

Environmental Management
Company
6001 Bollinger Canyon Rd, L4050
P.O. Box 6012
San Ramon, CA 94583-2324
Tel 925-842-1589
Fax 925-842-8370

Karen Streich
Project Manager

RO 335

April 1 _____, 2004

ChevronTexaco

Alameda County Health Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Chevron Service Station # 9-6607

Address: 2340 Otis Drive, Alameda, California

I have reviewed the attached routine groundwater monitoring report dated March 15, 2004.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Karen Streich
Project Manager

Enclosure: Report



GETTLER-RYAN INC.

TRANSMITTAL

March 15, 2004
G-R #386502

TO: Mr. Bruce Eppler
Cambria Environmental Technology, Inc.
4111 Citrus Avenue, Unit #9
Rocklin, California 95677

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
MTI: 61D-1970

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 11, 2004	Groundwater Monitoring and Sampling Report First Quarter - Event of February 13, 2004

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 31, 2004**, 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

6747 Sierra Court, Suite J • Dublin, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • Rancho Cordova, CA 95670 • (916) 631-1300 • Fax (916) 631-1317
1364 N. McDowell Blvd., Suite B2 • Petaluma, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



GETTLER-RYAN INC.

March 11, 2004
G-R Job #386502

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

RE: First Quarter Event of February 13, 2004
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.

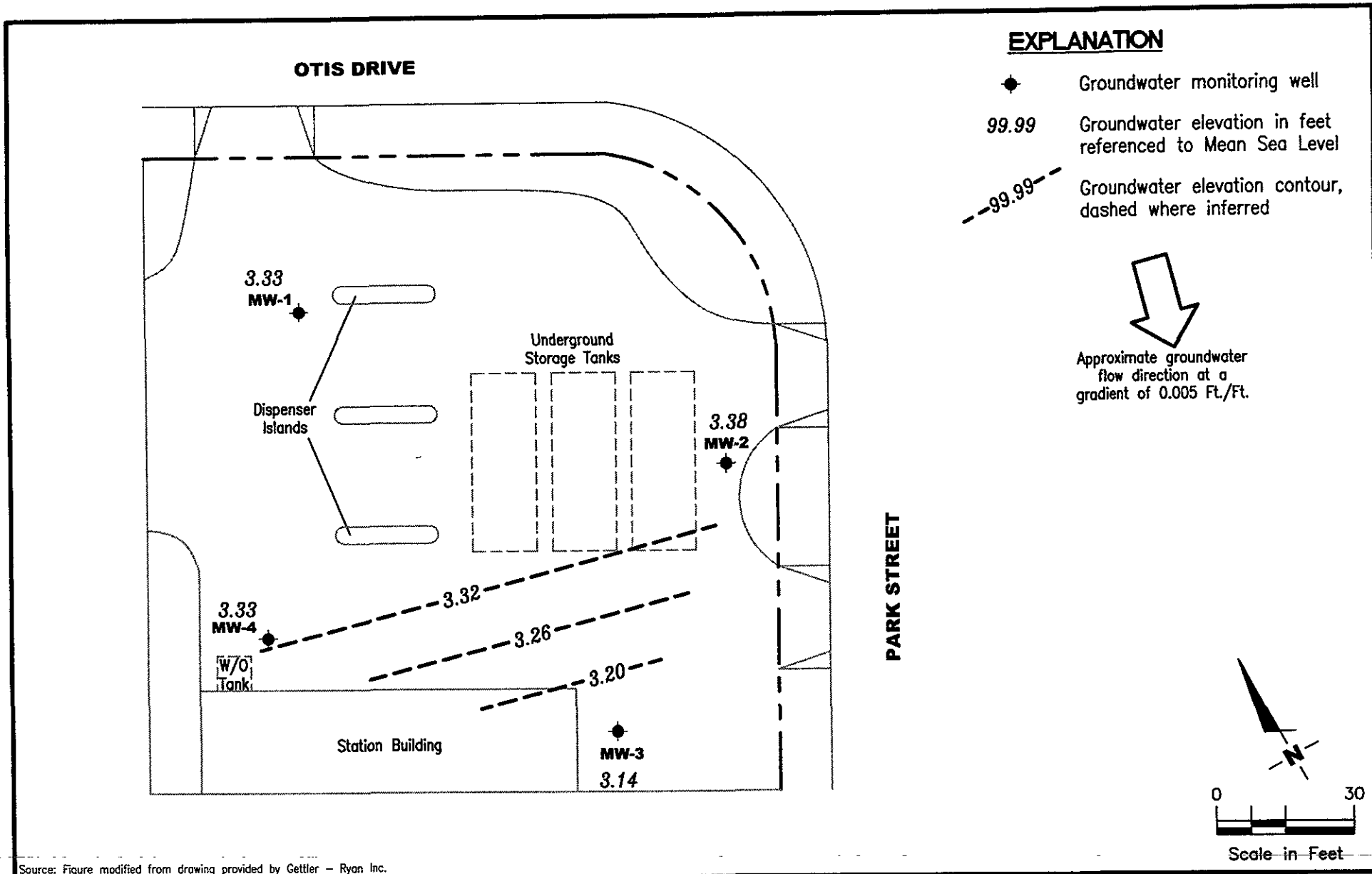
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734



- 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.

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
 386502

REVIEWED BY

DATE
 February 13, 2004

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-1											
08/21/91	7.12	6.10	1.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/09/92	7.12	3.96	3.16	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000
04/20/92	7.12	3.90	3.22	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/25/92	7.12	4.18	2.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/24/92	7.12	4.72	2.40	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/21/93	7.12	3.18	3.94	--	<50	<0.5	0.7	<0.5	1.0	--	--
04/13/93	7.12	3.70	3.42	--	<50	<0.5	<0.5	<0.5	1.0	--	--
07/14/93	7.12	4.21	2.91	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/26/93	7.12	4.28	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/11/94	7.12	4.16	2.96	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/31/94	7.12	3.88	3.24	--	<50	<0.5	0.6	<0.5	0.7	--	--
07/14/94	7.12	3.00	4.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/12/94 ¹	7.12	4.25	2.87	--	80	<0.5	<0.5	<0.5	<0.5	121	--
01/11/95	7.12	3.12	4.00	--	<50	<0.5	<0.5	<0.5	<0.5	130	--
04/05/95 ³	7.12	3.46	3.66	--	<50	<0.5	<0.5	<0.5	<0.5	170	--
07/13/95	7.12	3.99	3.13	--	<125	<1.2	<1.2	<1.2	<1.2	400	--
10/05/95	7.12	4.38	2.74	--	<50	<0.5	2.3	0.66	4.0	300	--
10/03/96	7.12	4.44	2.68	--	<50	0.63	<0.5	<0.5	<0.5	560	--
01/22/97	7.12	3.39	3.73	--	<200	<2.0	<2.0	<2.0	<2.0	530/880 ⁵	--
04/09/97 ⁶	6.92	3.70	3.22	--	<125	<1.2	<1.2	<1.2	<1.2	610	--
07/09/97	6.92	3.87	3.05	--	240	47	<2.0	<2.0	<2.0	990	--
10/16/97	6.92	3.97	2.95	--	250	<2.0	<2.0	<2.0	<2.0	1,000	--
01/08/98	6.92	3.45	3.47	--	<200	<2.0	<2.0	<2.0	<2.0	-- ⁸	--
04/24/98	6.92	3.61	3.31	--	170	20	<0.5	<0.5	<0.5	1,700	--
07/15/98	6.92	3.85	3.07	--	160	58	1.1	<0.5	0.59	1,500/1,600 ⁵	--
10/27/98	6.92	4.12	2.80	--	140	<0.5	<0.5	<0.5	<0.5	1,200	--
01/20/99	6.92	4.48	2.44	--	<250	<2.5	<2.5	<2.5	<2.5	1,330	--
04/19/99	6.92	2.71	4.21	--	150	73	<0.5	<0.5	<0.5	620	--
07/29/99	6.92	3.97	2.95	--	142	<0.5	0.82	<0.5	2.08	824	--
10/25/99	6.92	4.06	2.86	--	<200	<2.0	<2.0	<2.0	<2.0	972	--
01/24/00	6.92	2.89	4.03	--	143	<0.5	<0.5	<0.5	<0.5	1,170	--
04/03/00	6.92	3.60	3.32	--	130 ⁹	22	<0.50	<0.50	<0.50	550	--
07/03/00	6.92	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/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-1 (cont)											
10/02/00 ¹¹	6.92	4.03	2.89	--	120 ¹⁰	<0.50	<0.50	<0.50	<0.50	520	--
01/09/01	6.92	4.07	2.85	--	<250	<2.5	<2.5	<2.5	<2.5	510	--
04/09/01	6.92	3.57	3.35	--	120	<0.500	<2.00	<0.500	<2.00	683	--
08/23/01	6.92	3.90	3.02	--	<50	<0.50	<0.50	<0.50	<0.50	350	--
11/27/01	6.92	3.90	3.02	--	270	<0.50	<0.50	<0.50	<1.5	280	--
02/26/02	6.92	3.51	3.41	--	820	<0.50	<0.50	<0.50	<1.5	1,600	--
05/22/02	6.92	3.78	3.14	--	350	<0.50	<0.50	<0.50	<1.5	1,100/1,000 ¹²	--
08/15/02	6.92	4.01	2.91	--	460	<0.50	<0.50	<0.50	<1.5	820/850 ¹²	--
11/14/02	6.92	3.91	3.01	--	100	<0.50	<0.50	<0.50	<1.5	310/290 ¹²	--
02/03/03	6.92	3.71	3.21	--	300	<0.50	<0.50	<0.50	<1.5	650/780 ¹²	--
05/09/03	6.92	3.95	2.97	--	330	<0.5	<0.5	<0.5	<1.5	810/740 ¹²	--
08/15/03 ¹³	6.92	4.02	2.90	--	51	<0.5	<0.5	<0.5	<0.5	110	--
11/14/03 ¹³	6.92	4.08	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	11	--
02/13/04 ¹³	6.92	3.59	3.33	--	170	<0.5	<0.5	<0.5	<0.5	410	--
MW-2											
08/21/91	7.43	6.40	1.03	--	430	170	0.9	1.0	3.6	--	--
01/09/92	7.43	4.23	3.20	--	58	16	<0.5	<0.5	<0.5	--	<5,000
04/20/92	7.43	4.17	3.26	--	180	9.6	<0.5	0.8	<0.5	--	--
07/25/92	7.43	4.47	2.96	--	220	8.0	0.7	4.0	8.6	--	--
11/24/92	7.43	5.82	1.61	--	72	3.2	<0.5	0.5	0.6	--	--
01/21/93	7.43	3.35	4.08	--	<50	0.8	<0.5	<0.5	<0.5	--	--
04/13/93	7.43	4.02	3.41	--	78	<0.5	<0.5	<0.5	0.6	--	--
07/14/93	7.43	4.49	2.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/26/93	7.43	4.56	2.87	--	<50	<0.5	0.9	<0.5	0.6	--	--
01/11/94	7.43	4.39	3.04	--	<50	<0.5	1.0	<0.5	<0.5	--	--
03/31/94	7.43	4.18	3.25	--	<50	0.5	<0.5	<0.5	0.8	--	--
07/14/94	7.43	4.90	2.53	--	<50	<0.5	<0.5	<0.5	0.6	--	--
10/12/94 ²	7.43	4.54	2.89	--	<50	<0.5	<0.5	<0.5	<0.5	2,900	--
01/11/95	7.43	3.26	4.17	--	<50	<0.5	<0.5	<0.5	<0.5	2,500	--
04/05/95 ³	7.43	3.65	3.78	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
07/13/95	7.43	4.31	3.12	--	<250	<2.5	<2.5	<2.5	<2.5	1,100	--

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

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-2 (cont)											
10/05/95	7.43	4.68	2.75	--	<50	<0.5	1.9	0.54	3.4	280	--
10/03/96	7.43	4.80	2.63	--	<500	<5.0	<5.0	<5.0	<5.0	1,000	--
01/22/97	7.43	3.36	4.07	--	540 ⁷	<5.0	<5.0	<5.0	<5.0	1,300/1,600 ⁵	--
04/09/97	7.43	4.25	3.18	--	<500	<5.0	<5.0	<5.0	<5.0	970	--
07/09/97	7.43	4.48	2.95	--	<125	<1.2	<1.2	<1.2	<1.2	710	--
10/16/97	7.43	4.44	2.99	--	<100	<1.0	<1.0	<1.0	<1.0	1,000	--
01/08/98	7.43	3.79	3.64	--	68	<0.5	<0.5	<0.5	<0.5	-- ⁸	--
04/24/98	7.43	3.95	3.48	--	<50	<0.5	<0.5	<0.5	<0.5	490	--
07/15/98	7.43	4.30	3.13	--	51	1.2	1.2	<0.5	<0.5	480	--
10/27/98	7.43	4.45	2.98	--	<50	<0.5	<0.5	<0.5	<0.5	180	--
01/20/99	7.43	4.21	3.22	--	<50	<0.5	<0.5	<0.5	<0.5	388	--
04/19/99	7.43	4.38	3.05	--	620	13	35	11	78	510	--
07/29/99	7.43	4.49	2.94	--	<50	<0.5	<0.5	<0.5	<0.5	229	--
10/25/99	7.43	4.55	2.88	--	<50	<0.5	<0.5	<0.5	<0.5	314	--
01/24/00	7.43	2.82	4.61	--	<50	<0.5	<0.5	<0.5	<0.5	236	--
04/03/00	7.43	4.05	3.38	--	<50	<0.50	<0.50	<0.50	<0.50	420	--
07/03/00	7.43	4.52	2.91	--	140 ⁹	<0.50	<0.50	<0.50	0.88	1,300	--
10/02/00	7.43	4.55	2.88	--	<1,000	<10	<10	<10	<10	1,300	--
01/09/01	7.43	4.45	2.98	--	<1,000	<10	<10	<10	<10	1,100	--
04/09/01	7.43	3.96	3.47	--	214	<0.500	<2.00	0.512	<2.00	1,770	--
08/23/01	7.43	4.38	3.05	--	130	24	<0.50	<0.50	<0.50	440	--
11/27/01	7.43	4.25	3.18	--	650	<0.50	<0.50	<0.50	<1.5	770	--
02/26/02	7.43	3.98	3.45	--	160	<0.50	<0.50	<0.50	<1.5	470	--
05/22/02	7.43	4.23	3.20	--	86	<0.50	<0.50	<0.50	<1.5	320/300 ¹²	--
08/15/02	7.43	4.52	2.91	--	66	<0.50	<0.50	<0.50	<1.5	260/290 ¹²	--
11/14/02	7.43	4.29	3.14	--	<50	<0.50	<0.50	<0.50	<1.5	120/120 ¹²	--
02/03/03	7.43	4.10	3.33	--	80	<0.50	<0.50	<0.50	<1.5	190/200 ¹²	--
05/09/03	7.43	4.18	3.25	--	94	<0.5	<0.5	<0.5	<1.5	190/150 ¹²	--
08/15/03 ¹³	7.43	4.45	2.98	--	240	<1	<1	<1	<1	740	--
11/14/03 ¹³	7.43	4.51	2.92	--	<50	<0.5	<0.5	<0.5	<0.5	9	--
02/13/04 ¹³	7.43	4.05	3.38	--	<50	<0.5	<0.5	<0.5	<0.5	29	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-3											
08/21/91	8.07	7.10	0.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/09/92	8.07	5.03	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000
04/20/92	8.07	4.91	3.16	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/25/92	8.07	5.34	2.73	--	<50	1.0	1.0	1.0	3.4	--	--
11/24/92	8.07	5.00	3.07	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/21/93	8.07	4.34	3.73	--	<50	<0.5	0.5	<0.5	1.0	--	--
04/13/93	8.07	4.84	3.23	--	<50	<0.5	<0.5	<0.5	0.6	--	--
07/14/93	8.07	5.29	2.78	--	<50	<0.5	<0.5	<0.5	2.0	--	--
10/26/93	8.07	5.36	2.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/11/94	8.07	5.22	2.85	--	<50	<0.5	1.0	<0.5	<0.5	--	--
03/31/94	8.07	4.99	3.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/14/94	8.07	5.36	2.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/12/94	8.07	5.02	3.05	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/11/95	8.07	4.35	3.72	--	<50	<0.5	<0.5	<0.5	0.7	<5.0	--
04/05/95 ³	8.07	2.64	5.43	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
07/13/95	8.07	5.13	2.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/95	8.07	5.46	2.61	--	<50	<0.5	1.2	<0.5	<0.5	--	--
10/03/96	8.07	5.53	2.54	--	<50	0.98	1.2	0.53	2.5	<2.5	--
01/22/97	8.07	4.62	3.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/09/97 ⁶	8.00	5.05	2.95	SAMPLED ANNUALLY			--	--	--	--	--
07/09/97	8.00	5.14	2.86	--	--	--	--	--	--	--	--
10/16/97	8.00	5.20	2.80	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/08/98	8.00	4.75	3.25	--	<50	<0.5	<0.5	<0.5	<0.5	9.3	--
04/24/98	8.00	4.73	3.27	--	--	--	--	--	--	--	--
07/15/98	8.00	5.07	2.93	--	--	--	--	--	--	--	--
10/27/98	8.00	5.24	2.76	--	--	--	--	--	--	--	--
01/20/99	8.00	5.18	2.82	--	<50	<0.5	<0.5	<0.5	<0.5	42.2	--
04/19/99	8.00	4.26	3.74	--	--	--	--	--	--	--	--
07/29/99	8.00	5.18	2.82	--	--	--	--	--	--	--	--
10/25/99	8.00	5.27	2.73	--	--	--	--	--	--	--	--
01/24/00	8.00	4.22	3.78	--	<50	<0.5	<0.5	<0.5	<0.5	71.1	--
04/03/00	8.00	4.90	3.10	--	--	--	--	--	--	--	--
07/03/00	NP	8.00	5.25	2.75	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-3 (cont)											
10/02/00	8.00	5.29	2.71	--	--	--	--	--	--	--	--
01/09/01	8.00	5.27	2.73	--	<50	<0.50	<0.50	<0.50	<0.50	120	--
04/09/01	8.00	4.81	3.19	--	--	--	--	--	--	--	--
08/23/01	8.00	5.24	2.76	--	--	--	--	--	--	--	--
11/27/01	8.00	5.14	2.86	SAMPLED ANNUALLY		--	--	--	--	--	--
02/26/02	8.00	4.78	3.22	--	<50	<0.50	<0.50	<0.50	<1.5	190	--
05/22/02	8.00	5.03	2.97	SAMPLED ANNUALLY		--	--	--	--	--	--
08/15/02	8.00	5.27	2.73	SAMPLED ANNUALLY		--	--	--	--	--	--
11/14/02	8.00	5.08	2.92	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²	--
02/03/03	8.00	4.88	3.12	--	<50	<0.50	<0.50	<0.50	<1.5	82/88 ¹²	--
05/09/03	8.00	5.10	2.90	--	<50	<0.5	<0.5	<0.5	<1.5	150/100 ¹²	--
08/15/03 ¹³	8.00	5.18	2.82	--	<50	<0.5	<0.5	<0.5	<0.5	190	--
11/14/03 ¹³	8.00	5.23	2.77	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	--
02/13/04 ¹³	8.00	4.86	3.14	--	<50	<0.5	<0.5	<0.5	<0.5	36	--
MW-4											
08/21/91	7.85	6.85	1.00	--	<50	0.6	<0.5	<0.5	<0.5	--	<5,000
01/09/92	7.85	4.70	3.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000
04/20/92	7.85	4.64	3.21	--	<50	<0.5	<0.5	<0.5	<0.5	--	<5,000
07/25/92	7.85	4.95	2.90	78	<50	0.5	1.1	<0.5	0.8	--	--
11/24/92	7.85	5.42	2.43	--	<50	<0.5	<0.5	<0.5	1.0	--	<5,000
01/21/93	7.85	4.07	3.78	<10	<50	<0.5	0.5	<0.5	0.7	--	--
04/13/93	7.85	4.45	3.40	<10	<50	<0.5	<0.5	<0.5	1.0	--	--
07/14/93	7.85	4.90	2.95	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/26/93	7.85	4.95	2.90	--	<50	2.0	3.0	2.0	3.0	--	--
01/11/94	7.85	4.77	3.08	--	<50	<0.5	0.5	<0.5	<0.5	--	--
03/31/94	7.85	4.65	3.20	--	<50	<0.5	<0.5	<0.5	1.0	--	--
07/14/94	7.85	5.05	2.80	--	<50	0.9	1.2	<0.5	2.0	--	--
10/12/94	7.85	4.88	2.97	--	<50	<0.5	0.9	<0.5	0.7	--	--
01/11/95	7.85	4.00	3.85	--	<50	<0.5	0.8	0.7	1.5	<5.0	--
04/05/95 ⁴	7.85	4.22	3.63	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	<5,000
07/13/95	7.85	4.71	3.14	--	<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/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-4 (cont)											
10/05/95	7.85	5.02	2.83	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/03/96	7.85	5.08	2.77	--	100	5.5	5.6	2.5	12	<2.5	--
01/22/97	7.85	4.28	3.57	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/09/97	7.85	4.60	3.25	SAMPLED ANNUALLY		--	--	--	--	--	--
07/09/97	7.85	4.79	3.06	--	--	--	--	--	--	--	--
10/16/97	7.85	4.81	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	2.7	--
01/08/98	7.85	4.37	3.48	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/24/98	7.85	4.34	3.51	--	--	--	--	--	--	--	--
07/15/98	7.85	4.46	3.39	--	--	--	--	--	--	--	--
10/27/98	7.85	4.52	3.33	--	--	--	--	--	--	--	--
01/20/99	7.85	4.32	3.53	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
04/19/99	7.85	4.07	3.78	--	--	--	--	--	--	--	--
04/19/99	7.85	4.87	2.98	--	--	--	--	--	--	--	--
10/25/99	7.85	4.90	2.95	--	--	--	--	--	--	--	--
01/24/00	7.85	4.32	3.53	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/03/00	7.85	4.38	3.47	--	--	--	--	--	--	--	--
07/03/00	NP	4.88	2.97	--	--	--	--	--	--	--	--
10/02/00	7.85	4.89	2.96	--	--	--	--	--	--	--	--
01/09/01	7.85	4.93	2.92	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
04/09/01	7.85	4.48	3.37	--	--	--	--	--	--	--	--
08/23/01	7.85	4.85	3.00	--	--	--	--	--	--	--	--
11/27/01	7.85	4.80	3.05	SAMPLED ANNUALLY		--	--	--	--	--	--
02/26/02	7.85	4.40	3.45	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/22/02	7.85	4.64	3.21	SAMPLED ANNUALLY		--	--	--	--	--	--
08/15/02	7.85	4.91	2.94	SAMPLED ANNUALLY		--	--	--	--	--	--
11/14/02	7.85	4.73	3.12	SAMPLED ANNUALLY		--	--	--	--	--	--
02/03/03	7.85	4.52	3.33	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 ¹²	--
05/09/03	7.85	4.75	3.10	SAMPLED ANNUALLY		--	--	--	--	--	--
08/15/03	7.85	4.82	3.03	SAMPLED ANNUALLY		--	--	--	--	--	--
11/14/03	7.85	4.85	3.00	SAMPLED ANNUALLY		--	--	--	--	--	--
02/13/04 ¹³	7.85	4.52	3.33	--	<50	<0.5	<0.5	<0.5	<0.5	4	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
TRIP BLANK											
TB-LB											
01/21/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
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	--
07/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
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	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-6607
 2340 Otis Drive
 Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
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	--
05/09/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/15/03 ¹³	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/14/03 ¹³	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/13/04 ¹³	--	--	--	--	<50	<0.5	<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

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.

¹³ BTEX and 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
	05/09/03	<50	44	740	<0.5	<0.5	220	<0.5	<0.5
	08/15/03	<50	20	110	<0.5	<0.5	10	<0.5	<0.5
	11/14/03	<50	<5	11	<0.5	<0.5	0.8	<0.5	<0.5
	02/13/04	<50	23	410	<0.5	<0.5	120	<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
	05/09/03	<50	38	150	<0.5	<0.5	15	<0.5	<0.5
	08/15/03	<100	<10	740	<1	<1	200	<1	<1
	11/14/03	<50	<5	9	<0.5	<0.5	<0.5	<0.5	<0.5
	02/13/04	<50	11	29	<0.5	<0.5	2	<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
	05/09/03	<50	<5	100	<0.5	<0.5	2	<0.5	<0.5
	08/15/03	<50	<5	190	<0.5	<0.5	4	<0.5	<0.5
	11/14/03	<50	<5	0.6	<0.5	<0.5	<0.5	<0.5	<0.5
	02/13/04	<50	<5	36	<0.5	<0.5	0.5	<0.5	<0.5
MW-4	02/03/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/09/03	SAMPLED ANNUALLY		--	--	--	--	--	--
	02/13/04	<50	<5	4	<0.5	<0.5	1	<0.5	<0.5

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

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
-- = Not Analyzed

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: 2-13-04 (inclusive)
 City: Alameda, CA Sampler: See

Well ID: MW-1 Date Monitored: 2-13-04 Well Condition: OK

Well Diameter: 4 in.
 Total Depth: 22.92 ft.
 Depth to Water: 3.59 ft.
19.33

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

xVF 0.66 = 1276 x3 (case volume) = Estimated Purge Volume: 38 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:	<u>0</u> 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): 1544 Weather Conditions: Overcast
 Sample Time/Date: 1620 12-13-04 Water Color: Clear Odor: none
 Purging Flow Rate: 1.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm) ¹⁰⁰⁰	Temperature (C)	D.O. (mg/L)	ORP (mV)
<u>1555</u>	<u>12</u>	<u>7.07</u>	<u>1.75</u>	<u>69.2</u>	_____	_____
<u>1602</u>	<u>25</u>	<u>7.10</u>	<u>1.70</u>	<u>69.0</u>	_____	_____
<u>1609</u>	<u>38</u>	<u>7.07</u>	<u>1.69</u>	<u>68.8</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

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

COMMENTS:

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: 2-13-04 (inclusive)
 City: Alameda, CA Sampler: Joe

Well ID: MW-2 Date Monitored: 2-13-04 Well Condition: OK

Well Diameter: 4 in.

Total Depth: 23.51 ft.

Depth to Water: 4.05 ft.

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

19.46 x VF 0.66 = 12.84 x3 (case volume) = Estimated Purge Volume: 3.9 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: 0 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): 1707 Weather Conditions: Overcast
 Sample Time/Date: 1745 12-13-04 Water Color: clear Odor: none
 Purging Flow Rate: 1.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1720</u>	<u>13</u>	<u>7.16</u>	<u>1.21</u>	<u>69.9</u>	_____	_____
<u>1728</u>	<u>26</u>	<u>7.19</u>	<u>1.30</u>	<u>70.0</u>	_____	_____
<u>1735</u>	<u>39</u>	<u>7.22</u>	<u>1.25</u>	<u>69.3</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6607
 Site Address: 2340 Otis Drive
 City: Alameda, CA

Job Number: 386502
 Event Date: 2-13-04 (inclusive)
 Sampler: Soc

Well ID: MW-3
 Well Diameter: 4 in.
 Total Depth: 23.56 ft.
 Depth to Water: 4.86 ft.
18.70

Date Monitored: 2-13-04 Well Condition: o.k.

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

xVF 0.66 = 12.34 x3 (case volume) = Estimated Purge Volume: 37 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: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1627 Weather Conditions: Overcast
 Sample Time/Date: 1700 12-13-04 Water Color: clear Odor: none
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm) ¹⁰⁵⁰	Temperature (C)	D.O. (mg/L)	ORP (mV)
<u>1635</u>	<u>12</u>	<u>7.14</u>	<u>1.91</u>	<u>68.0</u>		
<u>1641</u>	<u>25</u>	<u>7.20</u>	<u>2.01</u>	<u>68.3</u>		
<u>1650</u>	<u>37</u>	<u>7.17</u>	<u>1.90</u>	<u>68.1</u>		

LABORATORY INFORMATION

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

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-6607
 Site Address: 2340 Otis Drive
 City: Alameda, CA

Job Number: 386502
 Event Date: 2-13-04 (inclusive)
 Sampler: 50c

Well ID: MW-4
 Well Diameter: 4 in.
 Total Depth: 20.29 ft.
 Depth to Water: 4.52 ft.
15.77

Date Monitored: 2-13-04 Well Condition: o.k.

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

$xVF = 0.66 = 10.41 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 31 \text{ gal.}$

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: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1300 Weather Conditions: Overcast
 Sample Time/Date: 1335 12-13-04 Water Color: Clear Odor: None
 Purging Flow Rate: 1.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm) ¹⁰⁵⁰	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1512</u>	<u>10</u>	<u>7.40</u>	<u>1.42</u>	<u>69.0</u>	_____	_____
<u>1518</u>	<u>20</u>	<u>7.61</u>	<u>1.40</u>	<u>68.2</u>	_____	_____
<u>1524</u>	<u>31</u>	<u>7.62</u>	<u>1.36</u>	<u>68.8</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____

Chevron California Region Analysis Request/Chain of Custody



021704-10

Acct. #: 10904

For Lancaster Laboratories use only
Sample #: 4218077-81

SCR#:

Group # 885054

Cambria MTI Project #: 61D-1970

Facility #: SS#9-6607 G-R#386502 Global ID#T0600100316
 Site Address: 2340 OTIS DRIVE, ALAMEDA, CA
 Chevron PM: Mgmt. Transfer Initiative Lead Consultant: CAMBRIA
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: JOE AJEMIAN
 Service Order #: Non SAR:

Matrix	Analyses Requested										
	Preservation Codes										
<input type="checkbox"/> Potable <input type="checkbox"/> MPOES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air <input type="checkbox"/> Composite	Total Number of Containers	BTX + MTBE 8260 <input checked="" type="checkbox"/> 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenator (P260)	Lead 7420	<input type="checkbox"/> 7421			

Preservative Codes
 H = HCl T = Thioculfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ 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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Composite	BTX + MTBE 8260 <input checked="" type="checkbox"/> 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenator (P260)	Lead 7420	<input type="checkbox"/> 7421
QA	-	-	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
MW-1	2-13-04	1620								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
MW-2		1745								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
MW-3		1700								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
MW-4		1535	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)

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

Data Package Options (please circle if required)

QC Summary Type I - Full
 Type VI (Raw Data) Coeff Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>[Signature]</u>	Date: 2-14-04	Time: 1200	Received by: <u>[Signature]</u>	Date: 2/17/04	Time: 1320
Relinquished by: <u>[Signature]</u>	Date: 2/17/04	Time: 1320	Received by: <u>[Signature]</u>	Date: 2/17/04	Time: 1320
Relinquished by: <u>[Signature]</u>	Date: 2/17/04	Time: 1500	Received by: <u>[Signature]</u>	Date: 2/17/04	Time: 1500
Relinquished by Commercial Carrier: UPS	FedEx		Other: <u>Airborne</u>	Received by: <u>[Signature]</u>	Date: 2/18/04
Temperature Upon Receipt: 15.24 °C			Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco c/o Cambria
Suite 9
4111 Citrus Avenue
Rocklin CA 95677
916-630-1855

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425**SAMPLE GROUP**

The sample group for this submittal is 885054. Samples arrived at the laboratory on Wednesday, February 18, 2004. The PO# for this group is 99011184 and the release number is MTI.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-040213	NA	Water	4218077
MW-1-W-040213	Grab	Water	4218078
MW-2-W-040213	Grab	Water	4218079
MW-3-W-040213	Grab	Water	4218080
MW-4-W-040213	Grab	Water	4218081

1 COPY TO Cambria C/O Gettler- Ryan
ELECTRONIC Gettler-Ryan
COPY TO

Attn: Deanna L. Harding
Attn: Cheryl Hansen

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

Respectfully Submitted,



Victoria M. Martell
Chemist

Lancaster Laboratories Sample No. WW 4218077

 QA-T-040213 NA Water
 Facility# 96607 Job# 386502 MTI# 61D-1970 GRD
 2340 Otis Dr. Alameda T0600100316 QA
 Collected: 02/13/2004 00:00

Account Number: 10904

 Submitted: 02/18/2004 09:15
 Reported: 02/26/2004 at 09:46
 Discard: 03/28/2004

 ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

OTISQ

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	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.						
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	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
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/19/2004 22:10	Michael F Barrow	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	02/25/2004 13:41	Carrie J McCullough	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/19/2004 22:10	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/25/2004 13:41	Carrie J McCullough	n.a.

Lancaster Laboratories Sample No. WW 4218078

 MW-1-W-040213 Grab Water
 Facility# 96607 Job# 386502 MTI# 61D-1970 GRD
 2340 Otis Dr. Alameda T0600100316 MW-1
 Collected: 02/13/2004 16:20 by JA

Account Number: 10904

 Submitted: 02/18/2004 09:15
 Reported: 02/26/2004 at 09:46
 Discard: 03/28/2004

 ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

OTIS1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	170.		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.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	410.		3.	ug/l	5
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	120.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	23.		5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/19/2004	22:43	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/20/2004	20:58	Carrie J McCullough	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/20/2004	21:21	Carrie J McCullough	5
01146	GC VOA Water Prep	SW-846 5030B	1	02/19/2004	22:43	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/20/2004	20:58	Carrie J McCullough	n.a.

Lancaster Laboratories Sample No. WW 4218079

 MW-2-W-040213 Grab Water
 Facility# 96607 Job# 386502 MTI# 61D-1970 GRD
 2340 Otis Dr. Alameda T0600100316 MW-2
 Collected: 02/13/2004 17:45 by JA

Account Number: 10904

 Submitted: 02/18/2004 09:15
 Reported: 02/26/2004 at 09:46
 Discard: 03/28/2004

 ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

OTIS2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	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.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	29.	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	2.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	11.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	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
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/19/2004 23:16	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/20/2004 21:45	Carrie J McCullough	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/19/2004 23:16	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/20/2004 21:45	Carrie J McCullough	n.a.

Lancaster Laboratories Sample No. WW 4218080

 MW-3-W-040213 Grab Water
 Facility# 96607 Job# 386502 MFI# 61D-1970 GRD
 2340 Otis Dr. Alameda T0600100316 MW-3
 Collected: 02/13/2004 17:00 by JA

Account Number: 10904

 Submitted: 02/18/2004 09:15
 Reported: 02/26/2004 at 09:46
 Discard: 03/28/2004

 ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

OTIS3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	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.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	36.	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	0.5	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	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
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/20/2004 00:55	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/20/2004 22:10	Carrie J McCullough	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2004 00:55	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/20/2004 22:10	Carrie J McCullough	n.a.

Lancaster Laboratories Sample No. WW 4218081

 MW-4-W-040213 Grab Water
 Facility# 96607 Job# 386502 MTI# 61D-1970 GRD
 2340 Otis Dr. Alameda T0600100316 MW-4
 Collected: 02/13/2004 15:35 by JA

Account Number: 10904

 Submitted: 02/18/2004 09:15
 Reported: 02/26/2004 at 09:46
 Discard: 03/28/2004

 ChevronTexaco c/o Cambria
 Suite 9
 4111 Citrus Avenue
 Rocklin CA 95677

OTIS4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	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.						
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	4.	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
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/20/2004 01:27	Michael F Barrow	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	02/20/2004 18:09	Carrie J McCullough	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/20/2004 01:27	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/20/2004 18:09	Carrie J McCullough	n.a.

Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria
 Reported: 02/26/04 at 09:46 AM

Group Number: 885054

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 04050A07B TPH-GRO - Waters	N.D.	50.	ug/l	85	88	70-130	3	30
Sample number(s): 4218077-4218079								
Batch number: 04050A07C TPH-GRO - Waters	N.D.	50.	ug/l	85	88	70-130	3	30
Sample number(s): 4218080-4218081								
Batch number: P040511AA Ethanol	N.D.	50.	ug/l	95		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	86		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	98		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	92		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	90		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	87		57-141		
Benzene	N.D.	0.5	ug/l	94		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	83		77-132		
Toluene	N.D.	0.5	ug/l	92		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	87		81-114		
Ethylbenzene	N.D.	0.5	ug/l	91		82-119		
Xylene (Total)	N.D.	0.5	ug/l	91		84-120		
Sample number(s): 4218077								
Batch number: P040561AA Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	94		77-127		
Benzene	N.D.	0.5	ug/l	95		85-117		
Toluene	N.D.	0.5	ug/l	96		85-115		
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	96		84-120		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 04050A07B TPH-GRO - Waters	97		63-154						
Sample number(s): 4218077-4218079									
Batch number: 04050A07C TPH-GRO - Waters	97		63-154						
Sample number(s): 4218080-4218081									
Batch number: P040511AA Ethanol	106	110	41-155	4				30	
Methyl Tertiary Butyl Ether	88	91	69-134	3				30	
di-Isopropyl ether	100	101	75-130	1				30	
Ethyl t-butyl ether	95	96	78-119	2				30	
t-Amyl methyl ether	91	95	77-117	5				30	
t-Butyl alcohol	98	99	51-147	1				30	
Benzene	99	101	83-128	2				30	
1,2-Dichloroethane	84	85	73-136	2				30	
Toluene	99	100	83-127	1				30	
1,2-Dibromoethane	91	89	78-120	1				30	
Ethylbenzene	97	97	82-129	0				30	
Xylene (Total)	97	97	82-130	1				30	
Sample number(s): 4218077									
Batch number: P040561AA									

*- 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.

Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria
 Reported: 02/26/04 at 09:46 AM

Group Number: 885054

Sample Matrix Quality Control

Analysis Name	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD Max
	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD
Methyl Tertiary Butyl Ether	96	96	69-134	0	30			
Benzene	101	101	83-128	0	30			
Toluene	103	99	83-127	4	30			
Ethylbenzene	103	101	82-129	1	30			
Xylene (Total)	103	101	82-130	1	30			

Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters
 Batch number: 04050A07B
 Trifluorotoluene-F

4218077	73
4218078	74
4218079	74
Blank	73
LCS	91
LCS D	92
MS	95

Limits: 57-146

 Analysis Name: TPH-GRO - Waters
 Batch number: 04050A07C
 Trifluorotoluene-F

4218080	74
4218081	73
Blank	72
LCS	91
LCS D	92
MS	95

Limits: 57-146

 Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
 Batch number: P040511AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4218078	90	86	95	89
4218079	90	83	94	88
4218080	90	85	94	87
4218081	91	84	93	87
Blank	91	85	94	89
LCS	92	83	94	88
MS	90	84	94	89
MSD	91	85	93	89

Limits: 81-120

82-112

85-112

83-113

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: P040561AA

*- 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.

Quality Control Summary

Client Name: ChevronTexaco c/o Cambria
Reported: 02/26/04 at 09:46 AM

Group Number: 885054

	Surrogate Quality Control			
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4218077	98	97	99	95
Blank	96	96	99	95
LCS	97	96	99	96
MS	96	94	99	95
MSD	98	97	98	95
Limits:	81-120	82-112	85-112	83-113

*- 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.

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value - The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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