GETTLER-RYAN INC.

TRANSMITTAL

October 19, 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	October 15, 2001	Groundwater Monitoring and Sampling Report Third Quarter - Event of September 5, 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 31, 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.

October 15, 2001
G-R Job #385145

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

RE: Third Quarter Event of September 5, 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.

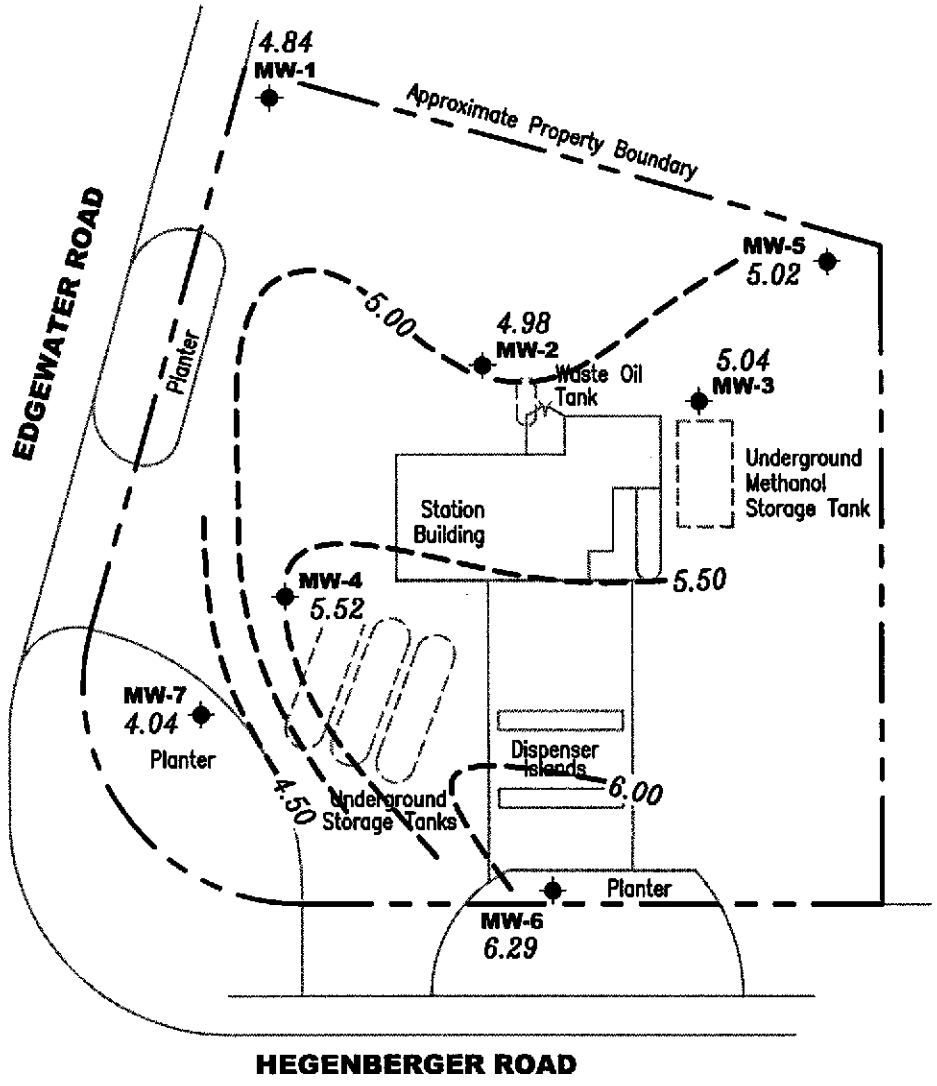
Sincerely,

Anamaria Vercau
-for-
Deanna L. Harding
Project Coordinator

REGISTERED GEOLOGIST
DOUGLAS J. LEE
No. 6882
STATE OF CALIFORNIA

Douglas J. Lee
Senior Geologist, R.G. No. 6882

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.

Approximate groundwater flow direction at a gradient of 0.01 to 0.07 Ft./Ft.

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		September 5, 2001	

FILE NAME: P:\ENVIRO\CHEVRON\9-1851\Q01-9-1851.DWG | Layout Tab: Pot3

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	--	--	--	--	--	--
09/05/01	**8.61**	**4.84**	**3.77**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**180**	**--**	**--**	**--**	**--**	**--**	**--**
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

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)																
09/25/96	3.51	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--
09/05/01	**9.52**	**4.98**	**4.54**	**--**	**<50**	**<0.50**	**1.2**	**<0.50**	**<1.5**	**46**	**--**	**--**	**--**	**--**	**--**	**--**
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	--	--	--	--	--	--

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)																
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	--	--	--	--	--	--
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	--	--	--	--	--	--
09/05/01	**9.08**	**5.04**	**4.04**	**--**	**130**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**1,400**	**--**	**--**	**--**	**--**	**--**	**--**
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	--	--	--	--	--	--

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)																
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	--	--	--	--	--	--
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	--	--	--	--	--	--
09/05/01	**9.48**	**5.52**	**3.96**	**--**	**400**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**2,800**	**--**	**--**	**--**	**--**	**--**	**--**
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						--	--	--	--	--	--	--	--	--
09/05/01	**8.77**	**5.02**	**3.75**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**31**	**--**	**--**	**--**	**--**	**--**	**--**

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-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	--	--	--	--	--	--
09/05/01	**11.45**	**6.29**	**5.16**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**	**--**	**--**	**--**	**--**	**--**	**--**
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	--	--	--	--	--	--
09/05/01	**10.58**	**4.04**	**6.54**	**--**	**180**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**640**	**--**	**--**	**--**	**--**	**--**	**--**
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	--	--	--	--	--	--

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)																
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	--	--	--	--	--	--
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	--	--	--	--	--	--
09/05/01	**--**	**--**	**--**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<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: 9-5-01

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 14.42 ft.

Depth to Water 3.77 ft.

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

10.65 X VF 0.17 = 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: 8:54

Sampling Time: 9:13

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 X1000	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
8:58	2	5.93	2.54	72.0			
9:02	4	5.90	2.16	72.4			
9:06	5.5	5.87	1.90	72.5			

LABORATORY INFORMATION

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

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Address: 451 HEGENBURGER Rd. Date: 9-5-01

City: OAKLAND Sampler: FB

Well ID MW-2 Well Condition: OIL

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

Total Depth 14.73 ft.

Depth to Water 4.54 ft.

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

10.19 X VF .17 = 1.73 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: 9:21 Weather Conditions: Sunny

Sampling Time: 9:40 Water Color: clear Odor: Slight

Purging Flow Rate: ppm. Sediment Description:

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

Time	Volume (gal.)	pH	Conductivity µmhos/cm X1000	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
9:25	2	5.62	2.67	73.4			
9:29	4	5.60	2.38	73.0			
9:32	5.5	5.59	2.30	73.2			

LABORATORY INFORMATION

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

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Address: 451 HEGENBERGER RD. Date: 9-5-01

City: OAKLAND Sampler: FB

Well ID MW-#3 Well Condition: OK

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

Total Depth 14.49 ft.

Depth to Water 4.04 ft.

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

10.45 X VF .17 = 1.77 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: 11:36 Weather Conditions: SUNNY

Sampling Time: 1155 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 X1000	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:40	2	5.53	3.56	74.8			
11:44	4	5.50	3.21	74.9			
11:48	5.5	5.48	3.00	74.9			

LABORATORY INFORMATION

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

COMMENTS: _____

9/97-fieldst.frm

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Address: 451 Hegenberger Rd. Date: 9-5-01

City: Oakland Sampler: FB

Well ID MW-4 Well Condition: OK

Well Diameter 2 ~~4~~ ~~6~~ ~~8~~ in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 14.88 ~~3.6~~ ft.

Depth to Water 3.96 ft.

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

10.92 X VF .17 = 1.85 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: 1212 Weather Conditions: Sunny

Sampling Time: 1231 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 X1000	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1216	2	5.79	1.35	76.8			
1220	4	5.76	1.61	77.0			
1224	5.5	5.75	1.40	77.0			

LABORATORY INFORMATION

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

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Address: 451 HEGENBURGER Rd. Date: 9-5-01

City: OAKLAND Sampler: FB

Well ID MW-5 Well Condition: OK

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

Total Depth 9.82 ft.

Depth to Water 3.75 ft.

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

6.07 X VF .17 = 1.03 X 3 (case volume) = Estimated Purge Volume: 3.0 (gal.)

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

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

Starting Time: 9:54 Weather Conditions: Sunny

Sampling Time: 1010 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 X1000	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
9:57	1	5.38	4.73	74.0			
1000	2	5:37	4.26	73.4			
1003	3	5.34	4.48	73.4			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x VOA VIAL	Y	HCL	Lancaster	TPHG/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Address: 451 HEGENBURGER RD. Date: 9-5-01

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 9.79 ft.

Depth to Water 5.16 ft.

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

4.63 X VF .17 = .78 X 3 (case volume) = Estimated Purge Volume: 2.5 (gal.)

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

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

Starting Time: 10:58 Weather Conditions: SUNNY

Sampling Time: 11:14 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 X1000	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
11:01	1	5.68	0.73	72.7			
1104	2	5.66	0.94	73.0			
1106	2.5	5.65	0.80	73.1			

LABORATORY INFORMATION

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

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Address: 451 Hegenberger Rd. Date: 9-5-01

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 6.54 ft.

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

6.53 X VF .17 = 1.11 X 3 (case volume) = Estimated Purge Volume: 3.5 (gal.)

Purge Equipment: ~~Disposable Bailer~~, Bailer, Stack, Suction, Grundfos, Other: _____

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

Starting Time: 1023 Weather Conditions: Sunny

Sampling Time: 1040 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 X100	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1026	1	5.89	.79	73.9			
1029	2	5.87	.78	74.0			
1032	3.5	5.81	.19	74.0			

LABORATORY INFORMATION

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

COMMENTS: _____

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories — Where quality is a science.

060901-008

Acct. #: 10905 — For Lancaster Laboratories use only — Sample #: 368446 1-68 — SCR#:

Facility #: 9-1851 Job#385145

Site Address: 451 Hegenberger Rd., Oakland, CA

Chevron PM: Thomas Bauhs Lead Consultant: Delta/G-R

Consultant/Office: G-R Inc., 6747 Sierra Ct., Ste. J, Dublin, CA 94568

Consultant Prj. Mgr.: Deanna L. Harding Deanna@grinc.com

Consultant Phone #: 925-551-7555 Fax #: 925-551-7899

Sampler: FRANK H BOHNET

Service Order #: ☐ Non SAR:

Analyses Requested

Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8021 ☒ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates ____	TPH G ____	TPH D ____ Extended Rng. ☐ Silica Gel Cleanup ☐	Lead Total ☐ Diss. ☐ Method ____	VPH/EPH	NWTPH H HCID ☐ quantification	Comments / Remarks
TP BK	9-5-01					X		2	X			X					
MW-1	9-5-01	9:13	X			X		3	X			X					
MW-2	↓	9:40	X			X		3	X			X					
MW-3		11:55	X			X		3	X			X					
MW-4		1231	X			X		3	X			X					
MW-5		1010	X			X		3	X			X					
MW-6		1114	X			X		3	X			X					
MW-7	↓	1040	X			X		3	X			X					

Turnaround Time Requested (TAT) (please circle)

STD. TAT | 72 hour | 48 hour
24 hour | 4 day | 5 day

Data Package Options (please circle if required)

QC Summary | Type I - Full
Type VI (Raw Data) | Disk / EDD
WIP (RWQCB) | Standard Format
Disk | _____ Other.

	Date	Time		Date	Time
Relinquished by: Frank H Bohnet	9/6/01	0725	Received by:	9/6/01	15:08
Relinquished by:	9/6/01	16:50	Received by:	9/6/01	1650
Relinquished by:	9/10/01	1000	Received by: FedEx	Date	Time
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	9/11/01	915
Temperature Upon Receipt 5.0 C°			Custody Seals Intact? Yes No		

3468 Rev. 8/6/01

Lancaster Laboratories
Where quality is a science.

ANALYTICAL RESULTS

Prepared for:

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904
925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 777745. Samples arrived at the laboratory on Tuesday, September 11, 2001. The PO# for this group is 99011184 and the release number is BAUHS.

Client Description			Lancaster Labs Number
TPBK	x	Water	3684461
MW-1	Grab	Water	3684462
MW-2	Grab	Water	3684463
MW-3	Grab	Water	3684464
MW-4	Grab	Water	3684465
MW-5	Grab	Water	3684466
MW-6	Grab	Water	3684467
MW-7	Grab	Water	3684468

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO Delta C/O Gettler-Ryan Attn: Deanna L. Harding

Lancaster Laboratories
Where quality is a science.

Questions? Contact your Client Services Representative
Teresa M. Lis at (717) 656-2300.

Respectfully Submitted,

Victoria M. Martelli
Chemist

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

MEMBER ACIL

CASE NARRATIVE

Prepared For:

Thomas Bauhs
Chevron Products Company
6001 Bollinger Canyon Road
Building L
P.O. Box 6004
San Ramon, CA 94583-0904

Prepared By:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 777745. Samples arrived at the laboratory on Tuesday, September 11, 2001.

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

COMMENTS

The sample vials MW-5 from Facility 9-1851 submitted for the BTEX/MTBE (8021) and TPH-GRO analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684461

Collected: n.a.

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
TPBK x Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (waters)	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/18/2001 05:33	Darvin L. Martin	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/18/2001 23:52	Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/18/2001 05:33	Darvin L. Martin	n.a.

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684462

Collected:09/05/2001 09:13 by FHB

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
MW-1 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 MW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (waters)	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	180.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/18/2001 06:06	Darvin L. Martin	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/18/2001 12:01	K. Robert James	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/18/2001 06:06	Darvin L. Martin	n.a.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684463

Collected:09/05/2001 09:40 by FHB

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
MW-2 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 MW-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (waters)	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	1.2	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	46.	2.5	ug/l	1
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/16/2001 22:57	Darvin L. Martin	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/16/2001 22:57	Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/16/2001 22:57	Darvin L. Martin	n.a.

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684464

Collected:09/05/2001 11:55 by FHB

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
MW-3 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 MW-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (waters)	n.a.	130.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	1,400.	6.0	ug/l	20
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/15/2001 18:55	John B. Kiser	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/15/2001 18:23	John B. Kiser	20
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/15/2001 18:55	John B. Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2001 18:23	John B. Kiser	n.a.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684465

Collected:09/05/2001 12:31 by FHB

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
MW-4 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 MW-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (waters)	n.a.	400.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	2,800.	6.0	ug/l	20
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/17/2001 03:48	Darvin L. Martin	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/17/2001 03:16	Darvin L. Martin	20
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/17/2001 03:48	Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/17/2001 03:16	Darvin L. Martin	n.a.

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684466

Collected:09/05/2001 10:10 by FHB

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
MW-5 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 MW-5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (waters)	n.a.	N.D.	50.	ug/l	1

The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.

08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	31.	2.5	ug/l	1

Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.

State of California Lab Certification No. 2116

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684466

Collected:09/05/2001 10:10 by FHB

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
MW-5 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 MW-5

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/16/2001 23:30	Darvin L. Martin	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/16/2001 23:30	Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/16/2001 23:30	Darvin L. Martin	n.a.

Analysis Report

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684467

Collected:09/05/2001 11:14 by FHB

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
MW-6 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 MW-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (waters)	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/17/2001 00:02	Darvin L. Martin	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/17/2001 00:02	Darvin L. Martin	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/17/2001 00:02	Darvin L. Martin	n.a.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684468

Collected:09/05/2001 10:40 by FHB

Account Number: 10905

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
MW-7 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 MW-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO N. California (waters)					
01730	TPH-GRO N. California (waters)	n.a.	180.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	640.	2.5	ug/l	5
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	09/17/2001 02:10	Melissa-Ann S. McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/17/2001 01:35	Melissa-Ann S. McAlpine	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	09/17/2001 02:10	Melissa-Ann S. McAlpine	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/17/2001 01:35	Melissa-Ann S. McAlpine	n.a.

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3684468

Collected:09/05/2001 10:40 by FHB

Submitted: 09/11/2001 09:15
Reported: 10/04/2001 at 15:20
Discard: 11/04/2001
MW-7 Grab Water

Facility# 9-1851 GRD
451 Hegenberger Rd Oaklan T0600102238 MW-7

Account Number: 10905

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Lancaster Laboratories
Where quality is a science.

Quality Control Summary

Client Name: Chevron Products Company
Group Number: 777745
Reported: 10/04/01 at 03:21 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 01256A16	Sample number(s): 3684463-3684467							
Benzene	N.D.	0.5	ug/l	115	117	80-118	1	30
Toluene	N.D.	0.5	ug/l	109	111	82-119	2	30
Ethylbenzene	N.D.	0.5	ug/l	102	105	81-119	3	30
Total Xylenes	N.D.	1.5	ug/l	104	107	82-120	3	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	97	99	79-127	3	30
TPH-GRO N. California (waters)	N.D.	50.	ug/l	95	100	76-119	5	20
Batch number: 01258A53	Sample number(s): 3684468							
Benzene	N.D.	0.5	ug/l	92	97	80-118	5	30
Toluene	N.D.	0.5	ug/l	90	94	82-119	4	30
Ethylbenzene	N.D.	0.5	ug/l	91	96	81-119	4	30
Total Xylenes	N.D.	1.5	ug/l	90	94	82-120	5	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	100	100	79-127	0	30
TPH-GRO N. California (waters)	N.D.	50.	ug/l	103	99	76-119	4	20
Batch number: 01260A02	Sample number(s): 3684461-3684462							
Benzene	N.D.	0.5	ug/l	108	112	80-118	3	30
Toluene	N.D.	0.5	ug/l	110	113	82-119	3	30
Ethylbenzene	N.D.	0.5	ug/l	110	114	81-119	3	30
Total Xylenes	N.D.	1.5	ug/l	111	114	82-120	3	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	102	102	79-127	0	30
Batch number: 01260A16	Sample number(s): 3684461-3684462							
TPH-GRO N. California (waters)	N.D.	50.	ug/l	88	93	76-119	6	20

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 01256A16	Sample number(s): 3684463-3684467								
TPH-GRO N. California (waters)	100		74-132						
Batch number: 01258A53	Sample number(s): 3684468								
Benzene	88		66-140						
Toluene	91		72-138						
Ethylbenzene	95		71-138						
Total Xylenes	94		69-140						
Methyl tert-Butyl Ether	89		60-145						
TPH-GRO N. California (waters)	108		74-132						
Batch number: 01260A02	Sample number(s): 3684461-3684462								
Benzene	108	113	66-140	3	30				
Toluene	116	114	72-138	2	30				
Ethylbenzene	111	115	71-138	3	30				
Total Xylenes	117	115	69-140	2	30				
Methyl tert-Butyl Ether	100	98	60-145	2	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is a science.

Quality Control Summary

Client Name: Chevron Products Company
Group Number: 777745
Reported: 10/04/01 at 03:21 PM

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max

Surrogate Quality Control

Analysis Name: TPH-GRO N. California (waters)
Batch number: 01256A16

	Trifluorotoluene-F	Trifluorotoluene-P
3684463	84	111
3684464	87	117
3684465	87	117
3684466	80	109
3684467	86	112
Blank	87	113
LCS	123	112
LCSD	117	111
MS	127	
Limits:	65-137	72-134

Analysis Name: TPH-GRO N. California (waters)
Batch number: 01258A53

	Trifluorotoluene-F	Trifluorotoluene-P
3684468	102	98
Blank	103	95
LCS	108	93
LCSD	111	93
MS	110	93
Limits:	65-137	72-134

Analysis Name: BTEX, MTBE (8021)
Batch number: 01260A02

	Trifluorotoluene-F	Trifluorotoluene-P
3684461		106
3684462		107
Blank	86	106
LCS	97	106
LCSD	99	106
MS	95	105
MSD		106
Limits:	65-137	72-134

Analysis Name: TPH-GRO N. California (waters)
Batch number: 01260A16

	Trifluorotoluene-F

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
Where quality is a science.

Quality Control Summary

Client Name: Chevron Products Company
Group Number: 777745
Reported: 10/04/01 at 03:21 PM

Surrogate Quality Control

3684461	80
3684462	81
Blank	78
LCS	113
LCSD	112
Limits:	65-137

NOV 05 2001

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

MEMBER ACIL
Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681