RO-335 5

GETTLER-RYAN INC.

TRANSMITTAL

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By

April 11, 2002
G-R #386502

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

JUN 17 2002

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

RE: Chevron Service Station
#9-6607
2340 Otis Drive
Alameda, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 8, 2002	Groundwater Monitoring and Sampling Report First Quarter - Event of February 26, 2002

COMMENTS:

This report is being sent for you review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***April 22, 2002***, at which time the final report will be distributed to the following:

cc: Mr. Thomas Peacock, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Wayne Weber, Chevron Station #9-6607, 2340 Otis Dr., Alameda, CA 94501
Harsh Investment Corp., 523 West Plaza, South Shore Center, Alameda, CA 94501
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670

Enclosures

trans/9-6607-tb

GETTLER-RYAN INC.

April 8, 2002
G-R Job #386502

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

RE: First Quarter Event of February 26, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, 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.

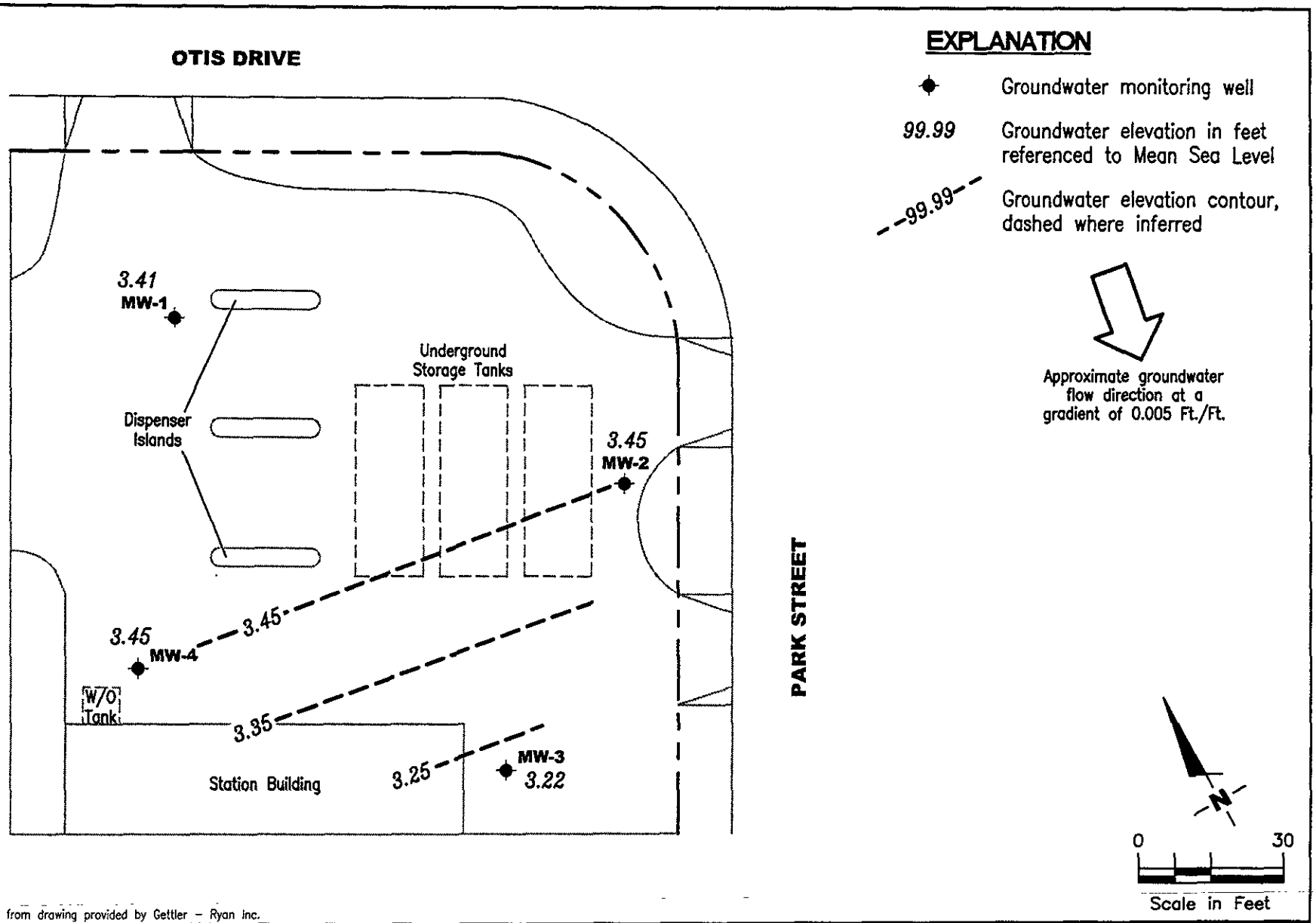
Sincerely,

Deanna L. Harding
Project Coordinator

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
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by Gettler – Ryan Inc.

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

POTENTIOMETRIC MAP
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386502		February 26, 2002	

FILE NAME: P:\Enviro\Chevron\9-6607\Q02-9-6607.dwg | Layout Tab: Pot1

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6607

2340 Otis Drive

Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-1											
7.12	08/21/91	6.10	1.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	01/09/92	3.96	3.16	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000
	04/20/92	3.90	3.22	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	07/25/92	4.18	2.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	11/24/92	4.72	2.40	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	01/21/93	3.18	3.94	--	<50	<0.5	0.7	<0.5	1.0	--	--
	04/13/93	3.70	3.42	--	<50	<0.5	<0.5	<0.5	1.0	--	--
	07/14/93	4.21	2.91	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	10/26/93	4.28	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	01/11/94	4.16	2.96	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	03/31/94	3.88	3.24	--	<50	<0.5	0.6	<0.5	0.7	--	--
	07/14/94	3.00	4.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	10/12/94[1]	4.25	2.87	--	80	<0.5	<0.5	<0.5	<0.5	121	--
	01/11/95	3.12	4.00	--	<50	<0.5	<0.5	<0.5	<0.5	130	--
	04/05/95[3]	3.46	3.66	--	<50	<0.5	<0.5	<0.5	<0.5	170	--
	07/13/95	3.99	3.13	--	<125	<1.2	<1.2	<1.2	<1.2	400	--
	10/05/95	4.38	2.74	--	<50	<0.5	2.3	0.66	4.0	300	--
	10/03/96	4.44	2.68	--	<50	0.63	<0.5	<0.5	<0.5	560	--
	01/22/97	3.39	3.73	--	<200	<2.0	<2.0	<2.0	<2.0	530/880[5]	--
6.92	04/09/97[6]	3.70	3.22	--	<125	<1.2	<1.2	<1.2	<1.2	610	--
	07/09/97	3.87	3.05	--	240	47	<2.0	<2.0	<2.0	990	--
	10/16/97	3.97	2.95	--	250	<2.0	<2.0	<2.0	<2.0	1,000	--
	01/08/98	3.45	3.47	--	<200	<2.0	<2.0	<2.0	<2.0	--[8]	--
	04/24/98	3.61	3.31	--	170	20	<0.5	<0.5	<0.5	1,700	--
	07/15/98	3.85	3.07	--	160	58	1.1	<0.5	0.59	1,500/1,600[5]	--
	~~10/27/98~~	~~4.12~~	~~2.80~~	~~--~~	~~140~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~<0.5~~	~~1,200~~	~~--~~
	01/20/99	4.48	2.44	--	<250	<2.5	<2.5	<2.5	<2.5	1,330	--
	04/19/99	2.71	4.21	--	150	73	<0.5	<0.5	<0.5	620	--
	07/29/99	3.97	2.95	--	142	<0.5	0.82	<0.5	2.08	824	--
	10/25/99	4.06	2.86	--	<200	<2.0	<2.0	<2.0	<2.0	972	--
	01/24/00	2.89	4.03	--	143	<0.5	<0.5	<0.5	<0.5	1,170	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6607

2340 Otis Drive

Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-1	04/03/00	3.60	3.32	--	130[9]	22	<0.50	<0.50	<0.50	550	--
(cont)	07/03/00	4.06	2.86	--	180[9]	12	<1.0	<1.0	<1.0	850	--
	10/02/00[11]	4.03	2.89	--	120[10]	<0.50	<0.50	<0.50	<0.50	520	--
	01/09/01	4.07	2.85	--	<250	<2.5	<2.5	<2.5	<2.5	510	--
	04/09/01	3.57	3.35	--	120	<0.500	<2.00	<0.500	<2.00	683	--
	08/23/01	3.90	3.02	--	<50	<0.50	<0.50	<0.50	<0.50	350	--
	11/27/01	3.90	3.02	--	270	<0.50	<0.50	<0.50	<1.5	280	--
	02/26/02	**3.51**	**3.41**	**--**	**820**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**1,600**	**--**
MW-2											
7.43	08/21/91	6.40	1.03	--	430	170	0.9	1.0	3.6	--	--
	01/09/92	4.23	3.20	--	58	16	<0.5	<0.5	<0.5	--	<5,000
	04/20/92	4.17	3.26	--	180	9.6	<0.5	0.8	<0.5	--	--
	07/25/92	4.47	2.96	--	220	8.0	0.7	4.0	8.6	--	--
	11/24/92	5.82	1.61	--	72	3.2	<0.5	0.5	0.6	--	--
	01/21/93	3.35	4.08	--	<50	0.8	<0.5	<0.5	<0.5	--	--
	04/13/93	4.02	3.41	--	78	<0.5	<0.5	<0.5	0.6	--	--
	07/14/93	4.49	2.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	10/26/93	4.56	2.87	--	<50	<0.5	0.9	<0.5	0.6	--	--
	01/11/94	4.39	3.04	--	<50	<0.5	1.0	<0.5	<0.5	--	--
	03/31/94	4.18	3.25	--	<50	0.5	<0.5	<0.5	0.8	--	--
	07/14/94	4.90	2.53	--	<50	<0.5	<0.5	<0.5	0.6	--	--
	10/12/94[2]	4.54	2.89	--	<50	<0.5	<0.5	<0.5	<0.5	2,900	--
	01/11/95	3.26	4.17	--	<50	<0.5	<0.5	<0.5	<0.5	2,500	--
	04/05/95[3]	3.65	3.78	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
	~~07/13/95~~	~~4.31~~	~~3.12~~	--	<250	<2.5	<2.5	<2.5	<2.5	1,100	--
	10/05/95	4.68	2.75	--	<50	<0.5	1.9	0.54	3.4	280	--
	10/03/96	4.80	2.63	--	<500	<5.0	<5.0	<5.0	<5.0	1,000	--
	01/22/97	3.36	4.07	--	540[7]	<5.0	<5.0	<5.0	<5.0	1,300/1,600[5]	--
	04/09/97	4.25	3.18	--	<500	<5.0	<5.0	<5.0	<5.0	970	--
	07/09/97	4.48	2.95	--	<125	<1.2	<1.2	<1.2	<1.2	710	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6607

2340 Otis Drive

Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-2	10/16/97	4.44	2.99	--	<100	<1.0	<1.0	<1.0	<1.0	1,000	--
(cont)	01/08/98	3.79	3.64	--	68	<0.5	<0.5	<0.5	<0.5	--[8]	--
	04/24/98	3.95	3.48	--	<50	<0.5	<0.5	<0.5	<0.5	490	--
	07/15/98	4.30	3.13	--	51	1.2	1.2	<0.5	<0.5	480	--
	10/27/98	4.45	2.98	--	<50	<0.5	<0.5	<0.5	<0.5	180	--
	01/20/99	4.21	3.22	--	<50	<0.5	<0.5	<0.5	<0.5	388	--
	04/19/99	4.38	3.05	--	620	13	35	11	78	510	--
	07/29/99	4.49	2.94	--	<50	<0.5	<0.5	<0.5	<0.5	229	--
	10/25/99	4.55	2.88	--	<50	<0.5	<0.5	<0.5	<0.5	314	--
	01/24/00	2.82	4.61	--	<50	<0.5	<0.5	<0.5	<0.5	236	--
	04/03/00	4.05	3.38	--	<50	<0.50	<0.50	<0.50	<0.50	420	--
	07/03/00	4.52	2.91	--	140[9]	<0.50	<0.50	<0.50	0.88	1,300	--
	10/02/00	4.55	2.88	--	<1,000	<10	<10	<10	<10	1,300	--
	01/09/01	4.45	2.98	--	<1,000	<10	<10	<10	<10	1,100	--
	04/09/01	3.96	3.47	--	214	<0.500	<2.00	0.512	<2.00	1,770	--
	08/23/01	4.38	3.05	--	130	24	<0.50	<0.50	<0.50	440	--
	11/27/01	4.25	3.18	--	650	<0.50	<0.50	<0.50	<1.5	770	--
	02/26/02	**3.98**	**3.45**	**--**	**160**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**470**	**--**
MW-3											
8.07	08/21/91	7.10	0.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	01/09/92	5.03	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000
	04/20/92	4.91	3.16	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	07/25/92	5.34	2.73	--	<50	1.0	1.0	1.0	3.4	--	--
	11/24/92	5.00	3.07	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	01/21/93	4.34	3.73	--	<50	<0.5	0.5	<0.5	1.0	--	--
	04/13/93	4.84	3.23	--	<50	<0.5	<0.5	<0.5	0.6	--	--
	07/14/93	5.29	2.78	--	<50	<0.5	<0.5	<0.5	2.0	--	--
	10/26/93	5.36	2.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	01/11/94	5.22	2.85	--	<50	<0.5	1.0	<0.5	<0.5	--	--
	03/31/94	4.99	3.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6607

2340 Otis Drive

Alameda, California

WELL ID/ TOC*(ft.)		DATE	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-3		07/14/94	5.36	2.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
(cont)		10/12/94	5.02	3.05	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		01/11/95	4.35	3.72	--	<50	<0.5	<0.5	<0.5	0.7	<5.0	--
		04/05/95[3]	2.64	5.43	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
		07/13/95	5.13	2.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		10/05/95	5.46	2.61	--	<50	<0.5	1.2	<0.5	<0.5	--	--
		10/03/96	5.53	2.54	--	<50	0.98	1.2	0.53	2.5	<2.5	--
		01/22/97	4.62	3.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
8.00		04/09/97[6]	5.05	2.95	SAMPLED ANNUALLY		--	--	--	--	--	--
		07/09/97	5.14	2.86	--	--	--	--	--	--	--	--
		10/16/97	5.20	2.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
		01/08/98	4.75	3.25	--	<50	<0.5	<0.5	<0.5	<0.5	9.3	--
		04/24/98	4.73	3.27	--	--	--	--	--	--	--	--
		07/15/98	5.07	2.93	--	--	--	--	--	--	--	--
		10/27/98	5.24	2.76	--	--	--	--	--	--	--	--
		01/20/99	5.18	2.82	--	<50	<0.5	<0.5	<0.5	<0.5	42.2	--
		04/19/99	4.26	3.74	--	--	--	--	--	--	--	--
		07/29/99	5.18	2.82	--	--	--	--	--	--	--	--
		10/25/99	5.27	2.73	--	--	--	--	--	--	--	--
		01/24/00	4.22	3.78	--	<50	<0.5	<0.5	<0.5	<0.5	71.1	--
		04/03/00	4.90	3.10	--	--	--	--	--	--	--	--
	NP	07/03/00	5.25	2.75	--	--	--	--	--	--	--	--
		10/02/00	5.29	2.71	--	--	--	--	--	--	--	--
		01/09/01	5.27	2.73	--	<50	<0.50	<0.50	<0.50	<0.50	120	--
		04/09/01	4.81	3.19	--	--	--	--	--	--	--	--
		08/23/01	5.24	2.76	--	--	--	--	--	--	--	--
		~~11/27/01~~	~~5.14~~	2.86	SAMPLED ANNUALLY		--	--	--	--	--	--
		02/26/02	**4.78**	**3.22**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**190**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6607

2340 Otis Drive

Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-4	08/21/91	6.85	1.00	--	<50	0.6	<0.5	<0.5	<0.5	--	<5,000
7.85	01/09/92	4.70	3.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000
	04/20/92	4.64	3.21	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000
	07/25/92	4.95	2.90	78	<50	0.5	1.1	<0.5	0.8	--	--
	11/24/92	5.42	2.43	--	<50	<0.5	<0.5	<0.5	1.0	--	<5,000
	01/21/93	4.07	3.78	<10	<50	<0.5	0.5	<0.5	0.7	--	--
	04/13/93	4.45	3.40	<10	<50	<0.5	<0.5	<0.5	1.0	--	--
	07/14/93	4.90	2.95	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	10/26/93	4.95	2.90	--	<50	2.0	3.0	2.0	3.0	--	--
	01/11/94	4.77	3.08	--	<50	<0.5	0.5	<0.5	<0.5	--	--
	03/31/94	4.65	3.20	--	<50	<0.5	<0.5	<0.5	1.0	--	--
	07/14/94	5.05	2.80	--	<50	0.9	1.2	<0.5	2.0	--	--
	10/12/94	4.88	2.97	--	<50	<0.5	0.9	<0.5	0.7	--	--
	01/11/95	4.00	3.85	--	<50	<0.5	0.8	0.7	1.5	<5.0	--
	04/05/95[4]	4.22	3.63	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	<5,000
	07/13/95	4.71	3.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	10/05/95	5.02	2.83	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	10/03/96	5.08	2.77	--	100	5.5	5.6	2.5	12	<2.5	--
	01/22/97	4.28	3.57	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	04/09/97	4.60	3.25	SAMPLED ANNUALLY		--	--	--	--	--	--
	07/09/97	4.79	3.06	--	--	--	--	--	--	--	--
	10/16/97	4.81	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	2.7	--
	01/08/98	4.37	3.48	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	04/24/98	4.34	3.51	--	--	--	--	--	--	--	--
	07/15/98	4.46	3.39	--	--	--	--	--	--	--	--
	10/27/98	4.52	3.33	--	--	--	--	--	--	--	--
	01/20/99	4.32	3.53	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
	04/19/99	4.07	3.78	--	--	--	--	--	--	--	--
	04/19/99	4.87	2.98	--	--	--	--	--	--	--	--
	10/25/99	4.90	2.95	--	--	--	--	--	--	--	--
	01/24/00	4.32	3.53	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	04/03/00	4.38	3.47	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6607

2340 Otis Drive

Alameda, California

WELL ID/ TOC*(ft.)		DATE	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-4	NP	07/03/00	4.88	2.97	--	--	--	--	--	--	--	--
(cont)		10/02/00	4.89	2.96	--	--	--	--	--	--	--	--
		01/09/01	4.93	2.92	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
		04/09/01	4.48	3.37	--	--	--	--	--	--	--	--
		08/23/01	4.85	3.00	--	--	--	--	--	--	--	--
		11/27/01	4.80	3.05	SAMPLED ANNUALLY		--	--	--	--	--	--
		02/26/02	**4.40**	**3.45**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**	**--**
TRIP BLANK		01/21/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
TB-LB		04/13/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		07/14/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		10/26/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		01/11/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		03/31/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		07/14/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		10/12/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		01/11/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		04/05/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		07/13/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		10/05/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		10/03/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		01/22/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
		04/09/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
		07/09/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
		10/16/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
		01/08/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
		04/24/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
		07/15/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
		10/27/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
		01/20/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
		04/19/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6607

2340 Otis Drive

Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
TB-LB	07/29/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
(cont)	10/25/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	01/24/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	04/03/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<5.0	--
	07/03/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	10/02/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	01/09/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	04/09/01	--	--	--	<50.0	<0.500	<2.00	<0.500	<2.00	<0.500	--
	08/23/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
QA	11/27/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	02/26/02	**--**	**--**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6607

2340 Otis Drive

Alameda, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to April 3, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
(msl) = Mean sea level
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
(ppb) = Parts per billion
NP = No Purge
-- = Not Measured/Not Analyzed
QA = Qulaity Assurance

* TOC elevations are relative to msl.

1 Laboratory report indicates Volatile Organic Compounds (VOCs) were <5.0-<50 ppb.

2 Laboratory report indicates VOCs were <50-<500 ppb.

3 Laboratory report indicates Polynuclear Aromatics (PNAs) were <5.0 ppb.

4 Laboratory report indicates VOCs were <5.0 ppb.

5 Confirmation of MTBE.

6 Wellhead elevation altered due to maintenance.

7 Chromatogram pattern indicates an unidentified hydrocarbon.

8 No value for MTBE could be determined; see laboratory report.

9 Laboratory report indicates gasoline C6-C12.

10 Laboratory report indicates unidentified hydrocarbons C6-C12.

11 Laboratory report indicates this sample was analyzed outside the EPA recommended holding time.

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/ CHEVRON
Facility # 9-6607 Job#: 386502
Address: 2340 Otis Dr. Date: 2.26.02
City: Alameda, CA Sampler: FT

Well ID MW-1 Well Condition: OK
Well Diameter 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 22.61 ft.
Depth to Water 3.51 ft.

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

19.10 X VF .66 = 12.60 X 3 (case volume) = Estimated Purge Volume: 37.81 (gal.)

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

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

Starting Time: 5:33 Weather Conditions: SUNNY
Sampling Time: 6:00 Water Color: CLEAR Odor: NO
Purging Flow Rate: 2.0 gpm. Sediment Description:
Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
5:39	12.5	7.78	766 x100	63.2			
5:45	25.0	7.58	723	65.0			
5:51	38.0	7.49	742	65.6			

LABORATORY INFORMATION

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

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-6607 Job#: 386503
Address: 2340 Otis Dr. Date: 2-26-02
City: Alameda, CA Sampler: FT

Well ID MW-2 Well Condition: OK!
Well Diameter 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 23.23 ft.
Depth to Water 3.98 ft.

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

19.25 x VF .66 = 12.70 X 3 (case volume) = Estimated Purge Volume: 38.11 (gal.)

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

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

Starting Time: 6:11 Weather Conditions: CLEAR
Sampling Time: 6:41 Water Color: CLEAR Odor: yes
Purging Flow Rate: 2.0 gpm. Sediment Description:
Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
6:17	12.5	7.83	542 +100	61.7			
6:23	25.0	7.78	454	62.9			
6:29	38.0	7.54	532	63.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3x VOA's	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-6607 Job#: 386502
Address: 2340 Otis Dr. Date: 2.26.02
City: Alameda, CA Sampler: FT

Well ID MW-3 Well Condition: OK
Well Diameter 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 23.23 ft.
Depth to Water 4.78 ft.

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

18.45 X VF .66 = 12.17 X 3 (case volume) = Estimated Purge Volume: 36.53 (gal.)

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

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

Starting Time: 4:58 Weather Conditions: SUNNY
Sampling Time: 5:25 Water Color: CLEAR Odor: NO
Purging Flow Rate: 2.0 gpm. Sediment Description:
Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm x100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
5:04	12.0	7.36	959	64.2			
5:10	24.0	7.29	1010	65.2			
5:16	36.5	7.12	1236	66.0			

LABORATORY INFORMATION

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

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/ CHEVRON
Facility # 9-6607 Job#: 386502
Address: 2340 Otis Dr. Date: 2.26.02
City: Alameda, CA Sampler: FT

Well ID MW-4 Well Condition: OK
Well Diameter 4 in. Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)
Total Depth 19.97 ft.
Depth to Water 4.40 ft.

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

15.57 X VF .66 = 10.27 X 3 (case volume) = Estimated Purge Volume: 30.82 (gal.)

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

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

Starting Time: 4:12 Weather Conditions: SUNNY
Sampling Time: 4:44 Water Color: CLEAR Odor: NO
Purging Flow Rate: 2.0 gpm. Sediment Description:
Did well de-water? NO If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm +100	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
4:17	10.0	7.65	971	67.1			
4:24	20.0	7.60	932	66.5			
4:32	31.0	7.56	929	66.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3x VOA's	Y	HCL	LANCASTER	TPH(G)/btex/mtbe

COMMENTS: SLOW RECOVERY LAST TWO CASE VOLUMES

9/97-fieldat.frm

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

170202-004

For Lancaster Laboratories use only
Acct. #: 10905 Sample #: 317960-504 SCR#:

Facility #: 9-6607 Job #386502 Global ID #T0600100316
Site Address: 2340 OTIS DRIVE, ALAMEDA, CA
Chevron PM: Tom Bauhs Lead Consultant: Delta/G-R
Consultant/Office: G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568
Consultant Prj. Mgr. Deanna L. Harding (Deanna@grinc.com)
Consultant Phone #925-551-7555 Fax #: 925-551-7899
Sampler: FRANK TERRINONI
Service Order #: ☐ Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil	Matrix: Air	Matrix: Potable	Matrix: NPDES	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐	Preservation Codes	Preservation Codes	Preservation Codes	Preservation Codes	Preservation Codes	Preservation Codes	Preservation Codes	Preservation Codes	Preservation Codes
												Analyses Requested													
QA	2.26.02					W					2	X	X												
MW-1		1800	X								3	X	X												
MW-2		1841	X								3	X	X												
MW-3		1725	X								3	X	X												
MW-4		1644	X								3	X	X												

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 highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Comments / Remarks

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) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by: Frank Terrinoni	2.27.02		Received by:	2/27/02	1155
Relinquished by:	2/27/02	1247	Received by:	2/27/02	1247
Relinquished by: Andres Amaya	2-27-02	1415	Received by: Airborne	2-27-02	
Relinquished by Commercial Carrier: UPS FedEx (Other) Airborne			Received by:	2/28/02	1602
Temperature Upon Receipt 5.5 C°			Custody Seals Intact? Yes (No)		

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 798432. Samples arrived at the laboratory on Thursday, February 28, 2002. The PO# for this group is 99011184 and the release number is BAUHS.

Client Description			Lancaster Labs Number
QA-T-020226	NA	Water	3779680
MW-1-W-020226	Grab	Water	3779681
MW-2-W-020226	Grab	Water	3779682
MW-3-W-020226	Grab	Water	3779683
MW-4-W-020226	Grab	Water	3779684

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,

Tara A. Stiles
Chemist

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 3779680

Collected:02/26/2002 00:00

Account Number: 10905

Submitted: 02/28/2002 09:00
Reported: 03/08/2002 at 10:04
Discard: 04/08/2002
QA-T-020226 NA Water

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

Facility# 96607 Job# 386502 GRD
2340 OTIS DR-ALAMEDA T0600100316 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - 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
	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 - Waters	N. CA LUFT Gasoline Method	1	03/01/2002 17:52	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/01/2002 17:52	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/01/2002 17:52	Melissa D Mann	n.a.

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

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

Lancaster Laboratories
Where quality is a science.

Lancaster Laboratories Sample No. WW 3779681

Collected:02/26/2002 18:00 by FT Account Number: 10905

Submitted: 02/28/2002 09:00
Reported: 03/08/2002 at 10:04
Discard: 04/08/2002
MW-1-W-020226 Grab Water

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

Facility# 96607 Job# 386502 GRD
2340 OTIS DR-ALAMEDA T0600100316 MW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	820.	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	1,600.	3.0	ug/l	10
	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 - Waters	N. CA LUFT Gasoline Method	1	03/02/2002 06:08	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/01/2002 20:12	Melissa D Mann	10
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/02/2002 06:08	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/02/2002 06:08	Melissa D Mann	n.a.

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

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Lancaster Laboratories Sample No. WW 3779682

Collected:02/26/2002 18:41 by FT

Account Number: 10905

Submitted: 02/28/2002 09:00
Reported: 03/08/2002 at 10:04
Discard: 04/08/2002
MW-2-W-020226 Grab Water

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

Facility# 96607 Job# 386502 GRD
2340 OTIS DR-ALAMEDA T0600100316 MW-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	160.	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	470.	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 - Waters	N. CA LUFT Gasoline Method	1	03/02/2002 04:23	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/01/2002 20:47	Melissa D Mann	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/02/2002 04:23	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/02/2002 04:23	Melissa D Mann	n.a.

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

Lancaster Laboratories
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Lancaster Laboratories Sample No. WW 3779683

Collected:02/26/2002 17:25 by FT

Account Number: 10905

Submitted: 02/28/2002 09:00
Reported: 03/08/2002 at 10:04
Discard: 04/08/2002
MW-3-W-020226 Grab Water

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

Facility# 96607 Job# 386502 GRD
2340 OTIS DR-ALAMEDA T0600100316 MW-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - 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	190.	2.5	ug/l	1
	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 - Waters	N. CA LUFT Gasoline Method	1	03/01/2002 21:22	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/01/2002 21:22	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/01/2002 21:22	Melissa D Mann	n.a.

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

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Lancaster Laboratories Sample No. WW 3779684

Collected:02/26/2002 16:44 by FT

Account Number: 10905

Submitted: 02/28/2002 09:00
Reported: 03/08/2002 at 10:05
Discard: 04/08/2002
MW-4-W-020226 Grab Water

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

Facility# 96607 Job# 386502 GRD
2340 OTIS DR-ALAMEDA T0600100316 MW-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - 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
	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.					

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/01/2002 21:57	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/01/2002 21:57	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/01/2002 21:57	Melissa D Mann	n.a.

#=Laboratory MethodDetection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit

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Quality Control Summary

Client Name: Chevron Products Company
Group Number: 798432
Reported: 03/08/02 at 10:05 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02060A56A	Sample number(s): 3779680-3779684							
Benzene	N.D.	0.5	ug/l	107	97	80-118	9	30
Toluene	N.D.	0.5	ug/l	109	103	82-119	6	30
Ethylbenzene	N.D.	0.5	ug/l	109	102	81-119	6	30
Total Xylenes	N.D.	1.5	ug/l	110	102	82-120	7	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	104	96	79-127	8	30
TPH-GRO - Waters	N.D.	50.	ug/l	97	96	76-126	2	30
Batch number: 02060A56B	Sample number(s): 3779681-3779682							
Benzene	N.D.	0.5	ug/l	107	97	80-118	9	30
Toluene	N.D.	0.5	ug/l	109	103	82-119	6	30
Ethylbenzene	N.D.	0.5	ug/l	109	102	81-119	6	30
Total Xylenes	N.D.	1.5	ug/l	110	102	82-120	7	30
TPH-GRO - Waters	N.D.	50.	ug/l	97	96	76-126	2	30

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: 02060A56A	Sample number(s): 3779680-3779684								
Benzene	112		77-131						
Toluene	114		80-128						
Ethylbenzene	114		76-132						
Total Xylenes	115		76-132						
Methyl tert-Butyl Ether	102		61-144						
TPH-GRO - Waters	103		74-132						
Batch number: 02060A56B	Sample number(s): 3779681-3779682								
Benzene	112		77-131						
Toluene	114		80-128						
Ethylbenzene	114		76-132						
Total Xylenes	115		76-132						
TPH-GRO - Waters	103		74-132						

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 02060A56A

	Trifluorotoluene-F	Trifluorotoluene-P
3779680	94	97
3779683	93	99
3779684	92	99
Blank	93	89

*- 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.

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Quality Control Summary

Client Name: Chevron Products Company
Group Number: 798432
Reported: 03/08/02 at 10:05 AM

Surrogate Quality Control

LCS	116	100
LCSD	98	98
MS	101	99
Limits:	67-135	71-130

Analysis Name: TPH-GRO - Waters
Batch number: 02060A56B

	Trifluorotoluene-F	Trifluorotoluene-P
3779681	95	97
3779682	91	95
Blank	96	97
LCS	116	100
LCSD	98	98
MS	101	99
Limits:	67-135	71-130

*- 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.

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