GETTLER-RYAN INC.

AUG 14 2001

TRANSMITTAL

R04664

541

July 26, 2001
G-R #385145

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
#9-1851
451 Hegenberger Road
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	July 17, 2001	Groundwater Monitoring and Sampling Report Second Quarter - Event of June 19, 2001

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***August 9, 2001***, at which time the final report will be distributed to the following:

cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
Mr. Ben Shimek, 451 Hegenberger Road, Oakland, CA 94621

Enclosures

trans/9-1851-TB

GETTLER-RYAN INC.

July 17, 2001
G-R Job #385145

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

RE: Second Quarter Event of June 19, 2001
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-1851
451 Hegenberger Road
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.

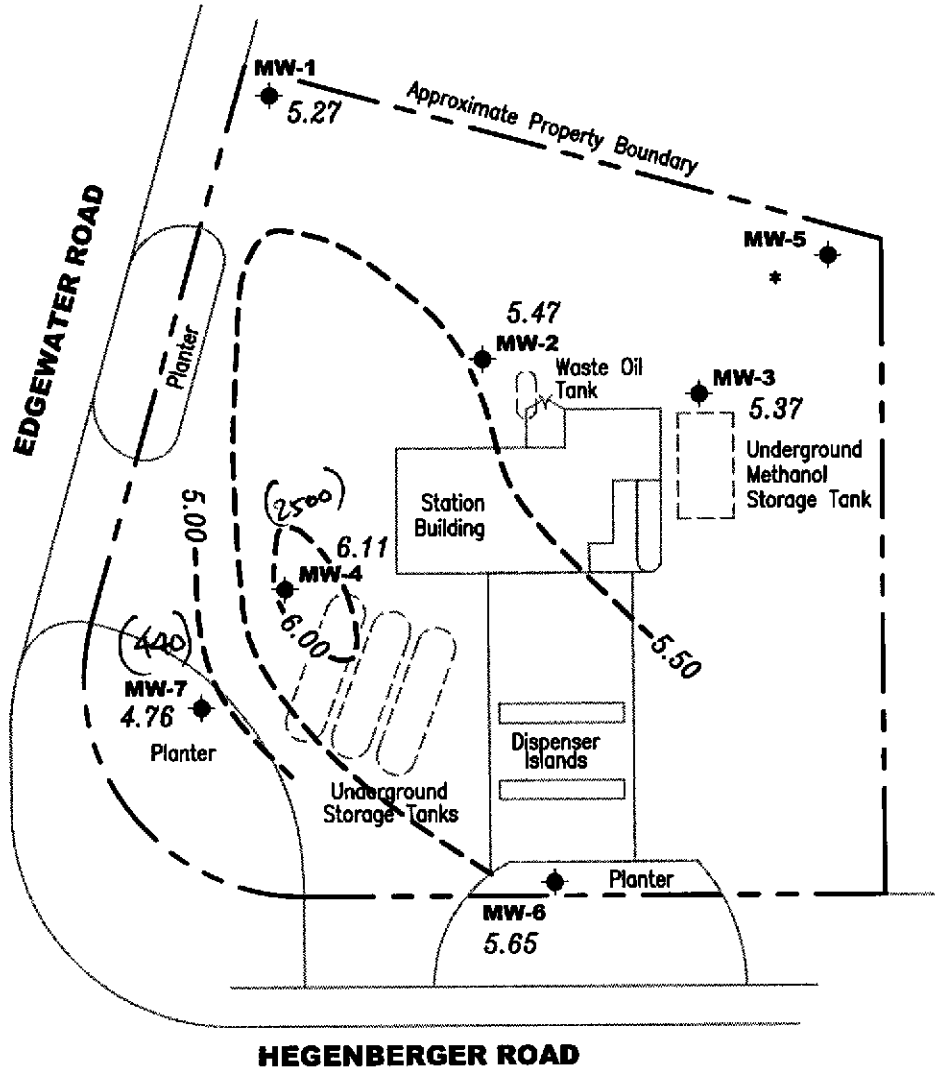
Sincerely,

Deanna L. Harding
Project Coordinator

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
Table 2: Groundwater Analytical Results - Oxygenate Compounds
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.
- * Inaccessible

Groundwater flow direction varies at a gradient of 0.01 to 0.05 Ft./Ft.

(MTBE) ppb

N

0 40

Scale in Feet

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 #9-1851
451 Hegenberger Road
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
385145		June 19, 2001	

FILE NAME: P:\ENVIRO\CHEVRON\9-1851\Q01-9-1851.DWG | Layout Tab: Pot2

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1851

451 Hegenberger Road

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	(EPA 8240) (ppb)	(EPA 8240) (ppb)	DCE (ppb)	Disulfide (ppb)	Chloride (ppb)
MW-1																
10/17/95	2.61	-1.51	4.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
03/29/96	2.61	-0.72	3.33	--	<50	<0.5	<0.5	<0.5	<0.5	9.5	--	--	--	--	--	--
06/26/96	2.61	-1.23	3.84	--	<50	<0.5	<0.5	<0.5	<0.5	46	--	--	--	--	--	--
09/25/96	2.61	-1.41	4.02	--	<250	<2.5	<2.5	<2.5	<2.5	940	--	--	--	--	--	--
12/17/96	2.61	-0.96	3.57	--	<50	0.9	<0.5	<0.5	<0.5	260	--	--	--	--	--	--
03/20/97	2.61	-1.54	4.15	--	<50	<2.0	<2.0	<2.0	<2.0	76	--	--	--	--	--	--
06/20/97	2.61	-1.72	4.33	--	<50	<0.5	<0.5	<0.5	<0.5	64	--	--	--	--	--	--
09/09/97	2.61	-1.74	4.35	--	<50	<0.5	<0.5	<0.5	<0.5	110	--	--	--	--	--	--
12/12/97	2.61	-0.39	3.00	--	<50	<0.5	<0.5	<0.5	<0.5	27	--	--	--	--	--	--
02/19/98	2.61	0.78	1.83	--	<50	<0.5	<0.5	<0.5	<0.5	14	--	--	--	--	--	--
06/23/98	2.61	-0.73	3.34	--	210	<0.5	<0.5	<0.5	<0.5	3,400	--	--	--	--	--	--
08/31/98	2.61	-0.88	3.49	--	1,400	630	<5.0	<5.0	<5.0	16,000	--	--	--	--	--	--
12/29/98	2.61	-1.22	3.83	--	<500	<5.0	<5.0	<5.0	<5.0	1,090	--	--	--	--	--	--
03/11/99	2.61	-0.43	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	33.9	--	--	--	--	--	--
06/24/99	2.61	-0.77	3.38	--	<500	65.7	<5.0	<5.0	<5.0	1,160	--	--	--	--	--	--
09/29/99	2.61	-1.01	3.62	--	81.7	<0.5	<0.5	<0.5	<0.5	1,130	--	--	--	--	--	--
12/08/99	2.61	-1.46	4.07	--	<50	<0.5	<0.5	<0.5	<0.5	233	--	--	--	--	--	--
03/01/00	2.61	0.66	1.95	--	100	<0.5	<0.5	<0.5	<0.5	37.9	--	--	--	--	--	--
06/19/00	2.61	-0.80	3.41	--	<50	3.8	<0.50	<0.50	<0.50	88/91[2]	--	--	--	--	--	--
09/30/00	2.61	-1.23	3.84	--	<130	<1.3	<1.3	<1.3	<1.3	460/530[2]	--	--	--	--	--	--
10/05/00	2.61	-1.32	3.93	--	--	--	--	--	--	--	--	--	--	--	--	--
12/08/00	8.61	4.41	4.20	--	<50.0	<0.500	<0.500	<0.500	<0.500	58.7	--	--	--	--	--	--
03/03/01[11]	8.61	6.30	2.31	--	<50	<0.50	<0.50	<0.50	<0.50	8.9	--	--	--	--	--	--
06/19/01	**8.61**	**5.27**	**3.34**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**51**	**--**	**--**	**--**	**--**	**--**	**--**
MW-2																
10/17/95[3]	3.51	-1.82	5.33	1,600[4]	170	3.5	<0.5	1.0	6.1	--	<5,000	--	--	11	--	--
03/29/96	3.51	-0.44	3.95	3,000[4]	89	4.7	<0.5	0.64	0.74	21	--	11	2.5	17	--	5.4
06/26/96	3.51	-1.09	4.60	2,000[4]	80	8.7	<0.5	1.2	1.3	31	--	11	<2.0	15	--	12
09/25/96	3.51	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	(EPA 8240) (ppb)	(EPA 8240) (ppb)	DCE (ppb)	Disulfide (ppb)	Chloride (ppb)
MW-2 (cont)																
12/17/96	3.51	-0.41	3.92	2,400[4]	110	<0.5	<0.5	0.75	2.1	27	--	10	<2.0	2.3	--	5.5
03/20/97	3.51	-1.32	4.83	3,400[4]	140	8.2	<2.0	<2.0	<2.0	58	--	--	--	<2.0	--	3.2
06/20/97	3.51	-1.53	5.04	1,600[4]	62	7.7	<0.5	<0.5	<0.5	38	--	7.2	<2.0	4.6	2.2	5.2
09/09/97	3.51	-1.47	4.98	82[4]	190	9.4	<0.5	<0.5	0.86	48	--	11	<2.0	<2.0	<2.0	<2.0
12/12/97	3.51	-0.40	3.91	8,500[4]	180	1.8	<0.5	<0.5	3.2	34	--	<2.0	<2.0	<2.0	<2.0	<2.0
02/19/98	3.51	0.55	2.96	3,800[4]	<100	1.8	<1.0	<1.0	<1.0	230	--	<3.3	<3.3	<3.3	<3.3	<3.3
06/23/98	3.51	-0.54	4.05	--	60	<0.5	<0.5	<0.5	<0.5	55	--	--	--	--	--	--
08/31/98	3.51	-0.80	4.31	--	61	2.2	<0.5	<0.5	1.1	53	--	--	--	--	--	--
12/29/98	3.51	-1.12	4.63	--	54	1.3	<0.5	<0.5	0.752	38.1	--	--	--	--	--	--
03/11/99	3.51	-0.01	3.52	--	648	2.9	<2.0	<2.0	<2.0	73.2	--	--	--	--	--	--
06/24/99	3.51	-0.49	4.00	--	264	.58	<0.5	1.01	<0.5	44.1	--	--	--	--	--	--
09/29/99	3.51	-0.93	4.44	--	54.3	.66	<0.5	<0.5	<0.5	35.7	--	--	--	--	--	--
12/08/99	3.51	-1.38	4.89	--	<50	1.27	<0.5	<0.5	<0.5	56.9	--	--	--	--	--	--
03/01/00	3.51	0.48	3.03	--	68	1.57	<0.5	<0.5	<0.5	110	--	--	--	--	--	--
06/19/00	3.51	-0.66	4.17	--	58[1]	1.5	<0.50	<0.50	<0.50	90/59[2]	--	--	--	--	--	--
09/30/00	3.51	-1.15	4.66	--	<50	<0.50	0.82	<0.50	1.1	48/50[2]	--	--	--	--	--	--
10/05/00[8,9]	3.51	-1.20	4.71	4,000[7]	--	--	--	--	--	--	--	--	--	--	--	--
12/08/00	9.52	4.55	4.97	--	<50.0	<0.500	<0.500	<0.500	<0.500	61.8	--	--	--	--	--	--
03/03/01[11]	9.52	6.25	3.27	--	310[12]	0.60	<0.50	<0.50	1.3	97	--	--	--	--	--	--
06/19/01	**9.52**	**5.47**	**4.05**	--	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**30**	--	--	--	--	--	--
MW-3																
10/17/95[5]	3.08	-1.34	4.42	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
03/29/96	3.08	0.08	3.00	--	<50	<0.5	<0.5	<0.5	<0.5	26	--	--	--	--	--	--
06/26/96	3.08	-0.52	3.60	--	<50	<0.5	<0.5	<0.5	<0.5	47	--	--	--	--	--	--
09/25/96	3.08	-1.06	4.14	--	<125	<1.2	<1.2	<1.2	<1.2	570	--	--	--	--	--	--
12/17/96	3.08	-0.12	3.20	--	<500	<5.0	<5.0	<5.0	<5.0	680	--	--	--	--	--	--
03/20/97	3.08	-0.22	3.30	--	<50	<5.7	<5.7	<5.7	<5.7	430	--	--	--	--	--	--
06/20/97	3.08	-0.78	3.86	--	<500	<5.0	<5.0	<5.0	<5.0	1,400	--	--	--	--	--	--
09/09/97	3.08	-1.11	4.19	--	76[4]	22	<0.5	<0.5	<0.5	920	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1851

451 Hegenberger Road

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	(EPA 8240) (ppb)	(EPA 8240) (ppb)	DCE (ppb)	Disulfide (ppb)	Chloride (ppb)
MW-3 (cont)																
12/12/97	3.08	0.12	2.96	--	52	15	<0.5	<0.5	<0.5	710	--	--	--	--	--	--
02/19/98	3.08	0.86	2.22	--	<50	6.6	<0.5	<0.5	<0.5	380	--	--	--	--	--	--
06/23/98	3.08	-0.17	3.25	--	<50	<0.5	<0.5	<0.5	<0.5	390	--	--	--	--	--	--
08/31/98	3.08	-0.78	3.86	--	<50	19	<0.5	<0.5	<0.5	830	--	--	--	--	--	--
12/29/98	3.08	-0.45	3.53	--	<250	<2.5	<2.5	<2.5	<2.5	416	--	--	--	--	--	--
03/11/99	3.08	-0.27	3.35	--	<50	<0.5	<0.5	<0.5	<0.5	262	--	--	--	--	--	--
06/24/99	3.08	-0.53	3.61	--	<50	12.8	<0.5	<0.5	<0.5	620	--	--	--	--	--	--
09/29/99	3.08	-0.87	3.95	--	<50	<0.5	<0.5	<0.5	<0.5	2,840	--	--	--	--	--	--
12/08/99	3.08	-0.46	3.54	--	73.4	<0.5	<0.5	<0.5	<0.5	1,620	--	--	--	--	--	--
03/01/00	3.08	0.65	2.43	--	<200	<2.0	<2.0	<2.0	<2.0	1,880	--	--	--	--	--	--
06/19/00	3.08	-0.30	3.38	--	<250	20	<2.5	<2.5	<2.5	1,200/920[2]	--	--	--	--	--	--
09/30/00	3.08	-0.92	4.00	--	<250	<2.5	<2.5	<2.5	<2.5	730/2,100[2]	--	--	--	--	--	--
10/05/00	3.08	-0.94	4.02	--	--	--	--	--	--	--	--	--	--	--	--	--
12/08/00	9.08	5.38	3.70	--	<50.0	<0.500	<0.500	<0.500	<0.500	1,620	--	--	--	--	--	--
03/03/01[11]	9.08	6.84	2.24	--	<50	<0.50	<0.50	<0.50	<0.50	1,000	--	--	--	--	--	--
06/19/01	**9.08**	**5.37**	**3.71**	**--**	**<120**	**4.8**	**<1.2**	**<1.2**	**<1.2**	**510**	**--**	**--**	**--**	**--**	**--**	**--**
MW-4																
10/17/95	3.48	-1.60	5.08	--	<125	<1.2	<1.2	<1.2	<1.2	--	--	--	--	--	--	--
03/29/96	3.48	-1.13	4.61	--	<1,000	<10	<10	<10	<10	6,700	--	--	--	--	--	--
06/26/96	3.48	-0.82	4.30	--	<2,000	<20	<20	<20	<20	7,200	--	--	--	--	--	--
09/25/96	3.48	-1.85	5.33	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
12/17/96	3.48	0.67	2.81	--	<2,000	120	<20	<20	<20	11,000	--	--	--	--	--	--
03/20/97	3.48	-1.02	4.50	--	250[4]	<2.0	<2.0	<2.0	<2.0	10,000/8,600[6]	--	--	--	--	--	--
06/20/97	3.48	-2.20	5.68	--	<2,500	<25	<25	<25	<25	9,300	--	--	--	--	--	--
09/09/97	3.48	-2.02	5.50	--	460[4]	<0.5	<0.5	<0.5	<0.5	6,600	--	--	--	--	--	--
12/12/97	3.48	-1.55	5.03	--	430[4]	120	<2.5	<2.5	<2.5	7,800	--	--	--	--	--	--
02/19/98	3.48	0.13	3.35	--	510[4]	130	<0.5	<0.5	<0.5	6,600	--	--	--	--	--	--
06/23/98	3.48	-1.50	4.98	--	550[4]	<0.5	<0.5	<0.5	<0.5	6,800	--	--	--	--	--	--
08/31/98	3.48	-1.94	5.42	--	<500	450	<5.0	<5.0	<5.0	14,000	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1851

451 Hegenberger Road

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	(EPA 8240) (ppb)	(EPA 8240) (ppb)	DCE (ppb)	Disulfide (ppb)	Chloride (ppb)
MW-4 (cont)																
12/29/98	3.48	-1.58	5.06	--	<5,000	<50	<50	<50	<50	16,100	--	--	--	--	--	--
03/11/99	3.48	-0.30	3.78	--	979	<5.0	<5.0	<5.0	<5.0	15,100	--	--	--	--	--	--
06/24/99	3.48	-0.83	4.31	--	<2,500	715	<25	<25	<25	12,400	--	--	--	--	--	--
09/29/99	3.48	-2.10	5.58	--	1,380	<5.0	<5.0	<5.0	<5.0	11,700	--	--	--	--	--	--
12/08/99	3.48	-1.85	5.33	--	318	<0.5	<0.5	<0.5	<0.5	11,100	--	--	--	--	--	--
03/01/00	3.48	-1.72	5.20	--	<50	<0.5	<0.5	<0.5	<0.5	9,940	--	--	--	--	--	--
06/19/00	3.48	-1.88	5.36	--	<1,000	220	<10	<10	<10	7,300/9,500[2]	--	--	--	--	--	--
09/30/00	3.48	-0.29	3.77	--	740[1]	<2.5	<2.5	<2.5	<2.5	6,000/7,800[2]	--	--	--	--	--	--
10/05/00	3.48	-0.38	3.86	--	--	--	--	--	--	--	--	--	--	--	--	--
12/08/00	9.48	5.03	4.45	--	<50.0	<0.500	<0.500	<0.500	<0.500	6,230	--	--	--	--	--	--
03/03/01[11]	9.48	5.65	3.83	--	<250	<2.5	<2.5	<2.5	<2.5	3,600	--	--	--	--	--	--
06/19/01	**9.48**	**6.11**	**3.37**	**--**	**<500**	**140**	**<5.0**	**<5.0**	**<5.0**	**2,500**	**--**	**--**	**--**	**--**	**--**	**--**
MW-5																
10/23/00[10]	8.77	4.18	4.59	--	<50	<0.500	<0.500	<0.500	<0.500	4.34	--	--	--	--	--	--
12/08/00	8.77	5.34	3.43	--	<50.0	<0.500	<0.500	<0.500	<0.500	11.0	--	--	--	--	--	--
03/03/01[11]	8.77	6.37	2.40	--	<50	<0.50	<0.50	<0.50	<0.50	24	--	--	--	--	--	--
06/19/01	**8.77**	**INACCESSIBLE - CAR PARKED OVER WELL**						**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
MW-6																
10/23/00[10]	11.45	4.30	7.15	--	<50	<0.500	<0.500	<0.500	<0.500	5.96	--	--	--	--	--	--
12/08/00	11.45	4.61	6.84	--	<50.0	<0.500	<0.500	<0.500	<0.500	8.80	--	--	--	--	--	--
03/03/01[11]	11.45	5.32	6.13	--	<50	<0.50	<0.50	<0.50	<0.50	9.0	--	--	--	--	--	--
06/19/01	**11.45**	**5.65**	**5.80**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**	**--**	**--**	**--**	**--**	**--**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1851

451 Hegenberger Road

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	(EPA 8240) (ppb)	(EPA 8240) (ppb)	DCE (ppb)	Disulfide (ppb)	Chloride (ppb)
MW-7																
10/23/00[10]	10.58	4.33	6.25	--	<50	<0.500	<0.500	<0.500	<0.500	1,210	--	--	--	--	--	--
12/08/00	10.58	3.35	7.23	--	<50.0	<0.500	<0.500	<0.500	<0.500	338	--	--	--	--	--	--
03/03/01[11]	10.58	4.31	6.27	--	72[12]	<0.50	<0.50	<0.50	<0.50	460	--	--	--	--	--	--
06/19/01	**10.58**	**4.76**	**5.82**	**--**	**110[1]**	**18**	**<0.50**	**<0.50**	**<0.50**	**440**	**--**	**--**	**--**	**--**	**--**	**--**
TRIP BLANK																
10/17/95																
03/29/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--
06/26/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
09/25/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
12/17/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
03/20/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
06/20/97	--	--	--	--	<50	<2.0	<2.0	<2.0	<2.0	--	--	--	--	--	--	--
09/09/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
12/12/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
02/19/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
06/23/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
08/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
12/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--
03/11/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--
06/24/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--
09/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
12/08/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--
03/01/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--
06/19/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--
09/30/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--
10/05/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1851

451 Hegenberger Road

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	(EPA 8240) (ppb)	(EPA 8240) (ppb)	DCE (ppb)	Disulfide (ppb)	Chloride (ppb)
TRIP BLANK (cont)																
12/08/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--	--	--
03/03/01[11]	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--
06/19/01	**--**	**--**	**--**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**	**--**	**--**	**--**	**--**	**--**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 19, 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-D = Total Petroleum Hydrocarbons as Diesel
TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether
TOG = Total Oil and Grease
c-1,2-DCE = cis-1,2-Dichloroethene

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

* TOC elevations were surveyed on November 15, 2000, by Virgil Chavez Land Surveying. The benchmark for the survey was the letter "O" in Oakland on an inlet in the westerly curb of Oakport Road, 150' southerly of the end of curve. (Benchmark Elevation = 7.82 feet, msl).

1 Laboratory report indicates gasoline C6-C12.
2 MTBE by EPA Method 8260.
3 Results of EPA 8010 test indicates that the detection of 1,1-Dichloroethane (1,1-DCA) was detected at 1.7 ppb.
4 Chromatogram pattern indicates an unidentified hydrocarbon.
5 Results of EPA 8015 test indicates that levels of Methanol and Methyl ethyl ketone are respectively <1000 and <200 ppb.
6 Confirmation run.
7 Laboratory report indicates unidentified hydrocarbons >C16.
8 Sample analyzed for Total Metals by EPA 200 Series Methods. All Analytes were less then the reporting limit except for Nickel was detected at 0.067 ppm and Zinc was detected at 0.024ppm.
9 Laboratory report indicates that Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270 were all less then the reporting limit except for Bis(2-ethylhexyl)phthalate was detected at 14 ppb, which may be a possible contamination.
10 Data was provided by Delta Environmental Consultants, Inc.
11 Laboratory report indicates sample was analyzed outside the EPA recommended holding time.
12 Laboratory report indicates unidentified hydrocarbons C6-C12.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-1						
06/23/98	<50,000	<10,000	4,500	<200	<200	<200
08/31/98	--	--	17,000	--	--	--
03/11/99	--	--	54.1	--	--	--
06/24/99	<10,000	<2,000	1,800	<20	<20	258
06/19/00	<500	<100	91	<2.0	<2.0	11
09/30/00	--	--	530	--	--	--
MW-2						
06/23/98	<500	<100	56	<2.0	<2.0	<2.0
03/11/99	--	--	101	--	--	--
06/24/99	<1,000	<200	52.5	<2.0	<2.0	<2.0
06/19/00	<500	<100	59	<2.0	<2.0	4.0
09/30/00	--	--	50	--	--	--
MW-3						
06/23/98	<5,000	<1,000	420	<20	<20	26
03/11/99	--	--	580	--	--	--
06/24/99	<6,670	<1,330	900	<13.3	<13.3	<13.3
06/19/00	570	<100	920	<2.0	<2.0	65
09/30/00	--	--	2,100	--	--	--
MW-4						
06/23/98	<50,000	<10,000	11,000	<200	<200	860
03/11/99	--	--	17,600	--	--	--
06/24/99	<125,000	<25,000	17,000	<250	<250	2600
06/19/00	<25,000	<5,000	9,500	<100	<100	1,100
09/30/00	--	--	7,800	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-1851

451 Hegenberger Road

Oakland, California

WELL ID/ DATE	ETHANOL *(ppb)*	TBA *(ppb)*	MTBE *(ppb)*	DIPE *(ppb)*	ETBE *(ppb)*	TAME *(ppb)*
MW-5						
10/23/00	<1,000	<100	4.34	<2.00	<2.00	<2.00
MW-6						
10/23/00	<1,000	<100	5.96	<2.00	<2.00	<2.00
MW-7						
10/23/00	<6,670	<667	1,210	13.3	13.3	199
TRIP BLANK						
03/11/99	--	--	<2.0	--	--	--

EXPLANATIONS:

Groundwater laboratory analytical results prior to June 19, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

(ppb) = Parts per billion

-- = Not Analyzed

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 #9-1851 Job#: 385145

Address: 451 HEGENBURGER Rd. Date: 6-19-01

City: OAKLAND Sampler: FB

Well ID MW-1 Well Condition: OK

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

Total Depth 14.41 ft.

Depth to Water 3.34 ft.

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

11.07 x VF .17 = 1.88 X 3 (case volume) = Estimated Purge Volume: 6 (gal.)

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

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

Starting Time: 9:42 Weather Conditions: SUNNY

Sampling Time: 10:05 Water Color: CLEAR 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	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
9:47	2	7.36	1064	64.2			
9:52	4	7.28	1002	64.4			
9:57	6	7.20	978	64.5			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3 x VOA VIAL	Y	HCl	Seq	TPHG/BTEX/MTBE

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron #9-1851 Job#: 385145

Address: 451 HEGENBURGER RD. Date: 6-19-01

City: OAKLAND Sampler: FB

Well ID MW-2 Well Condition: OK

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

Total Depth 14.71 ft.

Depth to Water 4.05 ft.

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

10.66 x VF 1.7 = 1.81 x 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

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

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

Starting Time: 12:50 Weather Conditions: Sunny

Sampling Time: 13:10 Water Color: clear Odor: YES

Purging Flow Rate: gpm. Sediment Description:

Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:54	2	6.86	1548	64.8			
12:58	4	6.80	1567	65.4			
13:02	5.5	6.78	1590	65.7			

LABORATORY INFORMATION

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

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron #9-1851 Job#: 385145

Address: 451 HEGENBURGER Rd. Date: 6-19-01

City: OAKLAND Sampler: FB

Well ID MW-3 Well Condition: OK

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

Total Depth 14.50 ft.

Depth to Water 3.71 ft.

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

10.79 x VF 17 1.83 X 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

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

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

Starting Time: 10:21

Sampling Time: 10:42

Purging Flow Rate: — gpm.

Did well de-water? NO

Weather Conditions: Sunny

Water Color: clear / Odor: NO

Sediment Description:

If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
10:26	2	6.91	1474	62.8			
10:31	4	6.80	1419	63.0			
10:35	5.5	6.79	1360	63.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	4 VOA VIAL	Y	HCl	Seq.	TPHG/BTEX/MTBE

COMMENTS:

8/97-fieldat.frm

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron #9-1851 Job#: 385145

Address: 451 HEGENBURGER RD. Date: 6-19-01

City: OAKLAND Sampler: FB

Well ID MW-4 Well Condition: OK

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

Total Depth 14.87 ft.

Depth to Water 3.37 ft.

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

11.5 x VF 17 = 195 X 3 (case volume) = Estimated Purge Volume: 6 (gal.)

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

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

Starting Time: 12:08 Weather Conditions: SUNNY

Sampling Time: 12:29 Water Color: CLEAR Odor: SLIGHT

Purging Flow Rate: — gpm. Sediment Description:

Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
12:12	2	6.84	1306	63.9			
12:16	4	6.80	1321	64.4			
12:20	6	6.81	1360	64.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 x VOA VIAL	Y	HCL	SEQ	TPHG/BTEX/MTBE

COMMENTS: NEW 1" PLUG & LOCK

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron #9-1851 Job#: 385145

Address: 451 HEGENBERGER RD. Date: 6-19-01

City: OAKLAND Sampler: FB

Well ID MW-5 Well Condition: UNABLE TO ACCESS

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

Total Depth ____ ft.

Depth to Water ____ ft.

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

____ X VF ____ = ____ X 3 (case volume) = Estimated Purge Volume: ____ (gal.)

Purge Equipment: Disposable Bailer / Bailer / Stack / Suction / Grundfos / Other: ____

Sampling Equipment: Disposable Bailer / Bailer / Pressure Bailer / Grab Sample / Other: ____

Starting Time: ____ Weather Conditions: ____

Sampling Time: ____ Water Color: ____ Odor: ____

Purging Flow Rate: ____ gpm. Sediment Description: ____

Did well de-water? ____ If yes; Time: ____ Volume: ____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	X VOA VIAL	Y	HCl		TPHG/BTEX/MTBE

COMMENTS: Employee of station parked vehicle over well. Will not Return until Tomorrow. No Keys UNABLE TO ACCESS.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron #9-1851 Job#: 385145

Address: 451 HEGENBERGER Rd. Date: 6-19-01

City: OAKLAND Sampler: FB

Well ID MW-6 Well Condition: OK

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

Total Depth 9.80 ft.

Depth to Water 5.80 ft.

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

4.00 X VF .17 = .68 X 3 (case volume) = Estimated Purge Volume: 2 (gal.)

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

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

Starting Time: 11:02 Weather Conditions: Sunny

Sampling Time: 11:17 Water Color: clear 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	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:05	1.75	7.60	324	63.0			
11:08	1.50	7.58	318	63.1			
11:10	2.0	7.58	310	63.3			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x VOA VIAL	Y	HCL	SEQ	TPHG/BTEX/MTBE

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Facility # Chevron #9-1851 Job#: 385145

Address: 451 HEGENBERGER RD. Date: 6-19-01

City: OAKLAND Sampler: FB

Well ID MW-7 Well Condition: OK

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

Total Depth 13.07 ft.

Depth to Water 5.82 ft.

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

7.25 X VF .17 = 1.23 X 3 (case volume) = Estimated Purge Volume: 4 (gal.)

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

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

Starting Time: 11:30 Weather Conditions: Sunny

Sampling Time: 11:50 Water Color: clear 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	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:34	1.5	7.02	741	61.8			
11:38	3.0	6.94	724	62.4			
11:41	4.0	6.90	700	62.5			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	3 x VOA VIAL	Y	HCL	Seq	TPHG/BTEX/MTBE

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 #9-1851
Facility Address 451 HEGENBERGER RD., OAKLAND, CA.
Consultant Project Number 385145
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 W106396
Laboratory Service Code
Samples Collected by (Name) FRANK H. BOHNET
Signature Frank H Bohnet

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 (8020 + 8015)	BTEX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (6) (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (NCAP or AA) Cd,Cr,Pb,Zn,Ni	BTEX (8020)	BTEX/MTBE/Naph. (8020)	TPH - HOID	TPH-D Extended						Remarks / Lab Sample No.
TB-LB	1	W	HCL	6-19-01	X																		01A
MW-1	3			10:05	X																		02A-C
MW-2	3			13:10	X																		03A-C
MW-3	3			10:42	X																		04A-C
MW-4	3			12:29	X																		05A-C
MW-6	3			11:17	X																		06A-C
MW-7	3			11:50	X																		07A-C

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
Frank Bohnet	G-R INC.	6-19-01 16:55	Mark Cole	Sequoia	6-20-01 1445	(Y)
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N
Mark Cole	Sequoia	6-20-01 1610	Mike Gonsin	Sequoia	6/20/01	1610
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

Sequoia
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6 July, 2001

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

RE: Chevron
Sequoia Report: W106396

Enclosed are the results of analyses for samples received by the laboratory on 20-Jun-01 16:10. 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 # 9-1851	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Jul-01 07:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W106396-01	Water	19-Jun-01 00:00	20-Jun-01 16:10
MW-1	W106396-02	Water	19-Jun-01 10:05	20-Jun-01 16:10
MW-2	W106396-03	Water	19-Jun-01 13:10	20-Jun-01 16:10
MW-3	W106396-04	Water	19-Jun-01 10:42	20-Jun-01 16:10
MW-4	W106396-05	Water	19-Jun-01 12:29	20-Jun-01 16:10
MW-6	W106396-06	Water	19-Jun-01 11:17	20-Jun-01 16:10
MW-7	W106396-07	Water	19-Jun-01 11:50	20-Jun-01 16:10

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 # 9-1851	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Jul-01 07:36

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
TB-LB (W106396-01) Water Sampled: 19-Jun-01 00:00 Received: 20-Jun-01 16:10									
Purgeable Hydrocarbons	ND	50	ug/l	1	1F21002	21-Jun-01	21-Jun-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	CC-3
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*98.7 %*		*70-130*	"	"	"	"	
MW-1 (W106396-02) Water Sampled: 19-Jun-01 10:05 Received: 20-Jun-01 16:10									
Purgeable Hydrocarbons	ND	50	ug/l	1	1F21002	22-Jun-01	22-Jun-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	**51**	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*106 %*		*70-130*	"	"	"	"	
MW-2 (W106396-03) Water Sampled: 19-Jun-01 13:10 Received: 20-Jun-01 16:10									
Purgeable Hydrocarbons	ND	50	ug/l	1	1F21002	22-Jun-01	22-Jun-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	**30**	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*101 %*		*70-130*	"	"	"	"	

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Gettler Ryan, Inc. - Dublin	Project: Chevron	
6747 Sierra Court Suite J	Project Number: Chevron # 9-1851	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Jul-01 07:36

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-3 (W106396-04) Water Sampled: 19-Jun-01 10:42 Received: 20-Jun-01 16:10									
Purgeable Hydrocarbons	ND	120	ug/l	2.5	1F21002	22-Jun-01	22-Jun-01	EPA 8015M/8020	
Benzene	**4.8**	1.2	"	"	"	"	"	"	
Toluene	ND	1.2	"	"	"	"	"	"	
Ethylbenzene	ND	1.2	"	"	"	"	"	"	
Xylenes (total)	ND	1.2	"	"	"	"	"	"	
Methyl tert-butyl ether	**510**	6.2	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*102 %*		*70-130*		"	"	"	
MW-4 (W106396-05) Water Sampled: 19-Jun-01 12:29 Received: 20-Jun-01 16:10									
Purgeable Hydrocarbons	ND	500	ug/l	10	1F21002	22-Jun-01	22-Jun-01	EPA 8015M/8020	
Benzene	**140**	5.0	"	"	"	"	"	"	CF-01
Toluene	ND	5.0	"	"	"	"	"	"	
Ethylbenzene	ND	5.0	"	"	"	"	"	"	
Xylenes (total)	ND	5.0	"	"	"	"	"	"	
Methyl tert-butyl ether	**2500**	25	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*104 %*		*70-130*		"	"	"	
MW-6 (W106396-06) Water Sampled: 19-Jun-01 11:17 Received: 20-Jun-01 16:10									
Purgeable Hydrocarbons	ND	50	ug/l	1	1F21002	22-Jun-01	22-Jun-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	ND	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		*97.3 %*		*70-130*		"	"	"	

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6747 Sierra Court Suite J	Project Number: Chevron # 9-1851	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Jul-01 07:36

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-7 (W106396-07) Water Sampled: 19-Jun-01 11:50 Received: 20-Jun-01 16:10									
Purgeable Hydrocarbons	**110**	50	ug/l	1	1F21002	21-Jun-01	21-Jun-01	EPA 8015M/8020	P-01
Benzene	**18**	0.50	"	"	"	"	"	"	CC-3
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*93.7 %*		*70-130*		"	"	"	
MW-7 (W106396-07RE1) Water Sampled: 19-Jun-01 11:50 Received: 20-Jun-01 16:10									
Methyl tert-butyl ether	**440**	50	ug/l	20	1F21002	21-Jun-01	22-Jul-01	EPA 8015M/8020	CC-3
Surrogate: a,a,a-Trifluorotoluene		*105 %*		*70-130*		"	"	"	

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6747 Sierra Court Suite J	Project Number: Chevron # 9-1851	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Jul-01 07:36

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 1F21002 - EPA 5030B P/T										
Blank (1F21002-BLK1)				Prepared & Analyzed: 21-Jun-01						
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: a,a,a-Trifluorotoluene	*28.5*		"	*30.0*		*95.0*	*70-130*			
Blank (1F21002-BLK2)				Prepared: 22-Jun-01 Analyzed: 22-Jul-01						
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: a,a,a-Trifluorotoluene	*28.8*		"	*30.0*		*96.0*	*70-130*			
Blank (1F21002-BLK3)				Prepared: 25-Jun-01 Analyzed: 25-Jul-01						
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: a,a,a-Trifluorotoluene	*30.1*		"	*30.0*		*100*	*70-130*			
LCS (1F21002-BS1)				Prepared & Analyzed: 21-Jun-01						
Benzene	16.9	0.50	ug/l	20.0		84.5	70-130			
Toluene	17.8	0.50	"	20.0		89.0	70-130			
Ethylbenzene	18.6	0.50	"	20.0		93.0	70-130			
Xylenes (total)	55.8	0.50	"	60.0		93.0	70-130			
Surrogate: a,a,a-Trifluorotoluene	*29.5*		"	*30.0*		*98.3*	*70-130*			

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6747 Sierra Court Suite J	Project Number: Chevron # 9-1851	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Jul-01 07:36

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 1F21002 - EPA 5030B P/T										
LCS (1F21002-BS2)				Prepared: 22-Jun-01 Analyzed: 22-Jul-01						
Benzene	20.0	0.50	ug/l	20.0		100	70-130			
Toluene	20.7	0.50	"	20.0		104	70-130			
Ethylbenzene	22.1	0.50	"	20.0		110	70-130			
Xylenes (total)	65.9	0.50	"	60.0		110	70-130			
Surrogate: a,a,a-Trifluorotoluene	*31.0*		"	*30.0*		*103*	*70-130*			
LCS (1F21002-BS3)				Prepared: 25-Jun-01 Analyzed: 25-Jul-01						
Benzene	20.3	0.50	ug/l	20.0		102	70-130			
Toluene	21.2	0.50	"	20.0		106	70-130			
Ethylbenzene	22.0	0.50	"	20.0		110	70-130			
Xylenes (total)	66.0	0.50	"	60.0		110	70-130			
Surrogate: a,a,a-Trifluorotoluene	*30.3*		"	*30.0*		*101*	*70-130*			
Matrix Spike (1F21002-MS1)		**Source: W106396-06**		Prepared: 21-Jun-01 Analyzed: 22-Jun-01						
Benzene	20.2	0.50	ug/l	20.0	ND	101	70-130			
Toluene	20.9	0.50	"	20.0	ND	104	70-130			
Ethylbenzene	21.9	0.50	"	20.0	ND	110	70-130			
Xylenes (total)	65.9	0.50	"	60.0	ND	110	70-130			
Surrogate: a,a,a-Trifluorotoluene	*30.6*		"	*30.0*		*102*	*70-130*			
Matrix Spike Dup (1F21002-MSD1)		**Source: W106396-06**		Prepared: 21-Jun-01 Analyzed: 22-Jun-01						
Benzene	19.4	0.50	ug/l	20.0	ND	97.0	70-130	4.04	20	
Toluene	20.3	0.50	"	20.0	ND	102	70-130	2.91	20	
Ethylbenzene	21.5	0.50	"	20.0	ND	108	70-130	1.84	20	
Xylenes (total)	64.2	0.50	"	60.0	ND	107	70-130	2.61	20	
Surrogate: a,a,a-Trifluorotoluene	*29.5*		"	*30.0*		*98.3*	*70-130*			

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6747 Sierra Court Suite J	Project Number: Chevron # 9-1851	**Reported:**
Dublin CA, 94568	Project Manager: Deanna L. Harding	06-Jul-01 07:36

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.
CF-01	Results between the primary and confirmation column varied by greater than 40% RPD.
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