GETTLER-RYAN INC.

TRANSMITTAL

Alameda County
APR 01 2003
Environmental Health

March 12, 2003
G-R #386502

TO: Mr. Robert Foss
Cambria Environmental Technology, Inc.
2680 Bishop Drive, Suite 290
San Ramon, CA 94583

CC: Ms. Karen Petryna
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
#9-6607
2340 Otis Drive
Alameda, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 10, 2003	Groundwater Monitoring and Sampling Report First Quarter - Event of February 3, 2003

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 ***March 26, 2003***, at which time the final report will be distributed to the following:

cc: Ms Eva Chu, 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

Enclosures

trans/9-6607-ks

GETTLER-RYAN INC.

March 10, 2003
G-R Job #386502

Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: First Quarter Event of February 3, 2003
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

Dear Ms. Streich:

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.

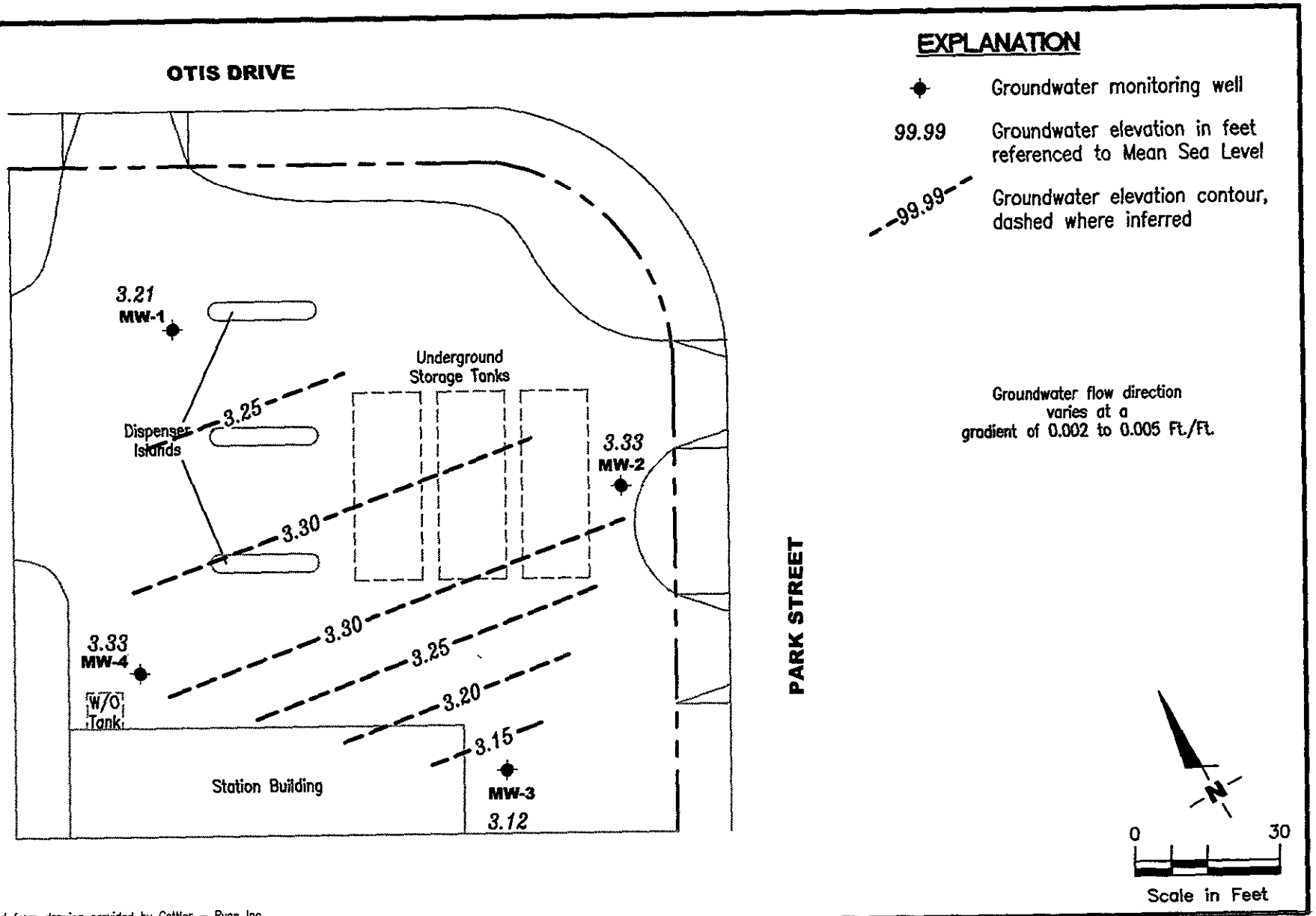
Sincerely,

Deanna L. Harding
Project Coordinator

Robert C. Mallory
Registered Geologist, No. 7285

REGISTERED GEOLOGIST
ROBERT C. MALLORY
No. 7285
Exp. 01/04
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



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

FIGURE 1

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

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

PROJECT NUMBER
386502

REVIEWED BY

DATE
February 3, 2003

REVISED DATE

FILE NAME: P:\ENVIRO\CHEVRON\9-6607\Q03-9-6607.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	--
	04/03/00	3.60	3.32	--	130[9]	22	<0.50	<0.50	<0.50	550	--
	07/03/00	4.06	2.86	--	180[9]	12	<1.0	<1.0	<1.0	850	--

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	10/02/00[11]	4.03	2.89	--	120[10]	<0.50	<0.50	<0.50	<0.50	520	--
(cont)	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	--
	05/22/02	3.78	3.14	--	350	<0.50	<0.50	<0.50	<1.5	1,100/1,000[12]	--
	08/15/02	4.01	2.91	--	460	<0.50	<0.50	<0.50	<1.5	820/850[12]	--
	11/14/02	3.91	3.01	--	100	<0.50	<0.50	<0.50	<1.5	310/290[12]	--
	02/03/03	**3.71**	**3.21**	**--**	**300**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**650/780[12]**	**--**
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	--
	05/22/02	4.23	3.20	--	86	<0.50	<0.50	<0.50	<1.5	320/300[12]	--
	08/15/02	4.52	2.91	--	66	<0.50	<0.50	<0.50	<1.5	260/290[12]	--
	11/14/02	4.29	3.14	--	<50	<0.50	<0.50	<0.50	<1.5	120/120[12]	--
	02/03/03	**4.10**	**3.33**	--	**80**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**190/200[12]**	--
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	--	--

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		01/11/94	5.22	2.85	--	<50	<0.5	1.0	<0.5	<0.5	--	--
(cont)		03/31/94	4.99	3.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		07/14/94	5.36	2.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
		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	--
		05/22/02	5.03	2.97	SAMPLED ANNUALLY		--	--	--	--	--	--
		08/15/02	5.27	2.73	SAMPLED ANNUALLY		--	--	--	--	--	--
		11/14/02	5.08	2.92	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[12]	--
		02/03/03	**4.88**	**3.12**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**82/88[12]**	**--**

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	--	--	--	--	--	--	--	--
	NP	07/03/00	4.88	2.97	--	--	--	--	--	--	--	--
		10/02/00	4.89	2.96	--	--	--	--	--	--	--	--

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	01/09/01	4.93	2.92	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
(cont)	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	--
	05/22/02	4.64	3.21	SAMPLED ANNUALLY		--	--	--	--	--	--
	08/15/02	4.91	2.94	SAMPLED ANNUALLY		--	--	--	--	--	--
	11/14/02	4.73	3.12	SAMPLED ANNUALLY		--	--	--	--	--	--
	02/03/03	**4.52**	**3.33**	**--**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.5**	**<2.5/<0.5[12]**	**--**
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	--
	05/22/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	08/15/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	11/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	02/03/03	--	--	--	**<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 = Quality Assurance/Trip Blank

* 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.
12 MTBE by EPA Method 8260.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-6607

2340 Otis Drive

Alameda, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-1	05/22/02	<500	<100	1,000	<2	<2	410	<2	<2
	08/15/02	<500	<100	850	<2	<2	290	<2	<2
	11/14/02	<500	<100	290	<2	<2	83	<2	<2
	02/03/03	**<50**	**24**	**780**	**<0.5**	**<0.5**	**240**	**<0.5**	**<0.5**
MW-2	05/22/02	<500	130	300	<2	<2	28	<2	<2
	08/15/02	<500	<100	290	<2	<2	23	<2	<2
	11/14/02	<500	<100	120	<2	<2	7	<2	<2
	02/03/03	**<50**	**55**	**200**	**<0.5**	**<0.5**	**22**	**<0.5**	**<0.5**
MW-3	11/14/02	<500	<100	<2	<2	<2	<2	<2	<2
	02/03/03	**<50**	**<5**	**88**	**<0.5**	**<0.5**	**1**	**<0.5**	**<0.5**
MW-4	**02/03/03**	**<50**	**<5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

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, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable 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 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.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6607 Job Number: 386502
Site Address: 2340 Otis Drive Event Date: 2.3.03 (inclusive)
City: Alameda, CA Sampler: FT

Well ID MW- 1 Date Monitored: 2.3.03 Well Condition: OK

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Well Diameter 4 in.
Total Depth 22.61 ft.
Depth to Water 3.71 ft.
18.90 xVF .66 = 12.47 x3 (case volume) = Estimated Purge Volume: _____ gal.

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump ✓
Suction Pump ✓
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: _____ (2400 hrs)
Time Bailed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Product Transferred to: _____

Start Time (purge): 6:17 Weather Conditions: CLEAR
Sample Time/Date: 6:46 / 2.3.03 Water Color: CLEAR Odor: NO
Purging Flow Rate: 3.0 gpm. Sediment Description:
Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
6:21	12.5	7.97	830	17.5		
6:25	25.0	7.88	880	18.6		
6:34	37.0	7.94	976	18.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 1	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)/ 8 OXYS(8260)

COMMENTS: SLOW RECOVERY LAST CASE VOLUME.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6607 Job Number: 386502
Site Address: 2340 Otis Drive Event Date: 2.3.03 (inclusive)
City: Alameda, CA Sampler: FT

Well ID MW-2 Date Monitored: 2.3.03 Well Condition: OK
Well Diameter 4 in.
Total Depth 23.23 ft.
Depth to Water 4.10 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04.	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

19.13 xVF .66 = 12.62 x3 (case volume) = Estimated Purge Volume: 37.87 gal.

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump ✓
Suction Pump ✓
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 5:36 Weather Conditions: CLEAR
Sample Time/Date: 6:02 / 2.3.03 Water Color: CLEAR Odor: YES
Purging Flow Rate: 3.0 gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
5:40	12.5	8.20	554	17.0		
5:45	25.0	8.21	546	20.4		
5:52	38.0	8.46	549	18.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)/ 8 OXYS(8260)

COMMENTS: SLOW RECOVERY LAST CASE VOLUME.

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6607 Job Number: 386502
Site Address: 2340 Otis Drive Event Date: 2.3.03 (inclusive)
City: Alameda, CA Sampler: FT

Well ID MW- 3 Date Monitored: 2.3.03 Well Condition: O'K'
Well Diameter 4 in.
Total Depth 23.23 ft.
Depth to Water 4.88 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

18.35 xVF .66 = 12.11 x3 (case volume) = Estimated Purge Volume: 36.33 gal.

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump ✓
Suction Pump ✓
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 4:13 Weather Conditions: SUNNY
Sample Time/Date: 4:37 / 2.3.03 Water Color: CLEAR Odor: NO
Purging Flow Rate: 3.0 gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
4:17	12.0	7.94	1523	17.5		
4:21	24.0	7.92	1550	19.1		
4:28	36.0	8.00	1570	18.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 3	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)/ 8 OXYS(8260)

COMMENTS: SLOW RECOVERY LAST CASE VOLUME.

Add/Replaced Lock: Add/Replaced Plug: Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6607 Job Number: 386502
Site Address: 2340 Otis Drive Event Date: 2.3.03 (inclusive)
City: Alameda, CA Sampler: FT

Well ID MW- 4 Date Monitored: 2.3.03 Well Condition: O'K'
Well Diameter 4 in.
Total Depth 19.97 ft.
Depth to Water 4.52 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

15.45 xVF .66 = 10.19 x3 (case volume) = Estimated Purge Volume: 30.59 gal.

Purge Equipment:
Disposable Bailer
Stainless Steel Bailer
Stack Pump ✓
Suction Pump ✓
Grundfos
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Other:

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 4:56 Weather Conditions: SUNNY
Sample Time/Date: 5:28 / 2.3.03 Water Color: CLEAR Odor: NO
Purging Flow Rate: 3.0 gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
4:59	10.0	8.56	1262	16.9		
5:07	20.0	8.42	1146	17.8		
5:15	30.5	8.30	994	18.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 4	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)/ 8 OXYS(8260)

COMMENTS: SLOW RECOVERY LAST TWO CASE VOLUMES

Add/Replaced Lock: Add/Replaced Plug: Size:

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

020503-006

For Lancaster Laboratories use only
Acct. #: 10904 Sample #: 399043L-40 SCR#: gr# 840475

Facility #: 9-6607 Job #386502 Global ID#T0600100316
Site Address: 2340 OTIS DRIVE, ALAMEDA, CA
Chevron PM: KS Lead Consultant: CAMBRIA
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 ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates (8260)	Lead 7420 ☐ 7421 ☐
								Preservation Codes	H	H			H	
QA	2-3-03					W		2	X	X				
MW-1		1846	X					6	X	X			X	
MW-2		1802	X					6	X	X			X	
MW-3		1637	X					6	X	X			X	
MW-4		1728	X					6	X	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

	Relinquished by:	Date	Time	Received by:	Date	Time
1	[signature]	2-3-03		[signature]	2/5/03	1315
2	[signature]	2/5/03	1335	[signature]	2/5/03	1335
3	[signature]	2/5/03	1630	Airborne	2/5/03	
4	Relinquished by Commercial Carrier: UPS FedEx Other Airborne			[signature]	2-6-03	0930
5	Temperature Upon Receipt 3.5°C			Custody Seals Intact? Yes (No)	N/A	

3460 Rev. 7/30/01

Lancaster Laboratories

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583
925-842-8582

FEB 2 6 2003

Prepared by:

GETTLER RYAN INC.

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

SAMPLE GROUP

The sample group for this submittal is 840475. Samples arrived at the laboratory on Thursday, February 06, 2003. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
QA-T-030203	NA	Water	3990436
MW-1-W-030203	Grab	Water	3990437
MW-2-W-030203	Grab	Water	3990438
MW-3-W-030203	Grab	Water	3990439
MW-4-W-030203	Grab	Water	3990440

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

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

Respectfully Submitted,

Robert E. Mellinger
Sr. Chemist/Coordinator

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3990436

Collected:02/03/2003 00:00

Account Number: 10904

Submitted: 02/06/2003 09:15
Reported: 02/25/2003 at 11:39
Discard: 03/28/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

QA-T-030203 NA Water GRD
Facility# 96607 Job# 386502
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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	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	02/06/2003 22:41	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	02/06/2003 22:41	Martha L Seidel	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/06/2003 22:41	Martha L Seidel	n.a.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3990437

Collected:02/03/2003 18:46 by FT

Account Number: 10904

Submitted: 02/06/2003 09:15
Reported: 02/25/2003 at 11:39
Discard: 03/28/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

MW-1-W-030203 Grab Water

San Ramon CA 94583

Facility# 96607 Job# 386502 GRD
2340 Otis Dr-Alameda T0600100316 MW-1

ALAM1

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.	300.	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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	650.	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.					
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	780.	5.	ug/l	10
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	240.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	24.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3990437

Collected:02/03/2003 18:46 by FT

Account Number: 10904

Submitted: 02/06/2003 09:15
Reported: 02/25/2003 at 11:39
Discard: 03/28/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

MW-1-W-030203 Grab Water

San Ramon CA 94583

Facility# 96607 Job# 386502 GRD
2340 Otis Dr-Alameda T0600100316 MW-1

ALAM1

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	02/06/2003 23:47	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	02/06/2003 23:47	Martha L Seidel	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	02/10/2003 07:13	Trent S Sprenkle	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	02/13/2003 15:09	Trent S Sprenkle	10
01146	GC VOA Water Prep	SW-846 5030B	1	02/06/2003 23:47	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/10/2003 07:13	Trent S Sprenkle	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	02/13/2003 15:09	Trent S Sprenkle	n.a.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3990438

Collected:02/03/2003 18:02 by FT

Account Number: 10904

Submitted: 02/06/2003 09:15
Reported: 02/25/2003 at 11:39
Discard: 03/28/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-2-W-030203 Grab Water

Facility# 96607 Job# 386502 GRD
2340 Otis Dr-Alameda T0600100316 MW-2

ALAM2

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.	80.	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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	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.					
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	200.	1.	ug/l	2
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	22.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	55.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3990438

Collected:02/03/2003 18:02 by FT

Account Number: 10904

Submitted: 02/06/2003 09:15
Reported: 02/25/2003 at 11:39
Discard: 03/28/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

MW-2-W-030203 Grab Water

San Ramon CA 94583

Facility# 96607 Job# 386502 GRD
2340 Otis Dr-Alameda T0600100316 MW-2

ALAM2

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	02/07/2003 00:21	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	02/07/2003 00:21	Martha L Seidel	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	02/10/2003 07:44	Trent S Sprenkle	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	02/13/2003 15:40	Trent S Sprenkle	2
01146	GC VOA Water Prep	SW-846 5030B	1	02/07/2003 00:21	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/10/2003 07:44	Trent S Sprenkle	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	02/13/2003 15:40	Trent S Sprenkle	n.a.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3990439

Collected:02/03/2003 16:37 by FT

Account Number: 10904

Submitted: 02/06/2003 09:15
Reported: 02/25/2003 at 11:40
Discard: 03/28/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MW-3-W-030203 Grab Water
Facility# 96607 Job# 386502 GRD
2340 Otis Dr-Alameda T0600100316 MW-3

ALAM3

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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	82.	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.					
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	88.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	1.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3990439

Collected:02/03/2003 16:37 by FT

Account Number: 10904

Submitted: 02/06/2003 09:15
Reported: 02/25/2003 at 11:40
Discard: 03/28/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-3-W-030203 Grab Water

Facility# 96607 Job# 386502 GRD
2340 Otis Dr-Alameda T0600100316 MW-3

ALAM3

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	02/07/2003 00:54	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	02/07/2003 00:54	Martha L Seidel	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	02/12/2003 01:21	Trent S Sprenkle	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/07/2003 00:54	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/12/2003 01:21	Trent S Sprenkle	n.a.

Analysis Report

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3990440

Collected:02/03/2003 17:28 by FT

Account Number: 10904

Submitted: 02/06/2003 09:15
Reported: 02/25/2003 at 11:40
Discard: 03/28/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

MW-4-W-030203 Grab Water

San Ramon CA 94583

Facility# 96607 Job# 386502 GRD
2340 Otis Dr-Alameda T0600100316 MW-4

ALAM4

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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	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.					
01594	BTEX + Oxygenates by 8260B					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 3990440

Collected:02/03/2003 17:28 by FT

Account Number: 10904

Submitted: 02/06/2003 09:15
Reported: 02/25/2003 at 11:40
Discard: 03/28/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-4-W-030203 Grab Water
Facility# 96607 Job# 386502 GRD
2340 Otis Dr-Alameda T0600100316 MW-4

ALAM4

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	02/07/2003 01:28	Martha L Seidel	1
02159	BTEX, MTBE	SW-846 8021B	1	02/07/2003 01:28	Martha L Seidel	1
01594	BTEX + Oxygenates by 8260B	SW-846 8260B	1	02/13/2003 16:11	Trent S Sprenkle	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/07/2003 01:28	Martha L Seidel	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/13/2003 16:11	Trent S Sprenkle	n.a.

Lancaster Laboratories

Quality Control Summary

Client Name: ChevronTexaco Group Number: 840475
Reported: 02/25/03 at 11:40 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: 03036A53B	Sample number(s): 3990436-3990440							
TPH-GRO - Waters	N.D.	50.	ug/l	101	102	70-130	0	30
Benzene	N.D.	.5	ug/l	96	98	80-118	2	30
Toluene	N.D.	.5	ug/l	103	105	82-119	1	30
Ethylbenzene	N.D.	.5	ug/l	94	98	81-119	4	30
Total Xylenes	N.D.	1.5	ug/l	95	99	82-120	4	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	89	92	79-127	3	30
Batch number: P030401AA	Sample number(s): 3990437-3990438							
Ethanol	N.D.	50.	ug/l	83		43-159		
di-Isopropyl ether	N.D.	.5	ug/l	94		74-125		
Ethyl t-butyl ether	N.D.	.5	ug/l	99		74-120		
t-Amyl methyl ether	N.D.	.5	ug/l	103		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	106		53-147		
1,2-Dichloroethane	N.D.	.5	ug/l	108		77-132		
1,2-Dibromoethane	N.D.	.5	ug/l	105		81-114		
Batch number: P030421AA	Sample number(s): 3990439							
Ethanol	N.D.	50.	ug/l	83	79	43-159	5	30
Methyl Tertiary Butyl Ether	N.D.	.5	ug/l	106	107	77-127	1	30
di-Isopropyl ether	N.D.	.5	ug/l	92	92	74-125	0	30
Ethyl t-butyl ether	N.D.	.5	ug/l	97	98	74-120	1	30
t-Amyl methyl ether	N.D.	.5	ug/l	104	103	79-113	1	30
t-Butyl alcohol	N.D.	5.	ug/l	96	93	53-147	3	30
1,2-Dichloroethane	N.D.	.5	ug/l	108	107	77-132	1	30
1,2-Dibromoethane	N.D.	.5	ug/l	105	104	81-114	1	30
Batch number: P030441AA	Sample number(s): 3990437-3990438,3990440							
Ethanol	N.D.	50.	ug/l	87	82	43-159	5	30
Methyl Tertiary Butyl Ether	N.D.	.5	ug/l	110	108	77-127	2	30
di-Isopropyl ether	N.D.	.5	ug/l	92	95	74-125	3	30
Ethyl t-butyl ether	N.D.	.5	ug/l	101	100	74-120	1	30
t-Amyl methyl ether	N.D.	.5	ug/l	110	108	79-113	3	30
t-Butyl alcohol	N.D.	5.	ug/l	95	97	53-147	2	30
1,2-Dichloroethane	N.D.	.5	ug/l	106	110	77-132	4	30
1,2-Dibromoethane	N.D.	.5	ug/l	105	107	81-114	2	30

Sample Matrix Quality Control

MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- 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

Quality Control Summary

Client Name: ChevronTexaco Group Number: 840475

Reported: 02/25/03 at 11:40 AM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: 03036A53B	Sample number(s): 3990436-3990440								
TPH-GRO - Waters	110		70-130						
Benzene	99		67-136						
Toluene	106		78-129						
Ethylbenzene	98		75-133						
Total Xylenes	98		86-132						
Methyl tert-Butyl Ether	90		66-136						
Batch number: P030401AA	Sample number(s): 3990437-3990438								
Ethanol	99	85	34-163	15	30				
di-Isopropyl ether	95	94	75-130	1	30				
Ethyl t-butyl ether	100	98	73-123	2	30				
t-Amyl methyl ether	107	108	77-117	0	30				
t-Butyl alcohol	109	104	39-155	5	30				
1,2-Dichloroethane	110	106	73-136	4	30				
1,2-Dibromoethane	107	106	78-120	1	30				
Batch number: P030421AA	Sample number(s): 3990439								
Ethanol	87	89	34-163	2	30				
Methyl Tertiary Butyl Ether	105	107	69-134	2	30				
di-Isopropyl ether	94	95	75-130	1	30				
Ethyl t-butyl ether	98	98	73-123	0	30				
t-Amyl methyl ether	105	103	77-117	2	30				
t-Butyl alcohol	91	94	39-155	3	30				
1,2-Dichloroethane	106	108	73-136	2	30				
1,2-Dibromoethane	103	103	78-120	0	30				
Batch number: P030441AA	Sample number(s): 3990437-3990438,3990440								
Ethanol	90	95	34-163	6	30				
Methyl Tertiary Butyl Ether	112	113	69-134	1	30				
di-Isopropyl ether	94	96	75-130	3	30				
Ethyl t-butyl ether	101	101	73-123	0	30				
t-Amyl methyl ether	108	105	77-117	3	30				
t-Butyl alcohol	101	103	39-155	2	30				
1,2-Dichloroethane	107	109	73-136	2	30				
1,2-Dibromoethane	107	103	78-120	4	30				

Surrogate Quality Control

Analysis Name: BTEX, MTBE

Batch number: 03036A53B

	Trifluorotoluene-F	Trifluorotoluene-P
3990436	97	96
3990437	101	97

*- 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

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Quality Control Summary

Client Name: ChevronTexaco Group Number: 840475
Reported: 02/25/03 at 11:40 AM

Surrogate Quality Control

3990438	102	96
3990439	96	96
3990440	97	96
Blank	98	100
LCS	99	105
LCSD	100	95
MS	100	100
Limits:	57-146	66-136

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: P030401AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3990437	101	101	102	97
3990438	104	101	102	97
Blank	102	102	101	95
LCS	102	101	102	97
MS	101	97	102	100
MSD	100	104	102	103
Limits:	86-118	80-120	88-110	86-115

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: P030421AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3990439	102	101	101	97
Blank	101	102	100	96
LCS	100	103	99	97
LCSD	102	101	100	98
MS	101	103	101	98
MSD	100	98	100	97
Limits:	86-118	80-120	88-110	86-115

Analysis Name: BTEX + Oxygenates by 8260B
Batch number: P030441AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3990440	102	102	101	97
Blank	102	100	100	95
LCS	102	107	100	97
LCSD	103	102	102	98
MS	103	98	101	98
MSD	103	105	101	97
Limits:	86-118	80-120	88-110	86-115

*- 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.

Lancaster Laboratories

Quality Control Summary

Client Name: ChevronTexaco
Reported: 02/25/03 at 11:40 AM

Group Number: 840475

Surrogate Quality Control

*- 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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