

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

December 31, 2003

RO 330

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 December 11, 2003.

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

December 11, 2003

G-R #386502

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

CC: Ms. Karen Streich
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	December 10, 2003	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of November 14, 2003

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **December 30, 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

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.

December 10, 2003
G-R Job #386502

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

RE: Fourth Quarter Event of November 14, 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.

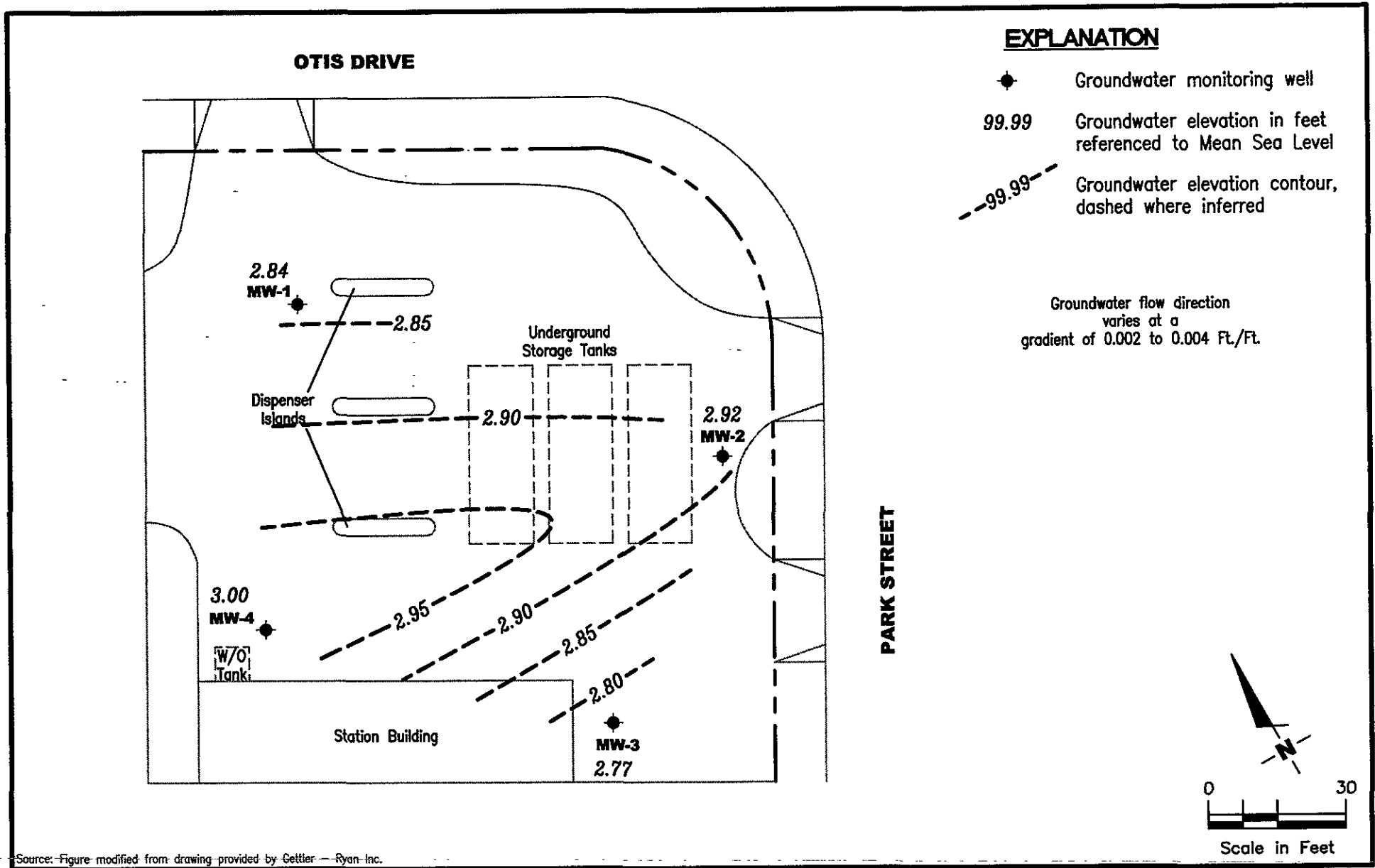
Sincerely,

Deanna L. Harding
Project Coordinator

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



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
November 14, 2003

REVISED DATE

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 (cont)	10/02/00 ¹¹	4.03	2.89	--	120 ¹⁰	<0.50	<0.50	<0.50	<0.50	520	--
	01/09/01	4.07	2.85	--	<250	<2.5	<2.5	<2.5	<2.5	510	--
	04/09/01	3.57	3.35	--	120	<0.500	<2.00	<0.500	<2.00	683	--
	08/23/01	3.90	3.02	--	<50	<0.50	<0.50	<0.50	<0.50	350	--
	11/27/01	3.90	3.02	--	270	<0.50	<0.50	<0.50	<1.5	280	--
	02/26/02	3.51	3.41	--	820	<0.50	<0.50	<0.50	<1.5	1,600	--
	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	--
	05/09/03	3.95	2.97	--	330	<0.5	<0.5	<0.5	<1.5	810/740 ¹²	--
	08/15/03 ¹³	4.02	2.90	--	51	<0.5	<0.5	<0.5	<0.5	110	--
	11/14/03 ¹³	4.08	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	11	--
	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	--	

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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	01/22/97	3.36	4.07	--	540 ⁷	<5.0	<5.0	<5.0	<5.0	1,300/1,600 ⁵	--
(cont)	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	--
	10/16/97	4.44	2.99	--	<100	<1.0	<1.0	<1.0	<1.0	1,000	--
	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	--
	05/09/03	4.18	3.25	--	94	<0.5	<0.5	<0.5	<1.5	190/150 ¹²	--
	08/15/03 ¹³	4.45	2.98	--	240	<1	<1	<1	<1	740	--
	11/14/03 ¹³	4.51	2.92	--	<50	<0.5	<0.5	<0.5	<0.5	9	--
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	--	--

Table 1
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Chevron Service Station #9-6607
2340 Otis Drive
Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-3	07/25/92	5.34	2.73	--	<50	1.0	1.0	1.0	3.4	--	--
(cont)	11/24/92	5.00	3.07	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	01/21/93	4.34	3.73	--	<50	<0.5	0.5	<0.5	1.0	--	--
	04/13/93	4.84	3.23	--	<50	<0.5	<0.5	<0.5	0.6	--	--
	07/14/93	5.29	2.78	--	<50	<0.5	<0.5	<0.5	2.0	--	--
	10/26/93	5.36	2.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	01/11/94	5.22	2.85	--	<50	<0.5	1.0	<0.5	<0.5	--	--
	03/31/94	4.99	3.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
	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	--	--	--	--	--	--	--	--

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	11/27/01	5.14	2.86	SAMPLED ANNUALLY		--	--	--	--	--	--
(cont)	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	--
	05/09/03	5.10	2.90	--	<50	<0.5	<0.5	<0.5	<1.5	150/100 ¹²	--
	08/15/03 ¹³	5.18	2.82	--	<50	<0.5	<0.5	<0.5	<0.5	190	--
	11/14/03 ¹³	5.23	2.77	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	--
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	--

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	04/24/98	4.34	3.51	--	--	--	--	--	--	--	--
(cont)	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	--	--	--	--	--	--	--	--
	01/09/01	4.93	2.92	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
	04/09/01	4.48	3.37	--	--	--	--	--	--	--	--
	08/23/01	4.85	3.00	--	--	--	--	--	--	--	--
	11/27/01	4.80	3.05	SAMPLED ANNUALLY		--	--	--	--	--	--
	02/26/02	4.40	3.45	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	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	--
	05/09/03	4.75	3.10	SAMPLED ANNUALLY		--	--	--	--	--	--
	08/15/03	4.82	3.03	SAMPLED ANNUALLY		--	--	--	--	--	--
	11/14/03	4.85	3.00	SAMPLED ANNUALLY		--	--	--	--	--	--
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	--	--

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 (mst)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
TB-LB	04/05/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
(cont)	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	--
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	--

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
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
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
MW-4	02/03/03	<50	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	05/09/03	SAMPLED ANNUALLY		--	--	--	--	--	--

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: 11-14-03 (inclusive)
 City: Alameda, CA Sampler: Joe

Well ID: MW-1 Date Monitored: 11-14-03 Well Condition: O.K.
 Well Diameter: 4 in.
 Total Depth: 22.92 ft.
 Depth to Water: 4.08 ft.
18.84 xVF 0.66 = 12.43 x3 (case volume) = Estimated Purge Volume: 37 gal.

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

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): 1230 Weather Conditions: overcast
 Sample Time/Date: 1305 11-14-03 Water Color: clear Odor: _____
 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>1241</u>	<u>12</u>	<u>7.0</u>	<u>1.20</u>	<u>69.8</u>	_____	_____
<u>1245</u>	<u>25</u>	<u>7.17</u>	<u>0.99</u>	<u>70.2</u>	_____	_____
<u>1249</u>	<u>37</u>	<u>7.24</u>	<u>0.91</u>	<u>70.1</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: 11-14-03 (inclusive)
 City: Alameda, CA Sampler: Joe

Well ID: MW-2 Date Monitored: 11-14-03 Well Condition: O.K.
 Well Diameter: 4 in.
 Total Depth: 23.51 ft.
 Depth to Water: 4.51 ft.
19.00 x VF 0.66 = 12.54 x3 (case volume) = Estimated Purge Volume: 38 gal.

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

Purge Equipment:
 Disposable Bailor _____
 Stainless Steel Bailor _____
 Stack Pump _____
 Suction Pump / _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailor / _____
 Pressure Bailor _____
 Discrete Bailor _____
 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): 1406 Weather Conditions: Overcast
 Sample Time/Date: 1425 11-14-03 Water Color: clear Odor: _____
 Purging Flow Rate: 2.5 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm) x 10 ⁰	Temperature (C/E)	D.O. (mg/L)	ORP (mV)
<u>1420</u>	<u>12</u>	<u>6.87</u>	<u>4.04</u>	<u>71.2</u>	_____	_____
<u>1425</u>	<u>26</u>	<u>7.23</u>	<u>4.19</u>	<u>70.5</u>	_____	_____
<u>1430</u>	<u>38</u>	<u>7.30</u>	<u>4.66</u>	<u>70.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</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: 11-14-03 (inclusive)
 City: Alameda, CA Sampler: Joc

Well ID: MW-3 Date Monitored: 11-14-03 Well Condition: OK
 Well Diameter: 4 in.
 Total Depth: 23.56 ft.
 Depth to Water: 5.23 ft.
18.33 xVF 0.66 = 12.10 x3 (case volume) = Estimated Purge Volume: 26 gal.

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

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): 1315 Weather Conditions: Overcast
 Sample Time/Date: 1352+11-14-03 Water Color: clear Odor: _____
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm) ^{x100}	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1326</u>	<u>12</u>	<u>7.57</u>	<u>5.07</u>	<u>71.0</u>		
<u>1330</u>	<u>24</u>	<u>7.32</u>	<u>4.56</u>	<u>70.2</u>		
<u>1335</u>	<u>26</u>	<u>7.31</u>	<u>4.50</u>	<u>70.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</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: 11-14-03 (inclusive)
 City: Alameda, CA Sampler: 302

Well ID: MW-4 Date Monitored: 11-14-03 Well Condition: o.k
 Well Diameter: 4 in.
 Total Depth: 20.29 ft.
 Depth to Water: 4.85 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

xVF _____ = _____ 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 / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ 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)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

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

COMMENTS: M. only

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

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

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

The sample group for this submittal is 875315. Samples arrived at the laboratory on Tuesday, November 18, 2003. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-031114	NA Water	4166713
MW-1-W-031114	Grab Water	4166714
MW-2-W-031114	Grab Water	4166715
MW-3-W-031114	Grab Water	4166716

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,



Michele M. Turner
Manager

Lancaster Laboratories Sample No. **WW 4166713**

 QA-T-031114 NA Water
 Facility# 96607 Job# 386502 GRD
 2340 Otis Dr Alameda T0600100316 QA
 Collected: 11/14/2003 00:00

Account Number: 10904

 Submitted: 11/18/2003 10:10
 Reported: 11/24/2003 at 09:49
 Discard: 12/25/2003

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

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		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/19/2003	12:03	K. Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/21/2003	10:01	Lauren C Marzario	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/19/2003	12:03	K. Robert Caulfeild-James	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/21/2003	10:01	Lauren C Marzario	n.a.

Lancaster Laboratories Sample No. WW 4166714
MW-1-W-031114 **Grab** **Water**
Facility# 96607 **Job# 386502** **GRD**
2340 Otis Dr Alameda **T0600100316** **MW-1**
Collected: 11/14/2003 13:05 **by JA**

Account Number: 10904

 Submitted: 11/18/2003 10:10
 Reported: 11/24/2003 at 09:49
 Discard: 12/25/2003

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OTIS1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
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	11.		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	0.8		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	11/19/2003 18:09	K. Robert Caulfeild-James	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/20/2003 02:37	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/19/2003 18:09	K. Robert Caulfeild-James	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2003 02:37	Elizabeth M Taylor	n.a.

Lancaster Laboratories Sample No. **WW 4166715**

 MW-2-W-031114 Grab Water
 Facility# 96607 Job# 386502 GRD
 2340 Otis Dr Alameda T0600100316 MW-2
 Collected: 11/14/2003 14:45 by JA

Account Number: 10904

 Submitted: 11/18/2003 10:10
 Reported: 11/24/2003 at 09:49
 Discard: 12/25/2003

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

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	9.	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
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	11/19/2003 18:39	K. Robert Caulfeild-James	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/20/2003 03:04	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/19/2003 18:39	K. Robert Caulfeild-James	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2003 03:04	Elizabeth M Taylor	n.a.



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2881 • www.lancasterlabs.com

Lancaster Laboratories Sample No. WW 4166716

MW-3-W-031114 Grab Water
Facility# 96607 Job# 386502 GRD
2340 Otis Dr Alameda T0600100316 MW-3
Collected: 11/14/2003 13:52 by JA

Account Number: 10904

Submitted: 11/18/2003 10:10
Reported: 11/24/2003 at 09:49
Discard: 12/25/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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	0.6	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
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	11/19/2003 19:10	K. Robert Caulfeild-James	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	11/20/2003 03:32	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/19/2003 19:10	K. Robert Caulfeild-James	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2003 03:32	Elizabeth M Taylor	n.a.

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 11/24/03 at 09:49 AM

Group Number: 875315

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: 03323A16A TPH-GRO - Waters	N.D.	50.	ug/l	107	103	70-130	4	30
Sample number(s): 4166713-4166716								
Batch number: P033233AA Ethanol	N.D.	50.	ug/l	96		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	87		74-125		
Ethyl t-butyl ether	N.D.	0.5	ug/l	92		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	98		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	91		53-147		
Benzene	N.D.	0.5	ug/l	100		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	94		77-132		
Toluene	N.D.	0.5	ug/l	97		85-115		
1,2-Dibromoethane	N.D.	0.5	ug/l	95		81-114		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	99		84-120		
Sample number(s): 4166714-4166716								
Batch number: P033252AA Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	86		77-127		
Benzene	N.D.	0.5	ug/l	90		85-117		
Toluene	N.D.	0.5	ug/l	90		85-115		
Ethylbenzene	N.D.	0.5	ug/l	90		82-119		
Xylene (Total)	N.D.	0.5	ug/l	92		84-120		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Dup RPD</u>	<u>Max</u>
Batch number: 03323A16A TPH-GRO - Waters	103		63-154							
Sample number(s): 4166713-4166716										
Batch number: P033233AA Ethanol	96	96	38-149	0	30					
Methyl Tertiary Butyl Ether	96	97	69-134	1	30					
di-Isopropyl ether	89	89	75-130	0	30					
Ethyl t-butyl ether	93	94	78-119	0	30					
t-Amyl methyl ether	96	98	77-117	3	30					
t-Butyl alcohol	92	92	44-150	0	30					
Benzene	105	107	83-128	2	30					
1,2-Dichloroethane	95	96	73-136	1	30					
Toluene	103	103	83-127	0	30					
1,2-Dibromoethane	97	96	78-120	1	30					
Ethylbenzene	103	103	82-129	0	30					
Xylene (Total)	105	105	82-130	0	30					
Sample number(s): 4166714-4166716										
Batch number: P033252AA Methyl Tertiary Butyl Ether	90	86	69-134	3	30					
Benzene	96	94	83-128	2	30					
Toluene	98	92	83-127	6	30					
Ethylbenzene	97	93	82-129	4	30					
Xylene (Total)	100	95	82-130	5	30					

*- Outside of specification

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

Quality Control Summary

Client Name: ChevronTexaco
Reported: 11/24/03 at 09:49 AM

Group Number: 875315

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 03323A16A
Trifluorotoluene-F

4166713	114
4166714	116
4166715	116
4166716	116
Blank	112
LCS	116
LCSD	115
MS	122

Limits: 57-146

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P033233AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4166714	96	90	99	87
4166715	96	90	99	87
4166716	96	90	98	90
Blank	98	89	99	88
LCS	97	89	98	89
MS	97	90	98	89
MSD	98	89	98	89

Limits: 81-120

82-112

85-112

83-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: P033252AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4166713	95	93	98	90
Blank	95	93	99	89
LCS	95	91	98	92
MS	96	93	98	92
MSD	96	91	99	91

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 limit of quantitation, 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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