Purgeable Hydrocarbons	ND	50	ug/l	1	0E22001	22-May-00	23-May-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %	70-130	"	"	"	"	"	
<b>C-4 (W005313-02) Water</b> <b>Sampled: 10-May-00 16:40</b> <b>Received: 11-May-00 17:15</b>									
Purgeable Hydrocarbons	ND	50	ug/l	1	0E22001	22-May-00	23-May-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		101 %	70-130	"	"	"	"	"	
<b>C-2A (W005313-03) Water</b> <b>Sampled: 10-May-00 17:12</b> <b>Received: 11-May-00 17:15</b>									
Purgeable Hydrocarbons	ND	50	ug/l	1	0E22001	22-May-00	23-May-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	3.2	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %	70-130	"	"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0338  
Project Manager: Deanna L. Harding

Reported:  
30-May-00 07:49

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-5 (W005313-04) Water Sampled: 10-May-00 17:40 Received: 11-May-00 17:15									P-01
Purgeable Hydrocarbons	140	50	ug/l	1	0E22001	22-May-00	23-May-00	EPA 8015M/8020	
Benzene	3.6	0.50	"	"	"	"	"	"	
Toluene	1.2	0.50	"	"	"	"	"	"	
Ethylbenzene	0.53	0.50	"	"	"	"	"	"	
Xylenes (total)	2.0	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	380	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		95.0 %	70-130	"	"	"	"	"	
C-1A (W005313-05) Water Sampled: 10-May-00 18:13 Received: 11-May-00 17:15									P-01
Purgeable Hydrocarbons	11000	10000	ug/l	200	0E22001	22-May-00	23-May-00	EPA 8015M/8020	
Benzene	110	100	"	"	"	"	"	"	
Toluene	170	100	"	"	"	"	"	"	
Ethylbenzene	480	100	"	"	"	"	"	"	
Xylenes (total)	980	100	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	500	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		98.7 %	70-130	"	"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0338  
Project Manager: Deanna L. Harding

Reported:  
30-May-00 07:49

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 0E22001 - EPA 5030B [P/T]</b>										
<b>Blank (0E22001-BLK1)</b> Prepared: 22-May-00 Analyzed: 23-May-00										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	31.6		"	30.0		105	70-130			
<b>LCS (0E22001-BS1)</b> Prepared: 22-May-00 Analyzed: 23-May-00										
Benzene	16.9	0.50	ug/l	20.0		84.5	70-130			
Toluene	18.3	0.50	"	20.0		91.5	70-130			
Ethylbenzene	19.0	0.50	"	20.0		95.0	70-130			
Xylenes (total)	59.7	0.50	"	60.0		99.5	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	27.3		"	30.0		91.0	70-130			
<b>Matrix Spike (0E22001-MS1)</b> Source: W005279-03 Prepared: 22-May-00 Analyzed: 23-May-00										
Benzene	15.6	0.50	ug/l	20.0	ND	78.0	70-130			
Toluene	16.9	0.50	"	20.0	ND	84.5	70-130			
Ethylbenzene	19.6	0.50	"	20.0	ND	98.0	70-130			
Xylenes (total)	55.8	0.50	"	60.0	ND	93.0	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	26.8		"	30.0		89.3	70-130			
<b>Matrix Spike Dup (0E22001-MSD1)</b> Source: W005279-03 Prepared: 22-May-00 Analyzed: 23-May-00										
Benzene	16.1	0.50	ug/l	20.0	ND	80.5	70-130	3.15	20	
Toluene	17.1	0.50	"	20.0	ND	85.5	70-130	1.18	20	
Ethylbenzene	18.4	0.50	"	20.0	ND	92.0	70-130	6.32	20	
Xylenes (total)	56.0	0.50	"	60.0	ND	93.3	70-130	0.358	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	26.3		"	30.0		87.7	70-130			





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Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0338  
Project Manager: Deanna L. Harding

**Reported:**  
30-May-00 07:49

### Notes and Definitions

P-01 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  
RPD Relative Percent Difference

