Ro 56

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

February 11, 2004 (4 CLH)

ChevronTexaco

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

Re: Chevron Service Station # 211283

Address: 3810 Broadway, Oakland, California

I have reviewed the attached routine groundwater monitoring report dated January 27, 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

January 27, 2004
G-R #386956

TO: Ms. Kristene Wilder
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: Former Texaco Service Station
3810 Broadway
Oakland, California
(Site #211283)

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	January 19, 2004	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of December 22, 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 ***February 10, 2004,*** at which time the final report will be distributed to the following:

cc: Mr. Don Hwang, Alameda County Health Care Services Agency, Environmental Protection Div., 1131 Harbor Bay Pkwy., Suite 250, Alameda, CA 94502-6577
Mr. Joe Zadik, 8255 San Leandro Street, Oakland, CA 94621

Enclosures

Trans/211283-ks

GETTLER-RYAN INC.

January 19, 2004
G-R Job #386956

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

RE: Fourth Quarter Event of December 22, 2003
Groundwater Monitoring & Sampling Report
Former Texaco Service Station
3810 Broadway
Oakland, California
(Site #211283)

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,

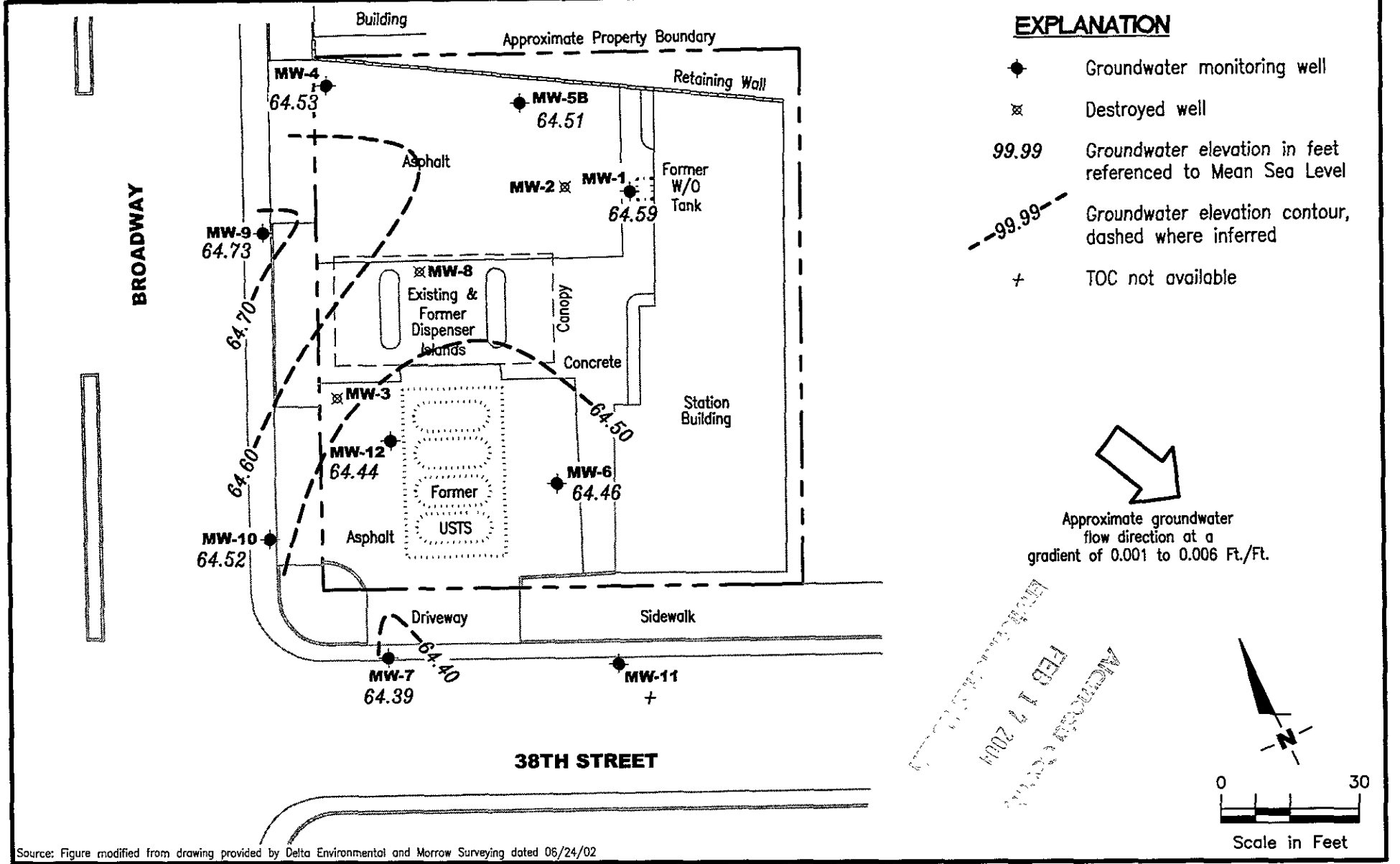
Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734

REGISTERED PROFESSIONAL ENGINEER
HAGOP KEVORK
No. C 55734
Exp. 12/31/04
CIVIL
STATE OF CALIFORNIA

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

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



Source: Figure modified from drawing provided by Delta Environmental and Morrow Surveying dated 06/24/02

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

POTENTIOMETRIC MAP
Former Texaco Service Station
3810 Broadway
Oakland, California (Site #211283)

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386956		December 22, 2003	

FILE NAME: P:\ENVIRO\TEXACO\211283\Q03-211283.DWG | Layout Tab: Pot4

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-1												
86.69	06/28/96	21.77	64.92	--	<50	<100	<0.5	<1.0	<1.0	<2.0	--	--
	10/10/96	23.26	63.43	--	<400	520	9.2	53	17	70	22	16[1]
	11/07/96	23.27	63.42	--	--	--	--	--	--	--	--	--
	12/18/97	19.70	66.99	--	<50	2,200	<3.0	<3.0	<3.0	<3.0	<200	--
	04/06/98	16.88	69.81	--	<50	1,600	16.4	0.8	<0.5	<0.5	38.3	--
	06/18/98	19.78	66.91	--	280	330	7.8	<0.5	<0.5	<0.5	<0.5	--
	08/31/98	21.71	64.98	--	150	<50	1.5	<0.5	<0.5	<0.5	<2.5	--
	12/21/98	22.15	64.54	--	130	130	2.3	0.90	<0.5	<0.5	110	13
	03/24/99	19.55	67.14	--	305	1,520	11.7	<2.50	<2.50	<2.50	21.6	<25.0
	06/25/99	21.60	65.09	--	207	231	5.29	<0.500	<0.500	<0.500	3.94	1.01
	09/24/99	22.58	64.11	--	71.7	58.6	6.03	<0.500	<0.500	<0.500	3.70	--
	12/29/99	22.81	63.88	--	345	117	4.26	<0.500	<0.500	1.97	26.2	<0.500
	03/21/00	19.00	67.69	--	319	834	<0.500	<0.500	<0.500	<0.500	21.5	--
	07/26/00	21.50	65.19	--	125	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
	09/06/00	21.90	64.79	--	192	88.1	15.60	<0.500	<0.500	<0.500	--	--
86.92	11/29/00	22.05	64.87	--	331	<50.0	3.52	<0.500	<0.500	<0.500	--	--
	03/06/01	19.79	67.13	--	--	--	--	--	--	--	--	--
	03/23/01	20.15	66.77	--	--[5]	204	10.7	<0.500	<0.500	<0.500	--	--
	06/19/01[6]	21.78	65.14	--	330	<50	<0.50	<0.50	<0.50	<0.50	--	0.87
	09/05/01[6]	24.37	62.55	--	400	74	<0.50	0.63	<0.50	2.7	--	<5.0
	12/20/01[6]	20.25	66.67	--	530	59	1.7	<0.50	<0.50	<0.50	--	<5.0
86.69	06/25/02	21.64	65.05	0.00	490[9]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	09/18/02	22.44	64.25	0.00	180	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	12/19/02	21.49	65.20	0.00	320	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	03/20/03	20.92	65.77	0.00	UNABLE TO SAMPLE - BEND IN WELL				--	--	--	--
	06/23/03[10]	21.34	65.35	0.00	310	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	09/22/03[10,11]	22.46	64.23	0.00	150	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	12/22/03[10,11]	**22.10**	**64.59**	**0.00**	**350**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-2												
85.83	06/28/96	22.10	63.73	1.35	--	--	--	--	--	--	--	--
	10/10/96	22.36	63.47	--	1,800	99,000	4,100	9,400	2,300	9,900	390	<25[1]
	11/07/96	22.39	63.45**	0.01	--	--	--	--	--	--	--	--
	12/18/97	20.19	65.64	--	4,700	24,000	600	1,800	750	2,400	<2,000	--
	04/06/98	18.00	67.83	--	9.5	20,100	252	448	430	1,410	<200	--
	06/18/98	19.63	66.20	--	5,200	20,000	240	370	270	790	<50	--
	08/31/98	21.01	64.82	--	19,000	72,000	270	990	630	1,700	<125	--
	12/21/98	21.31	64.52	--	13,000	290	8.7	18	9.7	38	10	29
	03/24/99	19.18	66.65	--	5,590	80,400	651	1,860	1,120	3,730	<40.0	<100
	06/25/99	20.78	65.05	--	12,100	34,700	504	1,300	716	2,160	<40.0	--
	09/24/99	21.82	64.01	--	108	6,510	1,030	350	183	680	<50.0	--
	12/29/99	22.17	63.90**	0.30	--	--	--	--	--	--	--	--
	01/07/00	22.84	63.30**	0.39	--	--	--	--	--	--	--	--
--[3]	03/21/00	18.19	--	--	41,100	54,100	1,260	3,320	2,180	8,200	<1,250	--
	DESTROYED											
MW-3												
83.18	06/28/96	19.04	64.14	--	--	--	--	--	--	--	--	--
	10/10/96	19.51	63.67	--	1,200	110,000	6,600	16,000	2,200	12,000	<250	--
	11/07/96	19.40	63.78	--	--	--	--	--	--	--	--	--
	12/18/97	18.79	64.39	--	6,100,000	180,000	1,500	16,000	4,600	23,000	<3,000	--
	04/06/98	16.58	66.64	0.05	--	--	--	--	--	--	--	--
	06/18/98	--	--	>2.0[2]	--	--	--	--	--	--	--	--
	08/31/98	19.56	63.68	0.07	--	--	--	--	--	--	--	--
	12/21/98	20.23	65.13	2.73	--	--	--	--	--	--	--	--
	03/24/99	16.76	67.11	0.86	--	--	--	--	--	--	--	--
	06/25/99	18.47	64.95	0.30	--	--	--	--	--	--	--	--
	09/24/99	19.43	63.81	0.08	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-3	12/29/99	19.25	63.96	0.04	--	--	--	--	--	--	--	--
(cont)	01/07/00	19.87	63.37	0.07	--	--	--	--	--	--	--	--
	DESTROYED											
MW-4												
83.31	06/28/96	18.83	64.48	--	<50	<100	<0.5	<1.0	<1.0	<2.0	--	--
	10/10/96	19.84	63.47	--	<50	650	3.9	65	22	120	<5.0	--
	11/07/96	19.84	63.47	--	--	--	--	--	--	--	--	--
	12/18/97	17.77	65.54	--	2,000	<50	<0.5	<0.5	<0.5	<0.5	<30	--
	04/06/98	15.45	67.86	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--
	06/18/98	16.89	66.42	--	53	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	08/31/98	18.48	64.83	--	60	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	12/21/98	18.80	64.51	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	03/24/99	16.70	66.61	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--
	06/25/99	18.16	65.15	--	128	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--
	09/24/99	19.12	64.19	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
	12/29/99	19.08	64.23	--	169	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
	03/21/00	16.10	67.21	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
	07/26/00	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--
	09/06/00	18.52	64.79	--	--[5]	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
83.63	11/29/00	18.75	64.88	--	183	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	03/06/01	17.81	65.82	--	50.9	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	06/19/01[6]	18.55	65.08	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50
	09/05/01[6]	19.10	64.53	--	710	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0
	12/20/01[6]	17.55	66.08	--	460	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0
83.31	06/25/02	18.39	64.92	0.00	250	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	09/18/02	19.16	64.15	0.00	160	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	12/19/02	18.14	65.17	0.00	56	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	03/20/03	17.76	65.55	0.00	180	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-4	06/23/03[10]	18.13	65.18	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
(cont)	09/22/03[10,11]	19.08	64.23	0.00	110	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	12/22/03[10,11]	**18.78**	**64.53**	**0.00**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**
MW-5												
85.41	10/10/96	21.93	63.48	--	<50	1,800	34	4.7	11	44	21	5.0[1]
	11/07/96	21.96	63.45	--	--	--	--	--	--	--	--	--
	12/18/97	19.81	65.60	--	<50	1,200	15	<1.0	15	<1.0	72	--
	04/06/98	17.43	67.98	--	<50	1,000	126	0.5	0.8	1.5	<30	--
	06/18/98	19.15	66.26	--	100	110	6.9	<0.5	<0.5	<0.5	<0.5	--
	08/31/98	20.46	64.95	--	120	480	5.3	<2.5	<2.5	<2.5	<12	--
	12/21/98	20.91	64.50	--	100	270	16	2.9	1.3	<1.0	34	<2.0
	03/24/99	18.74	66.67	--	93.3	143	2.80	<0.500	0.749	<0.500	<2.00	<5.00
	06/25/99	20.31	65.10	--	125	847	6.61	<0.500	0.611	<0.500	2.69	<2.00
	09/24/99	21.36	64.05	--	94.0	563	6.00	<2.50	<2.50	<2.50	25.1	--
	12/29/99	21.41	64.00	--	173	896	16.6	1.48	8.92	2.67	61.1	<0.500
	03/21/00	18.13	67.28	--	158	858	53.7	<1.00	21.4	8.00	11.6	--
	07/26/00	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--
	09/06/00	20.33	65.08	--	231	670	153	<2.50	7.87	<2.50	--	--
85.13	11/29/00	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--
	03/06/01	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--
	06/19/01	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--
	09/05/01	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--
	12/02/01	OBSTRUCTION IN WELL			--	--	--	--	--	--	--	--
	NOT MONITORED/SAMPLED											
MW-5B												
85.36	06/25/02[7]	20.48	64.88	0.00	320	660	89	1.9	39	11	130	--
	09/18/02	21.18	64.18	0.00	480	1,100	220	1.2	19	<1.5	35	--
	12/19/02	20.36	65.00	0.00	330	<50	<0.50	<0.50	<0.50	<1.5	190	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-5B	03/20/03	INACCESSIBLE - VEHICLE OVER WELL				--	--	--	--	--	--	--
(cont)	06/23/03[10]	20.18	65.18	0.00	300	<50	<0.5	<0.5	<0.5	<0.5	--	290
	09/22/03[10,11]	21.19	64.17	0.00	200	91	19	<0.5	3	<0.5	--	260
	12/22/03[10,11]	**20.85**	**64.51**	**0.00**	**410**	**99**	**18**	**<0.5**	**<0.5**	**<0.5**	**--**	**52**
MW-6												
86.09	10/10/96	22.44	63.65	--	500	45,000	8,300	2,900	810	3,100	190	40[1]
	11/07/96	22.60	63.49	--	--	--	--	--	--	--	--	--
	12/18/97	22.28	63.81	--	1,900	60,000	12,000	9,800	1,800	8,600	<2,000	--
	04/06/98	19.90	66.19	--	<50	30,500	5,950	3,720	952	3,750	<1,000	--
	06/18/98	20.49	65.60	--	1,100	23,000	2,600	540	410	1,300	<250	--
	08/31/98	21.05	65.04	--	1,800	17,000	3,400	460	530	1,800	<250	--
	12/21/98	21.74	64.35	--	930	7,900	1,900	510	280	730	150	2.6
	03/24/99	21.18	64.91	--	763	12,200	1,970	327	338	794	<40.0	<50.0
	06/25/99	21.34	64.75	--	1,050	14,800	2,040	1,080	406	1,430	<40.0	--
	09/24/99	22.28	63.81	--	1,720	17,200	2,810	1,330	489	2,340	<50.0	--
	12/29/99	24.96	61.13	--	1,480	14,700	2,790	974	469	1,720	<500	--
	03/21/00	18.70	67.39	--	1,120	20,000	4,160	962	719	2,330	<250	--
	07/26/00	INACCESSIBLE		--	--	--	--	--	--	--	--	--
	09/06/00	INACCESSIBLE		--	--	--	--	--	--	--	--	--
86.48	11/29/00	21.30	65.18	--	2,060	22,800	4,120	2,010	872	3,180	--	--
	03/06/01	19.05	67.43	--	2,220	32,100	3,760	4,590	1,160	5,360	--	--
	06/19/01[6]	21.11	65.37	--	<1,500	40,000	2,800	6,000	1,200	5,300	--	<25
	09/05/01[6]	21.37	65.11	--	<1,000	18,000	3,800	800	730	1,400	--	<200
	12/20/01[6]	19.80	66.68	--	<1,300	29,000	2,600	3,700	1,100	4,100	--	<100
86.09	06/25/02	21.13	64.96	0.00	2,500	21,000	2,200	1,800	850	2,100	<100	--
	09/18/02	22.00	64.09	0.00	1,300	13,000	1,700	480	610	970	110	--
	12/19/02	20.98	65.11	0.00	2,700	20,000	2,900	620	770	2,100	<20	--
	03/20/03	20.23	65.86	0.00	2,600	23,000	1,500	2,200	920	3,400	<100	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-6	06/23/03[10]	20.96	65.13	0.00	2,400	21,000	2,000	1,400	890	2,500	--	6
(cont)	09/22/03[10,11]	21.95	64.14	0.00	1,800	7,400	920	220	360	580	--	5
	12/22/03[10,11]	**21.63**	**64.46**	**0.00**	**2,300**	**9,700**	**1,700**	**240**	**450**	**1,000**	**--**	**6**
MW-7												
84.11	10/10/96	20.78	63.33	--	<50	<50	0.6	<0.5	<0.5	<0.5	<5.0	--
	11/07/96	20.80	63.31	--	--	--	--	--	--	--	--	--
	12/18/97	17.27	66.84	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--
	04/06/98	15.91	68.20	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--
	06/18/98	17.95	66.16	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	08/31/98	19.40	64.71	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	12/21/98	19.75	64.36	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	03/24/99	17.54	66.57	--	51.3	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--
	06/25/99	19.22	64.89	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--
	09/24/99	20.18	63.93	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
	12/29/99	20.15	63.96	--	99.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
	03/21/00	16.35	67.76	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
	07/26/00	18.99	65.12	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
	09/06/00	19.49	64.62	--	--[5]	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
84.44	11/29/00	19.52	64.92	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	03/06/01	17.15	67.29	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	06/19/01[6]	19.30	65.14	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50
	09/05/01[6]	20.22	64.22	--	<50	<50	0.64	0.84	0.94	5.2	--	<5.0
	12/20/01[6]	17.85	66.59	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0
84.11	06/25/02	19.30	64.81	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	09/18/02	20.10	64.01	0.00	170	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	12/19/02	18.73	65.38	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	03/20/03	18.86	65.25	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	06/23/03[10]	19.00	65.11	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	09/22/03[10,11]	20.05	64.06	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	12/22/03[10,11]	**19.72**	**64.39**	**0.00**	**72**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-8												
84.01	10/10/96	20.82	63.19	--	110	17,000	1,300	1,200	64	1,300	110	<5.0[1]
	11/07/96	20.44	63.57	--	--	--	--	--	--	--	--	--
	12/18/97	19.36	64.65	--	630	15,000	3,600	1,800	410	930	<600	--
	04/06/98	16.19	67.82	--	<50	32,300	8,230	5,900	718	2,120	<1,000	--
	06/18/98	17.75	66.26	--	<50	74,000	5,400	4,500	700	2,200	2,400	--
	08/31/98	INACCESSIBLE		--	--	--	--	--	--	--	--	--
	12/21/98	19.48	64.53	--	1,200	9,600	2,600	410	220	300	700	<2.0
	03/24/99	17.44	66.57	--	2,890	86,100	9,890	11,700	1,650	7,130	<200	<250
	06/25/99	20.69	63.40**	0.10	--	--	--	--	--	--	--	--
	07/01/99	20.45	65.07**	1.89	--	--	--	--	--	--	--	--
	09/24/99	20.98	64.25**	1.53	--	--	--	--	--	--	--	--
	12/29/99	20.25	63.97**	0.26	--	--	--	--	--	--	--	--
	01/07/00	21.00	63.33**	0.40	--	--	--	--	--	--	--	--
	DESTROYED											
MW-9												
82.17	10/10/96	18.62	63.55	--	520	80	2.5	13	2.2	13	<5.0	--
	11/07/96	63.53	18.64	--	--	--	--	--	--	--	--	--
	12/18/97	16.42	65.75	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--
	04/06/98	14.00	68.17	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<30	--
	06/18/98	15.33	66.84	--	100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
	08/31/98	17.14	65.03	--	57	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	12/21/98	17.40	64.77	--	71	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
	03/24/99	16.22	65.95	--	84.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--
	06/25/99	16.90	65.27	--	92.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--
	09/24/99	17.89	64.28	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
	12/29/99	18.01	64.16	--	52.8	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
	03/21/00	14.80	67.37	--	72.4	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)
3810 Broadway
Oakland, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-9	07/26/00	17.17	65.00	--	83.6	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
(cont)	09/06/00	17.95	64.22	--	74.3	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
82.52	11/29/00	18.10	64.42	--	96.2	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	03/06/01	16.75	65.77	--	94.2	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	06/19/01[6]	17.83	64.69	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50
	09/05/01[6]	17.98	64.54	--	<50	<50	<0.50	<0.50	<0.50	1.6	--	<5.0
	12/20/01[6]	16.85	65.67	--	84	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0
82.17	06/25/02	17.12	65.05	0.00	100	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	09/18/02	17.76	64.41	0.00	170	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	12/19/02	16.83	65.34	0.00	73	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	03/20/03	16.61	65.56	0.00	87	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	06/23/03[10]	17.14	65.03	0.00	<50	<50	<0.5	<0.5	<0.5	<0.5	--	0.7
	09/22/03[10,11]	17.72	64.45	0.00	66	<50	<0.5	<0.5	<0.5	<0.5	--	0.7
	12/22/03[10,11]	**17.44**	**64.73**	**0.00**	**94**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**0.7**
MW-10												
81.83	10/10/96	18.40	63.43	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
	11/07/96	18.43	63.40	--	--	--	--	--	--	--	--	--
	12/18/97	16.18	65.65	--	<50	350	6.9	0.87	0.88	0.77	<30	--
	04/06/98	14.39	67.44	--	<50	2,300	224	168	81.4	253	<30	--
	06/18/98	15.11	66.72	--	320	7,200	310	210	83	280	<0.5	--
	08/31/98	17.03	64.80	--	120	460	51	8.2	5.1	10	<5.0	--
	12/21/98	17.32	64.51	--	79	120	5.5	<1.0	<1.0	<1.0	8.7	<2.0
	03/24/99	15.25	66.58	--	923	1,330	85.9	42.9	29.7	95.2	20.4	<25.0
	06/25/99	16.82	65.01	--	167	1,130	115	32.6	17.2	36.3	<4.00	--
	09/24/99	17.75	64.08	--	76.7	382	20.0	<1.00	2.21	1.37	8.83	--
	12/29/99	18.13	63.70	--	107	114	9.03	<0.500	0.531	<0.500	<5.00	--
	03/21/00	14.22	67.61	--	194	1,270	86.3	52.3	38.1	102	19.5	--
	07/26/00	16.61	65.22	--	192	562	74.8	7.51	24.3	14.8	13.3	<1.00[4]
	09/06/00	17.08	64.75	--	205	606	93.4	5.36	16.7	38.9	--	--
82.16	11/29/00	16.90	65.26	--	258	583	40.0	1.46	4.69	15.8	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-10	03/06/01	14.80	67.36	--	199	837	34.2	26.4	20.8	27.5	--	--
(cont)	06/19/01[6]	16.85	65.31	--	<50	400	47	2.6	8.8	17	--	0.60
	09/05/01[6]	17.87	64.29	--	<100	230	20	<0.50	1.2	5.3	--	<5.0
	12/20/01[6]	15.54	66.62	--	110	300	13	2.5	1.7	4.6	--	<5.0
81.83	06/25/02	16.93	64.90	0.00	180	810	180	3.2	17	8.0	<2.5	--
	09/18/02	17.68	64.15	0.00	200	260	24	<2.0	2.5	5.0	2.9	--
	12/19/02	16.36	65.47	0.00	86	360	25	0.60	<0.50	1.5	<5.0	--
	03/20/03	16.32	65.51	0.00	200	620	21	5.3	6.0	13	<10	--
	06/23/03[10]	16.57	65.26	0.00	290	1,500	170	23	40	93	--	0.7
	09/22/03[10,11]	17.60	64.23	0.00	180	480	48	3	7	17	--	0.8
	12/22/03[10,11]	**17.31**	**64.52**	**0.00**	**120**	**230**	**7**	**<0.5**	**<0.5**	**1**	**--**	**0.9**
MW-11												
	08/08/00	25.61	--	--	--	--	--	--	--	--	--	--
	08/16/00	25.50	--	--	56.80	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	09/06/00	25.90	--	--	--[5]	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
90.63	11/29/00	25.80	64.83	--	63.8	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	03/06/01	23.32	67.31	--	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	--	--
	06/19/01[6]	25.57	65.06	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<0.50
	09/05/01[6]	26.42	64.21	--	<50	<50	<0.50	<0.50	<0.50	0.68	--	<5.0
	12/20/01[6]	24.27	66.36	--	<50	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0
--[8]	06/25/02	25.51	--[8]	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	09/18/02	26.31	--[8]	0.00	80	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	12/19/02	25.08	--[8]	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	03/20/03	24.87	--[8]	0.00	<50	<50	<0.50	0.51	<0.50	<1.5	<2.5	--
	06/23/03[10]	25.21	--[8]	0.00	140	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	09/22/03[10,11]	26.26	--[8]	0.00	52	<50	<0.5	<0.5	<0.5	<0.5	--	1
	12/22/03[10,11]	**25.97**	--[8]	**0.00**	**69**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**2**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE by 8020 (ppb)	MTBE by 8260 (ppb)
MW-12												
84.19	06/25/02[7]	18.65	65.54	0.00	410	1,000	340	8.2	16	8.3	11	--
	09/18/02	19.67	64.52	0.00	230	130	52	<0.50	<0.50	<1.5	9.8	--
	12/19/02	18.67	65.52	0.00	450	<50	11	<0.50	<0.50	<1.5	<2.5	--
	03/20/03	17.97	66.22	0.00	300	280	120	1.9	11	<1.5	2.6	--
	06/23/03[10]	18.27	65.92	0.00	400	400	130	4	1	0.7	--	14
	09/22/03[10,11]	19.52	64.67	0.00	270	<50	9	<0.5	<0.5	<0.5	--	9
	12/22/03[10,11]	**19.75**	**64.44**	**0.00**	**130**	**720**	**130**	**29**	**10**	**46**	**--**	**2**
TRIP BLANK												
QA	06/25/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	09/18/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	12/19/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	03/20/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
	06/23/03[10]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	09/22/03[10]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5
	12/22/03[10]	**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**<0.5**

Table 1

Groundwater Monitoring Data and Analytical Results

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 25, 2002, were compiled from reports prepared by Toxichem Management Systems, Inc.

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
(msl) = Mean Sea Level
SPH = Separate-phase hydrocarbons
SPHT = Separate-phase hydrocarbon thickness
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
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed June 24, 2002, by Morrow Surveying, and are based on City of Oakland Benchmark.

** GWE corrected for the presence of SPH; correction factor = [(TOC - DTW)+(0.80 x SPHT)].

1 MTBE confirmed by EPA Method 8240.
2 Free product could not be accurately measured.
3 TOC altered.
4 Analyzed outside EPA recommended hold time.
5 Sample containers broken during transport to laboratory.
6 TPH-G and BTEX analyzed by EPA Method 8260.
7 Well development performed.
8 MW-11 was inaccessible during the re-surveying. TOC was not measured.
9 Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.
10 BTEX analyzed by EPA Method 8260.
11 Ethanol was reported as <50 ppb.

Table 2

Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID	DATE	D.O. Before Purging (mg/L)	ORP Before Purging (mV)	D.O. Mid-Purging (mg/L)	ORP Mid-Purging (mV)	D.O. After Purging (mg/L)	ORP After Purging (mV)
MW-2	09/24/99	1.00	--	--	--	0.80	--
	12/29/99	2.60	--	--	--	--	--
	03/21/00	3.30	--	--	--	3.60	--
MW-6	09/24/99	1.00	--	--	--	1.20	--
	12/29/99	1.30	--	--	--	1.50	--
	03/21/00	3.00	--	--	--	4.30	--
	11/29/00	2.00	--	--	--	1.80	--
	03/06/01	3.70	--	--	--	4.00	--
	06/19/01	3.00	--	--	--	3.40	--
	09/05/01	10.40	--	--	--	10.80	--
	12/20/01	1.30	--	--	--	1.50	--
	06/25/02	1.00	--	0.60	--	0.40	--
	09/18/02	0.60	58	0.90	69	1.00	72
	12/19/02	1.20	71	--	--	1.10	79
	03/20/03	0.40	-93	--	--	1.60	-87
	06/23/03	0.90	64	--	--	1.20	78
	09/22/03	1.10	70	--	--	1.30	76
	12/22/03	**0.90**	**68**	--	--	**1.00**	**70**
MW-7	09/24/99	1.40	--	--	--	1.60	--
	12/29/99	2.30	--	--	--	1.80	--
	03/21/00	5.80	--	--	--	9.00	--
	07/26/00	6.00	--	--	--	6.60	--
	09/06/00	4.30	--	--	--	5.00	--
	11/29/00	4.00	--	--	--	3.70	--
	03/06/01	4.70	--	--	--	5.10	--
	06/19/01	3.80	--	--	--	4.20	--
	09/05/01	6.70	--	--	--	7.10	--
	12/20/01	4.90	--	--	--	5.00	--
	06/25/02	1.00	--	1.40	--	1.30	--
	09/18/02	1.80	112	1.90	98	2.10	102
	12/19/02	1.30	121	--	--	1.60	110
	03/20/03	2.60	129	--	--	2.70	152
	06/23/03	1.70	122	--	--	1.90	140
	09/22/03	1.40	92	--	--	1.70	124
	12/22/03	**1.50**	**98**	--	--	**1.60**	**114**
MW-9	09/24/99	1.00	--	--	--	1.20	--
	12/29/99	3.30	--	--	--	2.70	--
	03/21/00	3.20	--	--	--	7.30	--
	07/26/00	3.60	--	--	--	1.80	--
	09/06/00	3.80	--	--	--	4.00	--
	11/29/00	2.00	--	--	--	2.00	--
	03/06/01	4.00	--	--	--	4.90	--

Table 2

Field Measurements

Former Texaco Service Station (Site #211283)

3810 Broadway

Oakland, California

WELL ID	DATE	D.O. Before Purging *(mg/L)*	ORP Before Purging *(mV)*	D.O. Mid-Purging *(mg/L)*	ORP Mid-Purging *(mV)*	D.O. After Purging *(mg/L)*	ORP After Purging *(mV)*
MW-9	06/19/01	3.40	--	--	--	4.00	--
(cont)	09/05/01	2.70	--	--	--	2.00	--
	12/20/01	2.20	--	--	--	2.20	--
	06/25/02	0.90	--	1.00	--	1.20	--
	09/18/02	1.40	138	1.00	110	0.90	95
	12/19/02	1.80	126	--	--	1.10	98
	03/20/03	0.10	206	--	--	1.10	193
	06/23/03	1.20	146	--	--	1.00	138
	09/22/03	1.10	126	--	--	1.00	130
	12/22/03	**1.30**	**134**	--	--	**1.20**	**142**

EXPLANATIONS:

Dissolved oxygen concentrations prior to June 25, 2002, were compiled from reports prepared by Toxichem Management Systems, Inc.

D.O. = Dissolved Oxygen
mg/L = milligrams per liter
ORP = Oxidation Reduction Potential
(mV) = Millivolts
-- = Not Measured

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 #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12/22/07 (inclusive)
City: Oakland, CA Sampler: G.R

Well ID MW-1 Date Monitored: 12/22/07 Well Condition: OK
Well Diameter 2 in.
Total Depth 29.93 ft.
Depth to Water 22.10 ft.
7.83 xVF 0.17 = 1.33 x3 (case volume) = Estimated Purge Volume: 4 gal.

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

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

Sampling Equipment:
Disposable Bailer (PIN) ✓
Pressure Bailer
Discrete Bailer
Other:

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

Start Time (purge): 1300 Weather Conditions: Overcast
Sample Time/Date: 1340 / 12/22/07 Water Color: Clear Odor: No
Purging Flow Rate: ~1.0 gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1311	1	7.22	943	20.4	Pre:	Pre:
1315	2.5	7.17	931	20.8		
1318	4	7.16	933	20.9		
					Post:	Post:

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-1	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS: Bailed in casing w/ new poly + twine w/ check valve
Sampled w/ pin bailer

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12/22/03 (inclusive)
City: Oakland, CA Sampler: G. Dar

Well ID MW-4 Date Monitored: 12/22/03 Well Condition: OK
Well Diameter 2 in.
Total Depth 28.60 ft.
Depth to Water 18.78 ft.
9.82 xVF 0.17 = 1.66 x3 (case volume) = Estimated Purge Volume: 5 gal.

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

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): 0810 Weather Conditions: Overcast
Sample Time/Date: 0840 / 12/22/03 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? N.A If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0816	2	7.54	519	16.2	Pre:	Pre:
0822	4	7.43	508	16.7		
0825	5	7.39	510	16.2		
					Post:	Post:

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-	~~7~~ x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12/22/03 (inclusive)
City: Oakland, CA Sampler: G. R

Well ID MW-5B Date Monitored: 12/22/03 Well Condition: OK
Well Diameter 2 in.
Total Depth 30.44 ft.
Depth to Water 20.85 ft.
9.59 xVF .017 = 1.63 x3 (case volume) = Estimated Purge Volume: 5 gal.

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

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): 1125 Weather Conditions: Overcast
Sample Time/Date: 1150 / 12/22/03 Water Color: Light Brown Odor: NO
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1131	2	7.23	873	17.2	Pre:	Pre:
1136	4	7.20	844	17.1		
1140	5	7.18	848	17.1		
					Post:	Post:

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5B	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12/22/03 (inclusive)
City: Oakland, CA Sampler: G.R

Well ID MW-6 Date Monitored: 12/22/03 Well Condition: OK
Well Diameter 2 in.
Total Depth 28.10 ft.
Depth to Water 21.63 ft.

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

6.40 xVF 0.17 = 1.09 x3 (case volume) = Estimated Purge Volume: 3.5 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): 1210 Weather Conditions: Overcast
Sample Time/Date: 1245 / 12/22/03 Water Color: Clear Odor: Yes
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1225	1	7.39	955	16.7	Pre: 0.9	Pre: 068
1228	2	7.22	943	16.7		
1231	3.5	7.22	948	16.6		
					Post: 1.0	Post: 070

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-6	x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12/22/03 (inclusive)
City: Oakland, CA Sampler: G.R.

Well ID MW-7 Date Monitored: 12/22/03 Well Condition: OK
Well Diameter 2 in.
Total Depth 33.48 ft.
Depth to Water 19.72 ft.

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

13.76 xVF 0.17 = 2.33 x3 (case volume) = Estimated Purge Volume: 7 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): 0730 Weather Conditions: Overcast
Sample Time/Date: 0800 / 12/22/03 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0735	2	7.66	449	16.3	Pre: 1.5	Pre: 098
0741	4	7.47	437	16.2		
0797	7	7.42	438	16.3		
					Post: 1.6	Post: 114

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-7	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12/22/07 (inclusive)
City: Oakland, CA Sampler: G.A

Well ID MW-9 Date Monitored: 12/22/07 Well Condition: OK
Well Diameter 2 in.
Total Depth 34.12 ft.
Depth to Water 17.44 ft.

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

16.69 xVF 0.17 = 2.83 x3 (case volume) = Estimated Purge Volume: 8.5 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): 0940 Weather Conditions: Overcast
Sample Time/Date: 1020 / 12/22/07 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0946	3	7.54	312	17.5	Pre: 1.3	Pre: 134
0953	6	7.41	294	17.4		
1000	8.5	7.35	292	17.4		
					Post: 1.2	Post: 142

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-9	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12/22/03 (inclusive)
City: Oakland, CA Sampler: G.L

Well ID MW-10 Date Monitored: 12/22/03 Well Condition: OK
Well Diameter 2 in.
Total Depth 33.14 ft.
Depth to Water 17.31 ft.

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

15.86 xVF 0.17 = 2.69 x3 (case volume) = Estimated Purge Volume: 8 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): 1040 Weather Conditions: Overcast
Sample Time/Date: 1115 / 12/22/03 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1047	3	7.36	505	17.6	Pre:	Pre:
1053	6	7.24	491	17.5		
1058	8	7.22	488	17.6		
					Post:	Post:

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-10	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12/22/03 (inclusive)
City: Oakland, CA Sampler: G. R.

Well ID MW-11 Date Monitored: 12/22/03 Well Condition: OK
Well Diameter 2 in.
Total Depth 39.52 ft.
Depth to Water 25.97 ft.

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

1355 xVF 0.17 = 2.30 x3 (case volume) = Estimated Purge Volume: 7 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): 0645 Weather Conditions: Overcast
Sample Time/Date: 0720 / 12/22/03 Water Color: Lgt Brown Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0651	3	7.55	567	15.4	Pre:	Pre:
0657	5	7.38	553	15.4		
0703	7	7.36	554	15.3		
					Post:	Post:

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-11	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-11	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #211283 Job Number: 386956
Site Address: 3810 Broadway Event Date: 12/22/07 (inclusive)
City: Oakland, CA Sampler: G.A

Well ID MW-12 Date Monitored: 12/22/07 Well Condition: OK
Well Diameter 2 in.
Total Depth 29.65 ft.
Depth to Water 19.75 ft.
9.90 xVF 0.17 = 1.68 x3 (case volume) = Estimated Purge Volume: 5 gal.

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

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): 0850 Weather Conditions: Overcast
Sample Time/Date: 0920 / 12/22/07 Water Color: Clear Odor: No
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? No If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
0857	2	7.55	575	16.4	Pre:	Pre:
0903	4	7.42	556	16.3		
0906	5	7.41	552	16.2		
					Post:	Post:

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	4 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-12	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

122403-004

For Lancaster Laboratories use only
Acct. #: 10904 Sample #: 419212 9-38 SCR#: 879799

Facility #: SS#211283 G-R#386956 Global ID#T0600101108
Site Address: 3810 BROADWAY, OAKLAND, CA
Chevron PM: KS 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: G. Regan
Service Order #: ☐ Non SAR:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup ☐	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐	Ethanol (8260)
QA	12/2/03	/				X		2	X	X						
MW-1		1340	X			X		8	X	X	X					X
MW-4		0840	X			X		8	X	X	X					X
MW-5B		1150	X			X		8	X	X	X					X
MW-6		1245	X			X		8	X	X	X					X
MW-7		0800	X			X		8	X	X	X					X
MW-9		1030	X			X		8	X	X	X					X
MW-10		1115	X			X		8	X	X	X					X
MW-11		0720	X			X		8	X	X	X					X
MW-12	↓	0920	X			X		8	X	X	X					X

Analyses Requested

Preservation Codes
H H H

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

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

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

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
STD. TAT | 72 hour | 48 hour
24 hour | 4 day | 5 day

Data Package Options (please circle if required)
QC Summary | Type I — Full
Type VI (Raw Data) | ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by:	12/2/03		Received by:		
Relinquished by:	12/2/03	1110	Received by:	12/2/03	1110
Relinquished by:	12/2/03	1530	Received by: Airborne	12/2/03	
Relinquished by Commercial Carrier: UPS FedEx Other Airborne			Received by:	12-2-03	0900
Temperature Upon Receipt 2°, 2°, 2°, 1.5°			Custody Seals Intact? Yes No		

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Analysis Report

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 879799. Samples arrived at the laboratory on Friday, December 26, 2003. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
QA-T-031222	NA	Water	4192129
MW-1-W-031222	Grab	Water	4192130
MW-4-W-031222	Grab	Water	4192131
MW-5B-W-031222	Grab	Water	4192132
MW-6-W-031222	Grab	Water	4192133
MW-7-W-031222	Grab	Water	4192134
MW-9-W-031222	Grab	Water	4192135
MW-10-W-031222	Grab	Water	4192136
MW-11-W-031222	Grab	Water	4192137
MW-12-W-031222	Grab	Water	4192138

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

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Analysis Report

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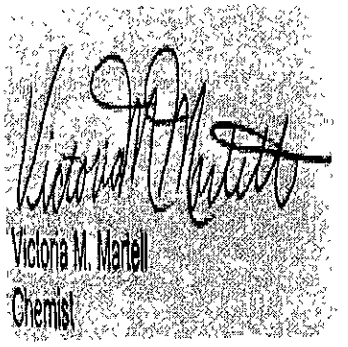
Questions? Contact your Client Services Representative
Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,



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Analysis Report

Lancaster Laboratories Sample No. WW 4192129

QA-T-031222 NA Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 QA
Collected:12/22/2003 00:00

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BROQA

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	12/29/2003 18:26	Michael F Barrow	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	01/02/2004 13:12	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/29/2003 18:26	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/02/2004 13:12	Seth J Good	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4192130

MW-1-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-1
Collected:12/22/2003 13:40 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO01

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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	350.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	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	12/29/2003 18:59	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	01/01/2004 02:19	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/02/2004 07:19	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/29/2003 18:59	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/02/2004 07:19	Seth J Good	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	12/29/2003 07:15	Danette S Blystone	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4192131

MW-4-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-4
Collected:12/22/2003 08:40 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO04

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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	N.D.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	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	12/29/2003 19:32	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/31/2003 21:06	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/02/2004 07:45	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/29/2003 19:32	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/02/2004 07:45	Seth J Good	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	12/29/2003 07:15	Danette S Blystone	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4192132

MW-5B-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-5B
Collected:12/22/2003 11:50 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO5B

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	99.	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	410.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	52.	0.5	ug/l	1
05401	Benzene	71-43-2	18.	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	12/29/2003 20:05	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/31/2003 21:28	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/02/2004 08:10	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/29/2003 20:05	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/02/2004 08:10	Seth J Good	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	12/29/2003 07:15	Danette S Blystone	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4192133

MW-6-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-6
Collected:12/22/2003 12:45 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	9,700.	1,000.	ug/l	20
	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,300.	240.	ug/l	10
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	100.	ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	6.	1.	ug/l	2
05401	Benzene	71-43-2	1,700.	5.	ug/l	10
05407	Toluene	108-88-3	240.	1.	ug/l	2
05415	Ethylbenzene	100-41-4	450.	1.	ug/l	2
06310	Xylene (Total)	1330-20-7	1,000.	1.	ug/l	2
	The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.					

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	1	12/29/2003 20:38	Michael F Barrow	20
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	01/01/2004 06:25	Devin M Hetrick	10
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/02/2004 08:35	Seth J Good	2
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/02/2004 09:01	Seth J Good	10
01146	GC VOA Water Prep	SW-846 5030B	1	12/29/2003 20:38	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/02/2004 08:35	Seth J Good	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4192133

MW-6-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-6
Collected:12/22/2003 12:45 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO06						
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	12/29/2003 07:15	Danette S Blystone	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4192134

MW-7-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-7
Collected:12/22/2003 08:00 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO07

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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	72.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	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	1	12/29/2003 21:11	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	12/31/2003 21:51	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/02/2004 09:25	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/29/2003 21:11	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/02/2004 09:25	Seth J Good	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	12/29/2003 07:15	Danette S Blystone	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4192135

MW-9-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-9
Collected:12/22/2003 10:20 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO09

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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	94.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	0.7	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	12/29/2003 21:44	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	12/31/2003 22:58	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/02/2004 09:51	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/29/2003 21:44	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/02/2004 09:51	Seth J Good	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	12/29/2003 07:15	Danette S Blystone	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4192136

MW-10-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-10
Collected:12/22/2003 11:15 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	230.	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	120.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	0.9	0.5	ug/l	1
05401	Benzene	71-43-2	7.	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	1.	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	1	12/29/2003 22:17	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	12/31/2003 23:20	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/02/2004 11:07	Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/29/2003 22:17	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/02/2004 11:07	Seth J Good	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	12/29/2003 07:15	Danette S Blystone	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4192137

MW-11-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-11
Collected:12/22/2003 07:20 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO11

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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	69.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	2.	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	1	12/29/2003 22:50	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	Method CALUFT-DRO/8015B, Modified	1	12/31/2003 23:43	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/04/2004 23:45	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/29/2003 22:50	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/04/2004 23:45	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	12/29/2003 07:15	Danette S Blystone	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4192138

MW-12-W-031222 Grab Water
Facility# 211283 Job# 386956 GRD
3810 Broadway-Oakland T0600101108 MW-12
Collected:12/22/2003 09:20 by GR

Account Number: 10904

Submitted: 12/26/2003 09:00
Reported: 01/07/2004 at 14:48
Discard: 02/07/2004

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BRO12

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	720.	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.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	130.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	2.	0.5	ug/l	1
05401	Benzene	71-43-2	130.	0.5	ug/l	1
05407	Toluene	108-88-3	29.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	10.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	46.	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	12/30/2003 00:29	Michael F Barrow	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	01/01/2004 00:05	Devin M Hetrick	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	01/05/2004 00:49	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/30/2003 00:29	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/05/2004 00:49	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	12/29/2003 07:15	Danette S Blystone	1

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 879799
Reported: 01/07/04 at 02:48 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 033610011A	Sample number(s): 4192130-4192138							
TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	74	74	61-126	0	20
Batch number: 03363A07B	Sample number(s): 4192129-4192137							
TPH-GRO - Waters	N.D.	50.	ug/l	103	104	70-130	1	30
Batch number: 03363A07C	Sample number(s): 4192138							
TPH-GRO - Waters	N.D.	50.	ug/l	103	104	70-130	1	30
Batch number: N040011AA	Sample number(s): 4192129-4192136							
Ethanol	N.D.	50.	ug/l	85		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	101		77-127		
Benzene	N.D.	0.5	ug/l	102		85-117		
Toluene	N.D.	0.5	ug/l	97		85-115		
Ethylbenzene	N.D.	0.5	ug/l	97		82-119		
Xylene (Total)	N.D.	0.5	ug/l	97		84-120		
Batch number: P040041AA	Sample number(s): 4192137-4192138							
Ethanol	N.D.	50.	ug/l	90		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	87		77-127		
Benzene	N.D.	0.5	ug/l	91		85-117		
Toluene	N.D.	0.5	ug/l	87		85-115		
Ethylbenzene	N.D.	0.5	ug/l	86		82-119		
Xylene (Total)	N.D.	0.5	ug/l	87		84-120		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 03363A07B	Sample number(s): 4192129-4192137								
TPH-GRO - Waters	115		63-154						
Batch number: 03363A07C	Sample number(s): 4192138								
TPH-GRO - Waters	115		63-154						
Batch number: N040011AA	Sample number(s): 4192129-4192136								
Ethanol	94	95	38-149	1	30				
Methyl Tertiary Butyl Ether	96	93	69-134	3	30				
Benzene	101	101	83-128	0	30				
Toluene	96	94	83-127	2	30				
Ethylbenzene	96	94	82-129	2	30				
Xylene (Total)	96	93	82-130	3	30				
Batch number: P040041AA	Sample number(s): 4192137-4192138								
Ethanol	99	98	38-149	1	30				
Methyl Tertiary Butyl Ether	93	94	69-134	1	30				
Benzene	101	100	83-128	1	30				
Toluene	96	96	83-127	0	30				
Ethylbenzene	96	95	82-129	0	30				
Xylene (Total)	96	95	82-130	1	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: 01/07/04 at 02:48 PM

Group Number: 879799

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 033610011A

	Orthoterphenyl
4192130	68
4192131	76
4192132	84
4192133	71
4192134	79
4192135	75
4192136	78
4192137	74
4192138	77
Blank	79
LCS	86
LCSD	90
Limits:	59-139

Analysis Name: TPH-GRO - Waters
Batch number: 03363A07B

	Trifluorotoluene-F
4192129	81
4192130	80
4192131	80
4192132	88
4192133	91
4192134	80
4192135	79
4192136	108
4192137	80
Blank	82
LCS	104
LCSD	104
MS	106
Limits:	57-146

Analysis Name: TPH-GRO - Waters
Batch number: 03363A07C

	Trifluorotoluene-F
4192138	99
Blank	78
LCS	104
LCSD	104
MS	106
Limits:	57-146

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: N040011AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4192129	97	95	97	94

*- 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: 01/07/04 at 02:48 PM

Group Number: 879799

Surrogate Quality Control

4192130	96	97	98	94
4192131	95	95	98	95
4192132	94	96	98	94
4192133	96	95	99	97
4192134	95	95	97	96
4192135	95	94	98	94
4192136	96	97	97	95
Blank	96	98	99	95
LCS	97	97	97	96
MS	97	96	97	96
MSD	96	96	97	96
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P040041AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4192137	99	95	103	95
4192138	98	95	104	97
Blank	98	96	103	95
LCS	99	95	102	97
MS	100	95	102	96
MSD	100	97	102	98
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.

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Explanation of Symbols and Abbreviations

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

N.D.	none detected
TNTC	Too Numerous To Count
IU	International Units
umhos/cm	micromhos/cm
C	degrees Celsius
meq	milliequivalents
g	gram(s)
ug	microgram(s)
ml	milliliter(s)
m3	cubic meter(s)
BMQL	Below Minimum Quantitation Level
MPN	Most Probable Number
CP Units	cobalt-chloroplatinate units
NTU	nephelometric turbidity units
F	degrees Fahrenheit
lb.	pound(s)
kg	kilogram(s)
mg	milligram(s)
l	liter(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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	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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