



GETTLER - RYAN INC.

February 12, 2001
G-R Job #386456

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

RE: Fourth Quarter Event of November 21, 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).

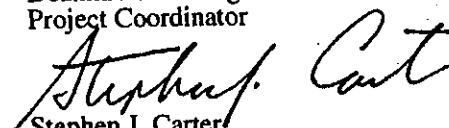
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

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
Project Coordinator


Stephen J. Carter
Senior Geologist, R.G. No. 5577

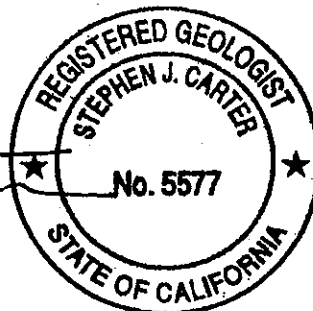
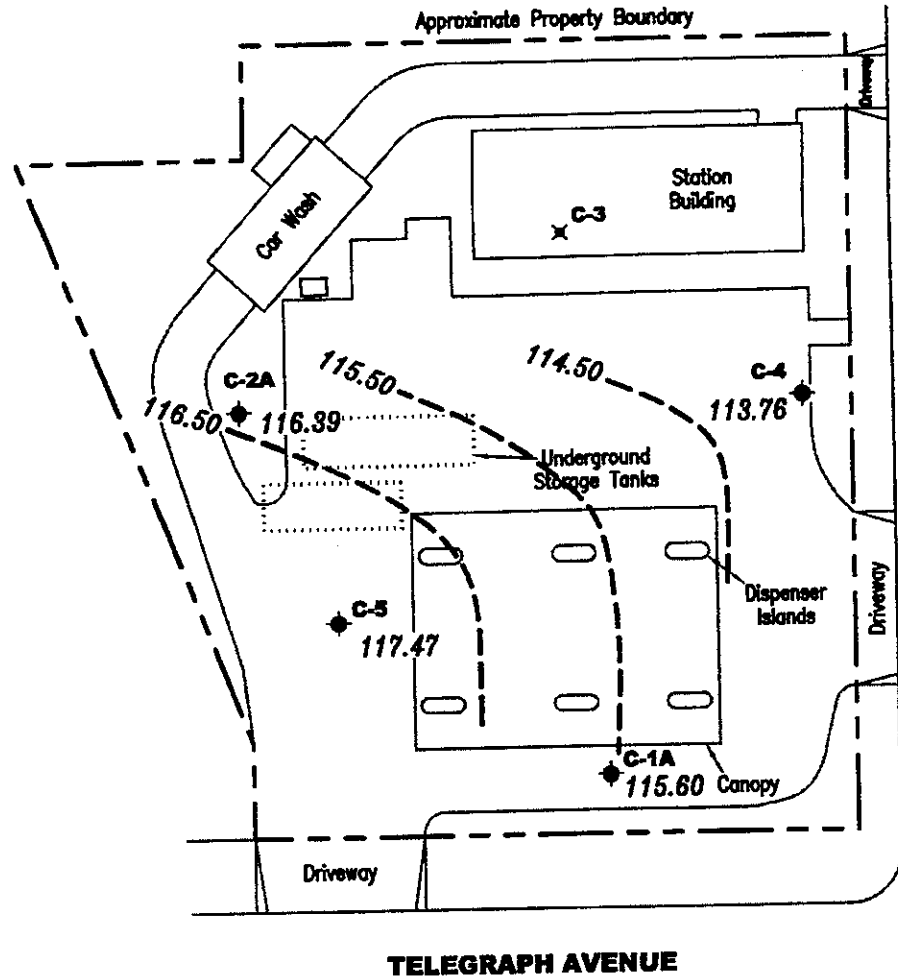


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

EXPLANATION

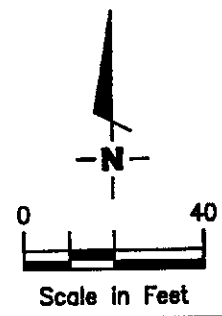
- ◆ Groundwater monitoring well
- ✕ Destroyed groundwater monitoring well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- 99.99 - Groundwater elevation contour, dashed where inferred.



55TH STREET

TELEGRAPH AVENUE

Approximate groundwater flow direction at a gradient of 0.03 Ft./Ft.



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 November 21, 2000	REVISED DATE
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FILE NAME: P:\Enviro\Chevron\9-0338\000-9-0338.DWG | Layout Tab: Pot4

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

Analytical values are in parts per billion (ppb).

Vertical Measurements are in feet.

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE
C-1A									
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	<100/66.6 ²
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 ¹	110	170	480	980	<500
07/27/00	123.27	115.14	8.13	6,200 ¹	<50	<50	540	150	<250
11/21/00	123.27	115.60	7.67	6,500 ¹	19	<10	450	360	<50
C-2A									
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	8.75/7.77 ²
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
07/27/00	125.89	116.34	9.55	<50	<0.50	<0.50	<0.50	<0.50	20
11/21/00	125.89	116.39	9.50	<50	<0.50	<0.50	<0.50	<0.50	<50
C-4									
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/<2.0 ²
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
07/27/00	125.40	113.50	11.90	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/21/00	125.40	113.76	11.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5

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

Analytical values are in parts per billion (ppb).

Vertical Measurements are in feet.

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	TPH- Gasoline	Benzene	Toluene	Ethyl- Benzene	Xylenes	MTBE
C-5									2,200/2,500 ²
05/27/99	124.15	117.54	6.61	2800	350	73	32	280	890
09/02/99	124.15	116.27	7.88	570	9.0	<2.5	<2.5	<2.5	845/1,080 ²
10/27/99	124.15	116.90	7.25	543	4.22	<0.5	3.28	<0.5	565
02/11/00	124.15	117.41	6.74	488	0.56	<0.5	1.45	<0.5	380
05/10/00	124.15	118.36	5.79	140 ¹	3.6	1.2	0.53	2.0	460
07/27/00	124.15	116.92	7.23	260 ¹	1.4	1.2	0.93	2.8	350
11/21/00	124.15	117.47	6.68	130 ¹	0.74	0.73	<0.50	<0.50	
TRIP BLANK									<2.5
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	<5.0
10/27/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
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
07/27/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/21/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

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

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

-- = Not Measured/Not Analyzed

¹ Laboratory report indicates gasoline C6-C12.

² Confirmation run.

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
Address: 5500 Telegraph Ave.
City: Oakland, CA.

Job#: 386456
Date: 11-21-00
Sampler: FRANK T.

Well ID C-1A
Well Diameter 2" in.
Total Depth 19.11 ft.
Depth to Water 7.67 ft.

Well Condition: O'K'
Hydrocarbon Thickness: (feet) Amount Bailed (Gallons)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

11.44 x VF .17 = 1.94 x 3 (case volume) = Estimated Purge Volume: 5.83 (gal.)

Purge Equipment: (Disposable Bailer)
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: (Disposable Bailer)
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 2:00
Sampling Time: 2:21
Purging Flow Rate: _____ gpm.
Did well de-water? NO

Weather Conditions: RAINING
Water Color: CLEAR Odor: yes
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>2:04</u>	<u>2.0</u>	<u>7.07</u>	<u>810</u>	<u>64.5</u>			
<u>2:08</u>	<u>4.0</u>	<u>6.95</u>	<u>912</u>	<u>66.3</u>			
<u>2:19</u>	<u>6.0</u>	<u>6.77</u>	<u>975</u>	<u>66.9</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES	
					TPH(GI)/bTEX/mtbe	
<u>C-1A</u>	<u>3-VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>		

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility # 9-0338 Job#: 386456
 Address: 5500 Telegraph Ave. Date: 11-21-00
 City: Oakland, CA. Sampler: FRANK T.

Well ID C-2A Well Condition: OK
 Well Diameter 2" in. Hydrocarbon Thickness: Ø (feet) Amount Bailed (product/water): Ø (Gallons)
 Total Depth 19.85 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66
 Depth to Water 9.50 ft. Factor (VF) 6" = 1.50 12" = 5.80

10.35 x VF .17 = 1.75 x 3 (case volume) = Estimated Purge Volume: 5.27 (gal.)

Purge Equipment: (Disposable Bailer) Bailer Stack Suction Grundfos Other: _____
 Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: _____

Starting Time: 12:10 Weather Conditions: RAINING
 Sampling Time: 12:30 Water Color: CLOUDY Odor: NO
 Purging Flow Rate: --- gpm. Sediment Description: _____
 Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity (µmhos/cm x 100)	Temperature (°F)	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>12:14</u>	<u>1.5</u>	<u>7.65</u>	<u>680</u>	<u>61.3</u>			
<u>12:18</u>	<u>3.0</u>	<u>7.42</u>	<u>696</u>	<u>63.4</u>			
<u>12:22</u>	<u>5.0</u>	<u>7.14</u>	<u>740</u>	<u>63.8</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2A</u>	<u>3-VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility# 9-0338 Job#: 386456
 Address: 5500 Telegraph Ave. Date: 11-21-00
 City: Oakland, CA. Sampler: FRANK T.

Well ID C-4 Well Condition: OK
 Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons)
 Total Depth 19.10 ft. Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
 Depth to Water 11.64 ft. 6" = 1.50 12" = 5.80

7.46 x VF .17 = 1.26 x 3 (case volume) = Estimated Purge Volume: 3.80 gal.

Purge Equipment: (Disposable Bailer) Bailer Stack Suction Grundfos Other: _____
 Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: _____

Starting Time: 12:45 Weather Conditions: RAINING
 Sampling Time: 1:04 Water Color: CLOUDY Odor: NO
 Purging Flow Rate: — gpm. Sediment Description: _____
 Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature of $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:49	1.5	7.64	490	64.4			
12:53	3.0	7.21	429	65.7			
12:56	4.0	6.98	378	65.9			

LABORATORY INFORMATION

SAMPLE ID	I# - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES	
					TPH(G)/btax/mtbe	
C-4	3-VOAVIAL	Y	HCL	SEQUOIA		

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/
Facility # 9-0338
Address: 5500 Telegraph Ave.
City: Oakland, CA.

Job#: 386456
Date: 11-21-00
Sampler: FRANK T.

Well ID C-5 Well Condition: OK
Well Diameter 2" in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 20.05 ft. Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
Depth to Water 6.68 ft. 6" = 1.50 12" = 5.80

13.37 x VF .17 = 2.27 x 3 (case volume) = Estimated Purge Volume: 6.81 (gal.)

Purge Equipment: (Disposable Bailer)
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: (Disposable Bailer)
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1:25
Sampling Time: 1:47
Purging Flow Rate: gpm.
Did well de-water? NO

Weather Conditions: RAINING
Water Color: CLOUDY Odor: YES
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1:30</u>	<u>2.5</u>	<u>7.57</u>	<u>472</u>	<u>64.0</u>			
<u>1:35</u>	<u>5.0</u>	<u>7.14</u>	<u>421</u>	<u>65.6</u>			
<u>1:39</u>	<u>7.0</u>	<u>6.87</u>	<u>506</u>	<u>65.9</u>			

LABORATORY INFORMATION

SAMPLE ID	(M) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
					TPH(GI)/btex/mtbe
<u>C-5</u>	<u>3-VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	

COMMENTS: _____

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 #9-0338
 Facility Address 5500 TELEGRAPH AVE., OAKLAND, CA.
 Consultant Project Number 386456
 Consultant Name GETTLER-RYAN INC.
 Address 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568
 Project Contact (Name) DEANNA L. HARDING
 (Phone) 925-551-7555 (Fax Number) 925-551-7899

Chevron Contact (Name) MR. TOM BAUHS
 (Phone) (925) 842-8898 W011499
 Laboratory Name SEQUOIA
 Laboratory Service Order
 Laboratory Service Code
 Sample Collected by (Name) FRANK T ERINOWI
 Signature *[Signature]*

State Method: CA OR WA NW Series CO UT IDAHO

Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Chrocod	Sample Preservation	Date/Time	BTX/MTBE+TPH GAS (8020 + 8015)	BTX + TPH GAS (8020 + 8015)	TPH Demand (8015)	Organochlorines (8260)	Pesticide Herbicides (8010)	Pesticide Organics (8280)	Extractable Organics (8270)	Oil and Grease (8330)	Metals (Cd, Cr, Pb, Zn, Ni)	BTX (8020)	BTX/MTBE/Naph. (8020)	TPH - HCD	TPH-D Extended	Remarks	Lab Sample No.
TBLB	1	W	HCL	11-21-00	X														O1A
C-1A	3			14:21	X														O2A-C
C-2A	3			12:30	X														O3A-C
C-4	3			13:04	X														O4A-C
C-5	3			13:47	X														

Relinquished By (Signature) <i>[Signature]</i>	Organization G-R INC.	Date/Time 11-21-00	Received By (Signature) <i>[Signature]</i>	Organization	Date/Time	Iced Y/N
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) <i>[Signature]</i>		Date/Time 11/21	Iced <input checked="" type="checkbox"/> Y/N

Turn Around Time (Circle Choice)

24 Hrs.
 48 Hrs.
 5 Days
 10 Days
 As Contracted



Sequoia Analytical

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

20 December, 2000

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

RE: Chevron
Sequoia Report W011499

Enclosed are the results of analyses for samples received by the laboratory on 21-Nov-00 17:00. 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:
20-Dec-00 08:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TBLB	W011499-01	Water	21-Nov-00 00:00	21-Nov-00 17:00
C-1A	W011499-02	Water	21-Nov-00 14:21	21-Nov-00 17:00
C-2A	W011499-03	Water	21-Nov-00 12:30	21-Nov-00 17:00
C-4	W011499-04	Water	21-Nov-00 13:04	21-Nov-00 17:00
C-5	W011499-05	Water	21-Nov-00 13:47	21-Nov-00 17:00

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





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:
20-Dec-00 08:22

**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
TBLB (W011499-01) Water Sampled: 21-Nov-00 00:00 Received: 21-Nov-00 17:00									
Purgeable Hydrocarbons	ND	50	ug/l	1	0L04002	04-Dec-00	04-Dec-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>		102 %	70-130	"	"	"	"	"	
C-1A (W011499-02) Water Sampled: 21-Nov-00 14:21 Received: 21-Nov-00 17:00 P-01									
Purgeable Hydrocarbons	6500	1000	ug/l	20	0L04002	04-Dec-00	04-Dec-00	EPA 8015M/8020	
Benzene	19	10	"	"	"	"	"	"	
Toluene	ND	10	"	"	"	"	"	"	
Ethylbenzene	450	10	"	"	"	"	"	"	
Xylenes (total)	360	10	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	50	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		89.7 %	70-130	"	"	"	"	"	
C-2A (W011499-03) Water Sampled: 21-Nov-00 12:30 Received: 21-Nov-00 17:00									
Purgeable Hydrocarbons	ND	50	ug/l	1	0L04002	04-Dec-00	04-Dec-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	50	"	"	"	"	"	"	CC-3,R-04
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %	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:
20-Dec-00 08:22

**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-4 (W011499-04) Water Sampled: 21-Nov-00 13:04 Received: 21-Nov-00 17:00									
Purgeable Hydrocarbons	ND	50	ug/l	1	0L04002	04-Dec-00	04-Dec-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	"	"	"	"	P-01
C-5 (W011499-05) Water Sampled: 21-Nov-00 13:47 Received: 21-Nov-00 17:00									
Purgeable Hydrocarbons	130	50	ug/l	1	0L04002	04-Dec-00	04-Dec-00	EPA 8015M/8020	
Benzene	0.74	0.50	"	"	"	"	"	"	
Toluene	0.73	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	350	2.5	"	"	"	"	"	"	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.0 %		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:
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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
Batch 0L04002 - EPA 5030B [P/T]										
Blank (0L04002-BLK1) Prepared & Analyzed: 04-Dec-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	"							
<i>Surrogate: α,α,α-Trifluorotoluene</i>	32.0		"	30.0		107	70-130			
LCS (0L04002-BS1) Prepared & Analyzed: 04-Dec-00										
Benzene	19.6	0.50	ug/l	20.0		98.0	70-130			
Toluene	19.9	0.50	"	20.0		99.5	70-130			
Ethylbenzene	19.8	0.50	"	20.0		99.0	70-130			
Xylenes (total)	57.4	0.50	"	60.0		95.7	70-130			
<i>Surrogate: α,α,α-Trifluorotoluene</i>	28.7		"	30.0		95.7	70-130			
Matrix Spike (0L04002-MS1) Source: W011499-04 Prepared & Analyzed: 04-Dec-00										
Benzene	24.5	0.50	ug/l	20.0	ND	123	70-130			
Toluene	24.5	0.50	"	20.0	ND	123	70-130			
Ethylbenzene	24.5	0.50	"	20.0	ND	123	70-130			
Xylenes (total)	67.8	0.50	"	60.0	ND	113	70-130			
<i>Surrogate: α,α,α-Trifluorotoluene</i>	31.1		"	30.0		104	70-130			
Matrix Spike Dup (0L04002-MSD1) Source: W011499-04 Prepared & Analyzed: 04-Dec-00										
Benzene	24.2	0.50	ug/l	20.0	ND	121	70-130	1.23	20	
Toluene	24.4	0.50	"	20.0	ND	122	70-130	0.409	20	
Ethylbenzene	24.3	0.50	"	20.0	ND	121	70-130	0.820	20	
Xylenes (total)	66.6	0.50	"	60.0	ND	111	70-130	1.79	20	
<i>Surrogate: α,α,α-Trifluorotoluene</i>	30.4		"	30.0		101	70-130			





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Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-0338
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Notes and Definitions

- CC-3 Continuing Calibration indicates that the quantitative result for this analyte includes a greater than 15% degree of uncertainty. The value as reported is within method acceptance.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- R-04 The reporting limit for this analyte has been raised due to an increase in instrument background sensitivity.
- 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

