GETTLER-RYAN INC.

TRANSMITTAL

September 28, 2001
G-R #386346

TO: Mr. James Brownell
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670

CC: Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Chevron Service Station
#9-8341
3530 MacArthur Boulevard
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	September 24, 2001	Groundwater Monitoring and Sampling Report Third Quarter - Event of August 20, 2001

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***October 12, 2001***, at which time the final report will be distributed to the following:

cc: Mr. Don Hwang, Alameda County Health Care Services, Dept. of Environmental Health, 1153 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Chuck Headlee, RWQCB-S.F. Bay Region, 1515 Clay St., Suite 1400, Oakland. CA 94612
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670

Enclosures

trans/9-8341-TB

GETTLER-RYAN INC.

September 24, 2001
G-R Job #386346

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

RE: Third Quarter Event of August 20, 2001
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-8341
3530 MacArthur Boulevard
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.

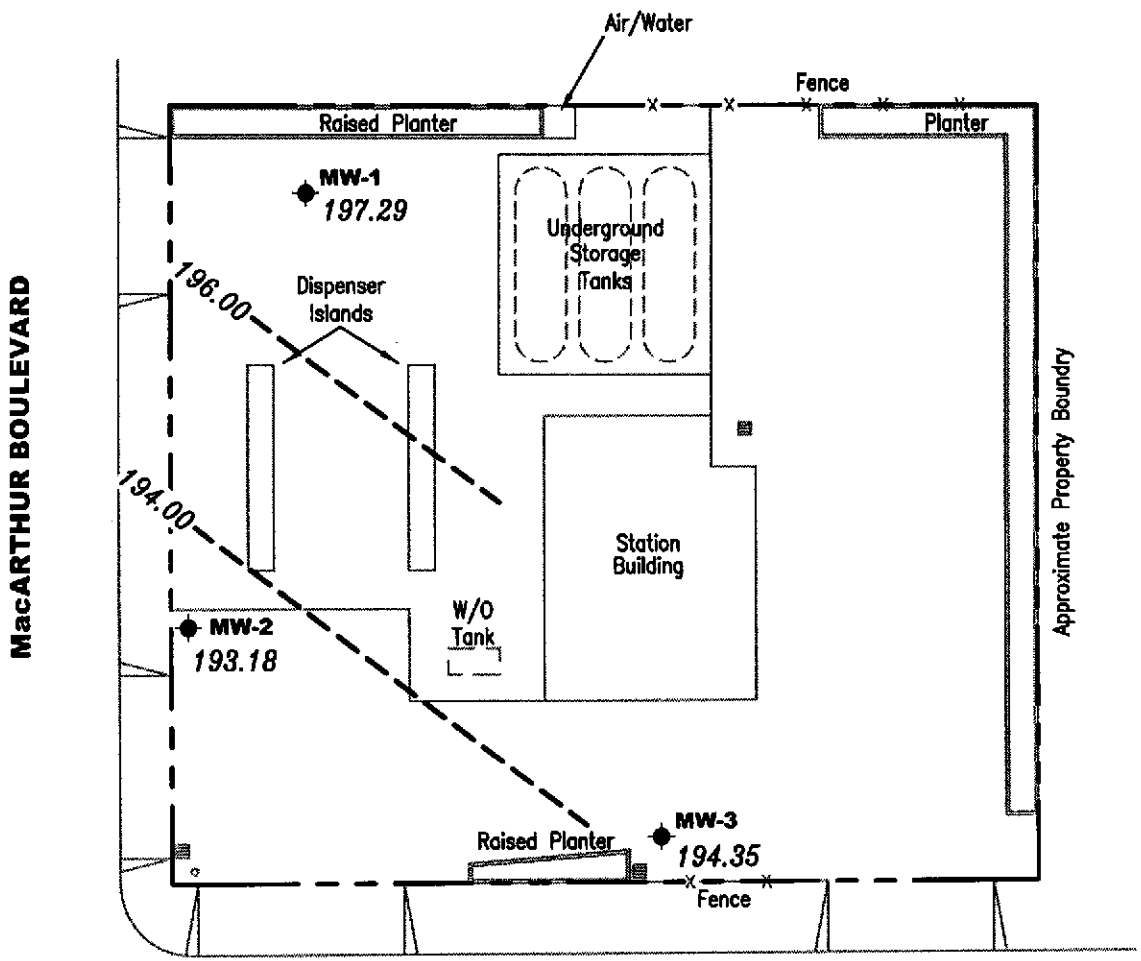
Sincerely,

Anamarie Nercan
- For -
Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/04
CIVIL
STATE OF CALIFORNIA

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
- 99.99 — Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- 99.99 — Groundwater elevation contour, dashed where inferred.

Approximate groundwater flow direction at a gradient of 0.06 Ft./Ft.

N

0 30

Scale in Feet

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

POTENTIOMETRIC MAP
Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

FIGURE
1

JOB NUMBER
386346

REVIEWED BY

DATE
August 20, 2001

REVISED DATE

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1									
04/04/96	202.47	198.65	3.82	<50	<0.5	<0.5	<0.5	<0.5	ND
11/01/96	202.47	197.45	5.02	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/06/97	202.47	199.72	2.75	<50	<0.5	<0.5	<0.5	<0.5	14
04/14/97	202.47	197.71	4.76	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/17/97	202.47	196.72	5.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	202.47	196.97	5.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/04/98	202.47	199.80	2.67	<50	4.2	<0.5	<0.5	<0.5	94
04/03/98	202.47	197.06	5.41	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/98	202.47	192.26	10.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/98	202.47	195.66	6.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/18/99	202.47	196.05	6.42	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/15/99	202.47	197.13	5.34	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/22/99	202.47	196.97	5.50	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/99	202.47	196.43	6.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/21/00	202.47	197.11	5.36	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/10/00	202.47	197.60	4.87	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/12/00	202.47	197.05	5.42	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
10/05/00	202.47	196.79	5.68	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/05/01	202.47	197.30	5.17	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/05/01	202.47	197.83	4.64	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/20/01	**202.47**	**197.29**	**5.18**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**
MW-2									
04/04/96	198.88	196.07	2.81	<50	<0.5	<0.5	<0.5	<0.5	6,100
11/01/96	198.88	195.27	3.61	<500	<5.0	<5.0	<5.0	<5.0	2,600
01/06/97	198.88	195.97	2.91	<2,000	31	<20	<20	<20	4,000
04/14/97	198.88	195.43	3.45	<2,000	<20	<20	<20	<20	5,100/5,800[1]
07/17/97	198.88	194.98	3.90	<500	<5.0	<5.0	<5.0	<5.0	2,300/2,900[1]
10/29/97	198.88	192.96	5.92	120[2]	12	<0.5	<0.5	<0.5	810/900[1]
02/04/98	198.88	195.05	3.83	<1,000	<10	<10	<10	<10	2,100/2,800[1]

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)									
04/03/98	198.88	191.55	7.33	<1,000	<10	<10	<10	<10	3,800/3,600[1]
07/29/98	198.88	189.86	9.02	120[3]	<0.5	<0.5	<0.5	<0.5	2,800/3,900[1]
10/26/98	198.88	192.77	6.11	<50	<0.5	<0.5	<0.5	<0.5	1,200
01/18/99	198.88	194.67	4.21	<1,000	<10	<10	<10	10.5	2,530
04/15/99	198.88	194.56	4.32	<50	<0.5	<0.5	<0.5	<0.5	5,270
07/22/99	198.88	193.73	5.15	<50	8.92	<0.5	<0.5	<0.5	1,450
10/13/99	198.88	192.23	6.65	<250	<2.5	<2.5	<2.5	<2.5	1,740
01/21/00	198.88	192.78	6.10	69.6	<0.5	<0.5	<0.5	<0.5	1,110
04/10/00	198.88	194.42	4.46	<500	<5.0	<5.0	<5.0	<5.0	1,700
07/12/00	198.88	195.24	3.64	<50.0	<0.500	<0.500	<0.500	<0.500	187
10/05/00	198.88	194.06	4.82	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/05/01	198.88	195.17	3.71	<50	<0.50	<0.50	<0.50	<0.50	1,800
04/05/01	198.88	192.94	5.94	<50	<0.50	<0.50	<0.50	<0.50	5,500
08/20/01	**198.88**	**193.18**	**5.70**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**2,000**
MW-3									
04/04/96	199.10	195.22	3.88	<50	<0.5	<0.5	<0.5	<0.5	ND
11/01/96	199.10	194.91	4.19	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/06/97	199.10	195.29	3.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/97	199.10	194.93	4.17	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/17/97	199.10	194.92	4.18	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	199.10	193.90	5.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/04/98	199.10	194.71	4.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/98	199.10	195.78	3.32	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/98	199.10	189.24	9.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/98	199.10	193.59	5.51	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/18/99	199.10	194.68	4.42	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/15/99	199.10	194.54	4.56	<50	<0.5	<0.5	<0.5	1.16	<5.0
07/22/99	199.10	192.45	6.65	<50	<0.5	<0.5	<0.5	<0.5	3.94
10/13/99	199.10	193.79	5.31	<50	<0.5	<0.5	<0.5	<0.5	6.55

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-8341
3530 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3 (cont)									
01/21/00	199.10	193.18	5.92	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/10/00	199.10	194.32	4.78	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/12/00	199.10	193.86	5.24	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
10/05/00	199.10	195.17	3.93	<50.0	<0.500	<0.500	<0.500	<0.500	39.7
01/05/01	199.10	194.85	4.25	<50	<0.50	<0.50	<0.50	<0.50	2.9
04/05/01	199.10	194.72	4.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/20/01	**199.10**	**194.35**	**4.75**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**
TRIP BLANK									
11/01/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/06/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/14/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/17/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/04/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/26/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/18/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/15/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/22/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/13/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/21/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/10/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/12/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
10/05/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
01/05/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/05/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/20/01	**--**	**--**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-8341

3530 MacArthur Boulevard

Oakland, California

EXPLANATIONS:

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

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean Sea Level
DTW = Depth to Water
TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

ND = Not Detected
-- = Not Measured/Not Analyzed
(ppb) = Parts per billion

[1] Confirmation run.

[2] Chromatogram report indicates an unidentified hydrocarbon and gas.

[3] Chromatogram report indicates an unidentified hydrocarbon.

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 # Chevron 9-8341 Job#: 386346

Address: 3530 MacArthur Blvd. Date: 8/20/01

City: Oakland, CA. Sampler: FRANK T.

Well ID MW- 1 Well Condition: OK

Well Diameter 2" in. Hydrocarbon Thickness: -0- (feet) Amount Bailed (product/water): -0- (Gallons)

Total Depth 26.83 ft.

Depth to Water 5.18 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

21.65 x VF .17 = 3.68 X 3 (case volume) = Estimated Purge Volume: 11.04 (gal.)

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

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

Starting Time: 1:55 Weather Conditions: CLOUDY

Sampling Time: 2:15 Water Color: CLEAR Odor: NO

Purging Flow Rate: 1.5 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)
1:58	3.5	6.98	331	68.7			
2:01	7.0	6.87	298	67.5			
2:04	11.0	6.79	279	66.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 1	3x VOAVIAL	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

COMMENTS: _____

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ Facility #: CHEVRON 9-8341
Job#: 386346
Address: 3530 MACARTHUR BLVD.
Date: 8/20/01
City: OAKLAND, CA
Sampler: FRANK T.

Well ID: MW-2
Well Condition: O'K'
Well Diameter: 2" in.
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Total Depth: 33.01 ft.
Depth to Water: 5.70 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

27.31 x VF .17 = 4.64 X 3 (case volume) = Estimated Purge Volume: 13.92 (gal.)

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

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

Starting Time: 2:58
Sampling Time: 3:18
Purging Flow Rate: 1.5 gpm.
Did well de-water? NO

Weather Conditions: CLOUDY
Water Color: CLOUDY/TAN Odor: NO
Sediment Description: SILTY
If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm X100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
3:01	4.5	7.06	273	67.2			
3:04	9.0	6.94	278	67.8			
3:07	14.0	6.87	264	61.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3 x VOA VIAL	Y	HCL	SEQUOIA	TPHG/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility #: CHEVRON 9-8341 | Job#: 386346

Address: 3530 MACARTHUR BLVD. | Date: 8/20/01

City: OAKLAND, CA | Sampler: FRANK T.

Well ID: MW-3 | Well Condition: O'K'

Well Diameter: 2" in. | Hydrocarbon Thickness: 0 in. | Amount Bailed (product/water): 0 (gal.)

Total Depth: 32.21 ft.

Depth to Water: 4.75 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66	6" = 1.50	12" = 5.80

27.46 x VF .17 = 4.66 x 3 (case volume) = Estimated Purge Volume: 14.00 (gal.)

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

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

Starting Time: 2:26 | Weather Conditions: CLOUDY

Sampling Time: 2:45 | Water Color: CLOUDY / TAN | Odor: NO

Purging Flow Rate: 1.5 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)
2:29	4.5	7.04	265	67.8			
2:32	9.0	6.83	253	68.1			
2:35	14.0	6.81	243	67.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 x VOA VIAL	Y	HCL	SEQ.	TPHG/BTEX/MTBE

COMMENTS:

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

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

Chevron Facility Number: #9-8341
Facility Address: 3530 MACARTHUR BLVD., OAKLAND, CA.
Consultant Project Number: 386346
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
Laboratory Name: SEQUOIA
Laboratory Service Order: W108428
Laboratory Service Code:
Samples Collected by (Name): FRANK TERRINONI
Signature: Frank Terri

State Method: ☑ CA ☐ OR ☐ WA ☐ NW Series ☐ CO ☐ UT IDAHO

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	BTEX/MTBE+TPH GAS + 8015 (8020	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	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/Naph. (8020)	TPH - HCID	TPH-D Extended						Remarks / Lab Sample No.
TBLB.	1	W	HCL	8/20/01	X																		01A
MW-1	3	"	1	1415	X																		02A-C
MW-2	3			1518	X																		03 "
MW-3	3	↓	↓	1445	X																		04 "

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
Frank Terri	G-R INC.	8/22/01	Mark Cole	Seq	8-23-01/1521	
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
Mark Cole	Sequoia	8-23-01/1615				
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N
					8-23-01	1615

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

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Analytical

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6 September, 2001

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

RE: Chevron
Sequoia Report: W108428

Enclosed are the results of analyses for samples received by the laboratory on 23-Aug-01 16:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-8341	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Sep-01 10:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TBLB	W108428-01	Water	20-Aug-01 00:00	23-Aug-01 16:15
MW-1	W108428-02	Water	20-Aug-01 14:15	23-Aug-01 16:15
MW-2	W108428-03	Water	20-Aug-01 15:18	23-Aug-01 16:15
MW-3	W108428-04	Water	20-Aug-01 14:45	23-Aug-01 16:15

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	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-8341	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Sep-01 10:45

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 (W108428-01) Water Sampled: 20-Aug-01 00:00 Received: 23-Aug-01 16:15									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	1H27003	27-Aug-01	28-Aug-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*102 %*	*70-130*		"	"	"	"	
MW-1 (W108428-02) Water Sampled: 20-Aug-01 14:15 Received: 23-Aug-01 16:15									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	1H27003	29-Aug-01	29-Aug-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.7 %*	*70-130*		"	"	"	"	
MW-2 (W108428-03) Water Sampled: 20-Aug-01 15:18 Received: 23-Aug-01 16:15									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	1H27003	29-Aug-01	29-Aug-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95.0 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-8341	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Sep-01 10:45

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
MW-2 (W108428-03RE1) Water Sampled: 20-Aug-01 15:18 Received: 23-Aug-01 16:15									
Methyl tert-butyl ether (MTBE)	**2000**	250	ug/l	100	1H27003	31-Aug-01	31-Aug-01	EPA 8015M/8020	
Surrogate: a,a,a-Trifluorotoluene		*98.7 %*	*70-130*		"	"	"	"	
MW-3 (W108428-04) Water Sampled: 20-Aug-01 14:45 Received: 23-Aug-01 16:15									
Purgeable Hydrocarbons (C6-C12)	ND	50	ug/l	1	1H27003	29-Aug-01	29-Aug-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether (MTBE)	ND	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96.0 %*	*70-130*		"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-8341	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Sep-01 10:45

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 1H27003 - EPA 5030B P/T										
Blank (1H27003-BLK1)				Prepared & Analyzed: 28-Aug-01						
Purgeable Hydrocarbons (C6-C12)	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 (MTBE)	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*28.6*		"	*30.0*		*95.3*	*70-130*			
Blank (1H27003-BLK2)				Prepared & Analyzed: 28-Aug-01						
Purgeable Hydrocarbons (C6-C12)	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 (MTBE)	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*30.0*		"	*30.0*		*100*	*70-130*			
Blank (1H27003-BLK3)				Prepared & Analyzed: 28-Aug-01						
Purgeable Hydrocarbons (C6-C12)	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 (MTBE)	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*29.0*		"	*30.0*		*96.7*	*70-130*			
Blank (1H27003-BLK4)				Prepared & Analyzed: 29-Aug-01						
Purgeable Hydrocarbons (C6-C12)	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 (MTBE)	ND	2.5	"							
Surrogate: a,a,a-Trifluorotoluene	*28.0*		"	*30.0*		*93.3*	*70-130*			

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-8341	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Sep-01 10:45

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 1H27003 - EPA 5030B P/T										
LCS (1H27003-BS1)				Prepared & Analyzed: 28-Aug-01						
Benzene	22.9	0.50	ug/l	20.0		114	70-130			
Toluene	19.6	0.50	"	20.0		98.0	70-130			
Ethylbenzene	19.8	0.50	"	20.0		99.0	70-130			
Xylenes (total)	61.6	0.50	"	60.0		103	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.6*		"	*30.0*		*92.0*	*70-130*			
LCS (1H27003-BS2)				Prepared & Analyzed: 28-Aug-01						
Benzene	21.5	0.50	ug/l	20.0		108	70-130			
Toluene	21.8	0.50	"	20.0		109	70-130			
Ethylbenzene	21.7	0.50	"	20.0		108	70-130			
Xylenes (total)	59.6	0.50	"	60.0		99.3	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.0*		"	*30.0*		*96.7*	*70-130*			
LCS (1H27003-BS3)				Prepared & Analyzed: 28-Aug-01						
Benzene	17.9	0.50	ug/l	20.0		89.5	70-130			
Toluene	18.8	0.50	"	20.0		94.0	70-130			
Ethylbenzene	19.6	0.50	"	20.0		98.0	70-130			
Xylenes (total)	58.7	0.50	"	60.0		97.8	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.3*		"	*30.0*		*97.7*	*70-130*			
LCS (1H27003-BS4)				Prepared & Analyzed: 29-Aug-01						
Benzene	23.6	0.50	ug/l	20.0		118	70-130			
Toluene	20.0	0.50	"	20.0		100	70-130			
Ethylbenzene	19.7	0.50	"	20.0		98.5	70-130			
Xylenes (total)	63.6	0.50	"	60.0		106	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.6*		"	*30.0*		*92.0*	*70-130*			
Matrix Spike (1H27003-MS1)	**Source: W108428-02**			Prepared: 28-Aug-01 Analyzed: 30-Aug-01						
Benzene	22.4	0.50	ug/l	20.0	ND	112	70-130			
Toluene	18.9	0.50	"	20.0	ND	94.5	70-130			
Ethylbenzene	18.6	0.50	"	20.0	ND	93.0	70-130			
Xylenes (total)	59.1	0.50	"	60.0	ND	98.5	70-130			
Surrogate: a,a,a-Trifluorotoluene	*27.7*		"	*30.0*		*92.3*	*70-130*			

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6747 Sierra Court Suite J	Project Number: Chevron # 9-8341	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Sep-01 10:45

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 1H27003 - EPA 5030B P/T										
Matrix Spike Dup (1H27003-MSD1)		**Source: W108428-02**		Prepared: 28-Aug-01 Analyzed: 30-Aug-01						
Benzene	18.5	0.50	ug/l	20.0	ND	92.5	70-130	19.1	20	
Toluene	18.5	0.50	"	20.0	ND	92.5	70-130	2.14	20	
Ethylbenzene	18.6	0.50	"	20.0	ND	93.0	70-130	0.00	20	
Xylenes (total)	56.4	0.50	"	60.0	ND	94.0	70-130	4.68	20	
Surrogate: a,a,a-Trifluorotoluene	*27.9*		"	*30.0*		*93.0*	*70-130*			

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OCT 17 2001

Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-8341	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Sep-01 10:45

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT D[illegible] eporting limit
NR	Not Reported
dry	Sample results r[illegible]
RPD	Relative Percent L[illegible]