

ental Management

Karen Streich
Project Manager

nger Canyon Rd, L4050
112
CA 94583-2324
-1589
-8370

Barney
FYI
Cary

2038

April 24, , 2003

ChevronTexaco

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

Alameda County
APR 29 2003
Environmental Health

Re: Chevron Service Station # 9-4587

Address: 609 Oak Street, Oakland, CA

I have reviewed the attached routine groundwater monitoring report dated April 9, 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

April 9, 2003

G-R #386428

TO: Mr. Robert Foss
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

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 Chevron Service Station
#9-4587
609 Oak Street
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 4, 2003	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of March 4, 2003

Alameda County
APR 29 2003
Environmental Health

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 **April 23, 2003**, at which time the final report will be distributed to the following:

Pring
cc: Mr. Larry Seto, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Dewey Bargiacchi, The Paris Company, 8520 Pardee, Oakland, CA 94621
Mr. James M. Kimberlin, 1100 Howe Ave., Apt. #421, Sacramento, CA 95825
Mr. William Kimberlin, 51 Eureka St., Kensington, CA 94707

Enclosures



GETTLER-RYAN INC.

April 4, 2003
G-R Job #386428

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

RE: First Semi-Annual Event of March 4, 2003
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

Alameda County
APR 29 2003
Environmental Health

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,

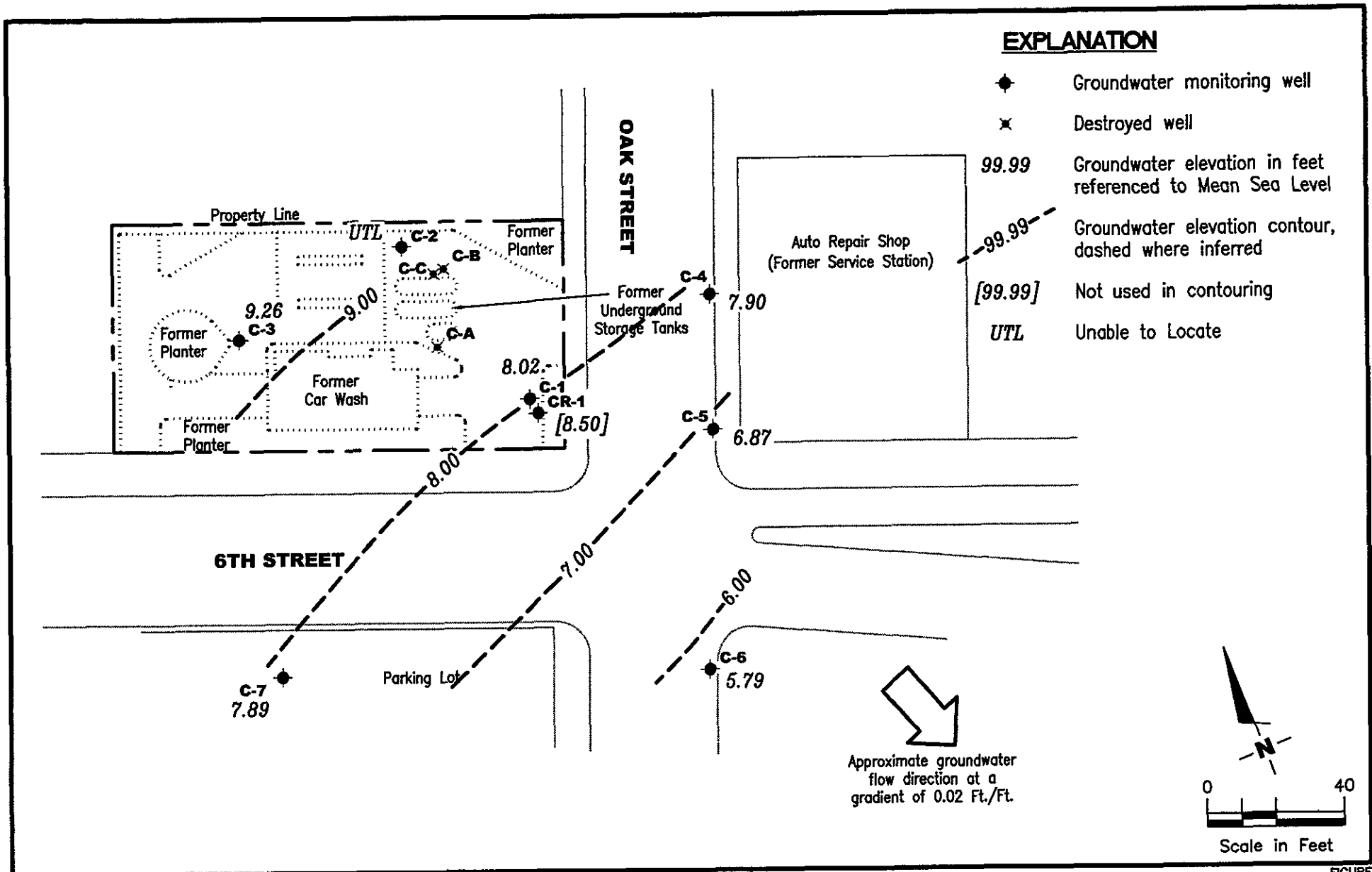
Deanna L. Harding
Deanna L. Harding
Project Coordinator

Hagop Kevork

Hagop Kevork
P.E. No. C55734



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



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

POTENTIOMETRIC MAP
 Former Chevron Service Station #9-4587
 609 Oak Street
 Oakland, California

FIGURE

1

PROJECT NUMBER
 386428

REVIEWED BY

DATE
 March 4, 2003

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1											
12/06/89	16.07	--	--	0.20	--	--	--	--	--	--	--
10/30/90	16.07	5.30	10.79	0.02	--	--	--	--	--	--	--
01/14/91	16.07	4.70	11.39	0.02	--	--	--	--	--	--	--
04/03/91	16.07	6.66	9.43	0.02	--	--	--	--	--	--	--
07/17/91	16.07	5.64	10.46	0.04	--	--	--	--	--	--	--
10/07/91	16.07	5.36	10.74	0.04	--	--	--	--	--	--	--
02/04/92	16.07	5.71	10.37	0.01	--	--	--	--	--	--	--
03/06/92	16.07	6.87	9.20	--	--	--	--	--	--	--	--
04/01/92	16.07	6.79	9.28	--	--	--	--	--	--	--	--
06/25/92	16.07	6.10	9.98	0.01	--	100,000	8,800	7,000	2,800	19,000	--
09/17/92	16.07	5.56	10.51	Sheen	--	--	--	--	--	--	--
12/16/92	16.07	6.26	9.81	Sheen	--	--	--	--	--	--	--
03/18/93	16.07	7.19	8.88	Sheen	--	--	--	--	--	--	--
06/11/93	16.07	6.78	9.31	0.02	--	--	--	--	--	--	--
09/08/93	16.07	--	--	--	--	--	--	--	--	--	--
09/17/93	16.07	6.37	9.72	0.02	--	--	--	--	--	--	--
12/23/93	16.07	6.58	9.49	--	--	41,000	5,400	590	710	5,600	--
03/07/94	16.07	7.32	8.96	0.26	--	--	--	--	--	--	--
06/17/94	16.07	6.39	9.70	0.02	--	--	--	--	--	--	--
09/12/94	16.07	3.66	12.42	0.01	--	--	--	--	--	--	--
06/29/95	16.07	7.29	8.78	--	--	220,000	11,000	3,600	3,500	19,000	--
09/13/95	16.07	6.54	9.56	0.04	0.21	--	--	--	--	--	--
12/19/95	16.07	6.76	9.31	--	--	14,000	180	81	240	2,200	440
03/26/96	16.07	7.14	8.93	--	--	790	22	5.3	21	96	<12
06/10/96	16.07	7.84	8.23	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--
09/13/96	16.07	6.55	9.52	--	--	110	0.85	<0.5	0.95	1.9	3.6
12/19/96	16.07	7.36	8.71	--	--	51	<0.5	<0.5	0.69	1.3	<2.5
03/12/98 ¹	15.48	8.67	6.81	--	--	61	1.2	1.6	0.69	6.5	<2.5
08/20/98	15.48	6.61	8.87	--	--	120	3.5	<0.5	<0.5	3.2	2.7
03/25/99	15.48	8.20	7.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1 (cont)											
09/29/99	15.48	6.10	9.38	--	--	<50	<0.5	<0.5	<0.5	3.06	<2.5
02/29/00	15.48	8.09	7.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/25/00	15.48	6.79	8.69	0.00	0.00	<50	<0.50	<0.50	<0.50	1.2	45
03/13/01	15.48	7.36	8.12	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
09/10/01	15.48	7.05	8.43	0.00	0.00	<50	0.58	<0.50	<0.50	<0.50	17
03/28/02	15.48	8.14	7.34	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	22
09/09/02	15.48	7.23	8.25	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	24
03/04/03	15.48	8.02	7.46	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-2											
12/06/89	16.84	--	--	--	--	16,000	250	1,200	550	1,400	--
10/30/90	16.84	5.68	11.16	--	--	28,000	3,700	1,900	1,200	4,300	--
01/14/91	16.84	5.73	11.11	--	--	24,000	3,300	1,200	1,100	4,100	--
01/14/91	16.84	5.73	11.11	--	--	30,000	3,900	1,500	1,500	5,000	--
04/03/91	16.84	7.31	9.53	--	--	12,000	1,100	840	650	1,800	--
04/03/91	16.84	7.31	9.53	--	--	14,000	1,100	990	680	1,800	--
07/17/91	16.84	6.16	10.68	--	--	13,000	1,700	560	650	1,700	--
07/17/91	16.84	6.16	10.68	--	--	14,000	1,700	640	720	1,900	--
10/07/91	16.84	5.82	11.02	--	--	25,000	3,700	1,300	1,400	3,800	--
02/04/92	16.84	6.24	10.60	--	--	16,000	2,600	300	880	1,900	--
04/01/92	16.84	7.54	9.30	--	--	15,000	1,900	300	700	1,500	--
06/25/92	16.84	6.39	10.45	--	--	23,000	3,400	740	1,300	3,400	--
09/17/92	16.84	6.06	10.78	--	--	18,000	3,500	550	1,400	3,900	--
12/16/92	16.84	6.90	9.94	--	--	12,000	1,200	120	460	1,100	--
03/18/93	16.84	8.04	8.80	--	--	5,200	990	130	290	430	--
06/11/93	16.84	7.41	9.43	--	--	34,000	8,200	910	2,400	6,600	--
09/08/93	16.84	--	--	--	--	3,400	690	26	190	330	--
09/17/93	16.84	6.93	9.91	--	--	--	--	--	--	--	--
12/23/93	16.84	7.15	9.69	--	--	2,500	830	26	130	260	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
C-2 (cont)											
03/07/94	16.84	7.87	8.97	--	--	1,100	420	6.5	110	69	--
06/17/94	16.84	6.98	9.86	--	--	1,400	290	8.6	60	63	--
09/12/94	16.84	5.74	11.10	--	--	370	96	1.3	9.4	16	--
06/29/95	16.84	7.84	9.00	--	--	4,100	400	96	250	500	--
09/13/95	16.84	7.10	9.74	--	--	3,500	200	50	57	290	--
12/19/95	16.84	7.74	9.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	16.84	9.46	7.38	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--
06/10/96	16.84	9.00	7.84	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--
09/13/96	16.84	8.44	8.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	16.84	8.46	8.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/12/98 ¹	16.39	10.75	5.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	4.8
08/20/98	16.39	7.55	8.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/25/99	16.39	10.20	6.19	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	16.39	8.13	8.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/00	16.39	10.11	6.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/25/00	16.39	8.05	8.34	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/13/01	16.39	9.67	6.72	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
09/10/01	16.39	8.02	8.37	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/28/02	16.39	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
09/09/02	16.39	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
03/04/03	16.39	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
C-3											
12/06/89	16.48	--	--	--	--	<500	<0.5	<0.5	<0.5	0.74	--
10/30/90	16.48	6.04	10.44	--	--	410	4.0	4.0	2.0	9.0	--
01/14/91	16.48	6.14	10.34	--	--	80	<0.5	<0.5	<0.5	1.0	--
04/03/91	16.48	7.47	9.01	--	--	53	<0.5	<0.5	<0.5	2.0	--
07/17/91	16.48	6.48	10.00	--	--	<50	5.9	<0.5	<0.5	<0.5	--
10/07/91	16.48	6.10	10.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3 (cont)											
02/04/92	16.48	6.48	10.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/01/92	16.48	7.65	8.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/25/92	16.48	6.63	9.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/17/92	16.48	6.28	10.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	16.48	7.08	9.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/93	16.48	8.36	8.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/11/93	16.48	7.89	8.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/08/93	16.48	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/17/93	16.48	7.48	9.00	--	--	--	--	--	--	--	--
12/23/93	16.48	7.65	8.83	--	--	<50	<0.5	0.8	<0.5	2.9	--
03/07/94	16.48	8.29	8.19	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	16.48	7.43	9.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/94	16.48	INACCESSIBLE	--	--	--	--	--	--	--	--	--
06/29/95	16.48	8.18	8.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/95	16.48	7.64	8.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	16.48	8.02	8.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	16.48	9.01	7.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/10/96	16.48	8.23	8.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/13/96	16.48	7.46	9.02	--	--	SAMPLED ANNUALLY	--	--	--	--	--
12/19/96	16.48	8.44	8.04	--	--	--	--	--	--	--	--
03/12/98 ¹	16.13	9.90	6.23	--	--	<50	<0.5	<0.5	<0.5	<0.5	3.5
08/20/98	16.13	7.93	8.20	--	--	--	--	--	--	--	--
03/25/99	16.13	9.15	6.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	16.13	6.99	9.14	--	--	--	--	--	--	--	--
02/29/00	16.13	9.01	7.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/25/00	16.13	7.80	8.33	0.00	0.00	--	--	--	--	--	--
03/13/01 ²	16.13	8.41	7.72	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
09/10/01	16.13	7.75	8.38	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
C-3 (cont)											
03/28/02	16.13	9.46	6.67	0.00	0.00	<50	<0.50	0.56	<0.50	<1.5	<2.5
09/09/02	16.13	8.39	7.74	0.00	0.00	--	--	--	--	--	--
03/04/03	16.13	9.26	6.87	0.00	0.00	<50	<0.50	0.69	<0.50	<1.5	<2.5
C-4											
12/06/89	16.53	--	--	--	--	--	--	--	--	--	--
10/30/90	16.53	4.97	11.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/14/91	16.53	5.09	11.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/03/91	16.53	6.53	10.00	--	--	150	3.0	<0.5	12	9.0	--
07/17/91	16.53	5.37	11.16	--	--	290	2.3	0.4	52	0.4	--
10/07/91	16.53	5.14	11.39	--	--	<50	<0.5	<0.5	4.6	<0.5	--
02/04/92	16.53	5.51	11.02	--	--	<50	<0.5	<0.5	2.8	<0.5	--
02/04/92	16.53	5.51	11.02	--	--	<50	<0.5	<0.5	2.5	0.5	--
04/01/92	16.53	6.70	9.83	--	--	480	4.9	<0.5	64	4.3	--
06/25/92	16.53	5.65	10.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/17/92	16.53	5.29	11.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	16.53	6.13	10.40	--	--	56	<0.5	<0.5	1.0	<0.5	--
03/18/93	16.53	7.05	9.48	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	16.53	6.92	9.61	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	16.53	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/17/93	16.53	6.46	10.07	--	--	--	--	--	--	--	--
12/23/93	16.53	6.70	9.83	--	--	<50	1.2	1.5	<0.5	3.2	--
03/07/94	16.53	7.33	9.20	--	--	60	0.7	1.1	6.7	1.8	--
06/17/94	16.53	6.56	9.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/94	16.53	5.32	11.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/29/95	16.53	7.18	9.35	--	--	<50	<0.5	<0.5	1.4	<0.5	--
09/13/95	16.53	6.60	9.93	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	16.53	6.98	9.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	16.53	7.99	8.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
C-4 (cont)											
06/10/96	16.53	7.23	9.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	4.1
09/13/96	16.53	6.71	9.82	--	--	SAMPLED ANNUALLY		--	--	--	--
12/19/96	16.53	7.50	9.03	--	--	--	--	--	--	--	--
03/12/98 ¹	15.83	8.53	7.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/12/98	15.83	6.38	9.45	--	--	--	--	--	--	--	--
03/25/99	15.83	7.71	8.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	15.83	5.60	10.23	--	--	--	--	--	--	--	--
02/29/00	15.83	7.90	7.93	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/25/00	15.83	6.74	9.09	0.00	0.00	--	--	--	--	--	--
03/13/01	15.83	7.38	8.45	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
09/10/01	15.83	6.63	9.20	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
03/28/02	15.83	8.11	7.72	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/09/02	15.83	7.13	8.70	0.00	0.00	--	--	--	--	--	--
03/04/03	15.83	7.90	7.93	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-5											
12/06/89	14.70	4.73	9.97	--	--	--	--	--	--	--	--
10/30/90	14.70	--	--	--	--	<50	0.8	<0.5	<0.5	0.5	--
01/14/91	14.70	4.83	9.87	--	--	54	<0.5	<0.5	<0.5	<0.5	--
04/03/91	14.70	5.98	8.72	--	--	1,800	330	200	52	170	--
07/17/91	14.70	5.07	9.63	--	--	170	120	5.3	12	20	--
10/07/91	14.70	4.87	9.83	--	--	<50	1.1	<0.5	<0.5	<0.5	--
02/04/92	14.70	5.17	9.53	--	--	91	16	<0.5	2.4	2.0	--
04/01/92	14.70	6.13	8.57	--	--	960	200	5.4	21	33	--
06/25/92	14.70	5.26	9.44	--	--	800	2.5	<0.5	1.3	7.3	--
09/17/92	14.70	4.98	9.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	14.70	5.63	9.07	--	--	81	5.4	1.2	1.5	4.3	--
03/18/93	14.70	6.26	8.44	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	14.70	6.17	8.53	--	--	<50	1.6	<0.5	<0.5	<1.5	--

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Oakland, California

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C-5 (cont)											
09/08/93	14.70	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/17/93	14.70	5.81	8.89	--	--	--	--	--	--	--	--
12/23/93	14.70	6.02	8.68	--	--	<50	5.5	1.3	0.7	4.0	--
03/07/94	14.70	6.52	8.18	--	--	460	180	21	27	70	--
06/17/94	14.70	5.89	8.81	--	--	<50	10	0.5	1.4	3.3	--
09/12/94	14.70	4.83	9.87	--	--	<50	6.4	<0.5	<0.5	<0.5	--
06/29/95	14.70	6.33	8.37	--	--	65	10	<0.5	2.3	9.1	--
09/13/95	14.70	5.90	8.80	--	--	370	41	0.76	17	50	--
12/19/95	14.70	6.22	8.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	14.70	6.97	7.73	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/10/96	14.70	6.40	8.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	3.9
09/13/96	14.70	5.95	8.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	14.70	6.65	8.05	--	--	<50	4.2	<0.5	<0.5	<0.5	<2.5
03/12/98 ¹	14.22	7.41	6.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/20/98	14.22	5.81	8.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/25/99	14.22	6.87	7.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	14.22	4.80	9.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/00	14.22	6.93	7.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/25/00	14.22	5.98	8.24	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/13/01	14.22	6.35	7.87	0.00	0.00	131	4.29	10.4	2.73	13.6	<0.500
09/10/01	14.22	6.22	8.00	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/28/02	14.22	7.03	7.19	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.6
09/09/02	14.22	INACCESSIBLE - VAN PARKED OVER WELL				--	--	--	--	--	--
03/04/03	14.22	6.87	7.35	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-6											
12/06/89	13.87	--	--	--	--	--	--	--	--	--	--
10/30/90	13.87	4.44	9.43	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/14/91	13.87	4.46	9.41	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--

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609 Oak Street
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C-6 (cont)											
04/03/91	13.87	5.21	8.66	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/17/91	13.87	4.62	9.25	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/07/91	13.87	4.53	9.34	--	--	67	<0.5	0.6	<0.5	0.6	--
02/04/92	13.87	4.71	9.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/01/92	13.87	5.28	8.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/25/92	13.87	4.76	9.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/17/92	13.87	4.59	9.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	13.87	4.99	8.88	--	--	120	9.3	1.9	2.7	7.4	--
03/18/93	13.87	5.52	8.35	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	13.87	5.66	8.21	--	--	<50	<0.5	0.7	<0.5	<1.5	--
09/08/93	13.87	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/17/93	13.87	5.50	8.37	--	--	--	--	--	--	--	--
12/23/93	13.87	5.58	8.29	--	--	<50	1.4	1.0	<0.5	3.5	--
03/07/94	13.87	5.87	8.00	--	--	<50	0.8	<0.5	<0.5	<0.5	--
06/17/94	13.87	5.46	8.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/94	13.87	4.99	8.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/29/95	13.87	5.79	8.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/95	13.87	5.56	8.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	13.87	5.75	8.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	13.87	6.19	7.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/10/96	13.87	5.69	8.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/13/96	13.87	5.01	8.86	--	--	SAMPLED ANNUALLY		--	--	--	--
12/19/96	13.87	6.04	7.83	--	--	--	--	--	--	--	--
03/12/98 ¹	13.23	6.13	7.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/20/98	13.23	5.14	8.09	--	--	--	--	--	--	--	--
03/25/99	13.23	5.91	7.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	13.23	3.83	9.40	--	--	--	--	--	--	--	--
02/29/00	13.23	6.04	7.19	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/25/00	13.23	4.15	9.08	0.00	0.00	--	--	--	--	--	--
03/13/01	13.23	5.20	8.03	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500

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C-6 (cont)											
09/10/01	13.23	5.12	8.11	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
03/28/02	13.23	5.94	7.29	0.00	0.00	<50	<0.50	0.63	<0.50	<1.5	3.4
09/09/02	13.23	5.54	7.69	0.00	0.00	--	--	--	--	--	--
03/04/03	13.23	5.79	7.44	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
C-7											
02/07/91	15.78	5.90	9.88	--	--	<50	<0.5	0.8	<0.5	<0.5	--
04/03/91	15.78	6.74	9.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/17/91	15.78	5.92	9.86	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/91	15.78	5.68	10.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/04/92	15.78	6.04	9.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/01/92	15.78	6.82	8.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/25/92	15.78	6.16	9.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/17/92	15.78	6.03	9.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	15.78	6.37	9.41	--	--	--	--	--	--	--	--
03/18/93	15.78	7.33	8.45	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
06/11/93	15.78	7.07	8.71	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/08/93	15.78	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/17/93	15.78	6.73	9.05	--	--	--	--	--	--	--	--
12/23/93	15.78	6.93	8.85	--	--	<50	1.9	1.4	<0.5	3.6	--
03/07/94	15.78	7.35	8.43	--	--	<50	2.4	1.3	<0.5	0.6	--
06/17/94	15.78	6.71	9.07	--	--	<50	<0.5	<0.5	<0.5	1.2	--
09/12/94	15.78	5.98	9.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/29/95	15.78	7.14	8.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/95	15.78	6.86	8.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	15.78	7.06	8.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/96	15.78	7.86	7.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/10/96	15.78	7.26	8.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/13/96	15.78	6.66	9.12	--	--	SAMPLED ANNUALLY		--	--	--	--

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C-7 (cont)											
12/19/96	15.78	7.39	8.39	--	--	--	--	--	--	--	--
03/12/98 ¹	15.36	8.64	6.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/20/98	15.36	6.11	9.25	--	--	--	--	--	--	--	--
03/25/99	15.36	7.67	7.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	15.36	5.57	9.79	--	--	--	--	--	--	--	--
02/29/00	15.36	7.86	7.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/25/00	15.36	INACCESSIBLE - OBSTRUCTION IN WELL				--	--	--	--	--	--
03/13/01 ²	15.36	6.78	8.58	0.00	0.00	<50.0	<0.500	<0.500	0.776	2.19	<0.500
09/10/01	15.36	6.15	9.21	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
03/28/02	15.36	7.91	7.45	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/09/02	15.36	7.27	8.09	0.00	0.00	--	--	--	--	--	--
03/04/03	15.36	7.89	7.47	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
CR-1											
10/30/90	--	--	10.51	--	--	9,600	7,100	65	610	190	--
01/14/91	--	--	10.29	--	--	1,500	3,200	52	190	77	--
07/17/91	--	--	10.19	--	--	15,000	9,300	220	680	530	--
10/07/91	--	--	10.46	--	--	17,000	7,600	50	440	68	--
10/07/91	--	--	10.46	--	--	14,000	9,400	52	430	110	--
02/04/92	--	--	10.12	--	--	19,000	6,100	32	350	100	--
04/01/92	--	--	9.24	--	--	29,000	5,300	820	380	1,200	--
06/25/92	--	--	10.03	--	--	12,000	3,300	280	210	460	--
09/17/92	--	--	10.30	--	--	--	--	--	--	--	--
12/16/92	--	--	9.59	Sheen	--	--	--	--	--	--	--
03/18/93	--	--	8.82	0.05	--	--	--	--	--	--	--
06/11/93	--	--	9.58	0.87	--	--	--	--	--	--	--
09/08/93	--	--	--	--	--	--	--	--	--	--	--
09/17/93	--	--	--	--	--	--	--	--	--	--	--
12/23/93	--	--	9.02	0.02	--	--	--	--	--	--	--

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CR-1 (cont)											
03/07/94	--	--	8.41	0.04	--	--	--	--	--	--	--
06/17/94	--	--	--	--	--	--	--	--	--	--	--
09/12/94	--	--	15.32	0.02	--	--	--	--	--	--	--
06/29/95	--	--	8.67	--	--	49,000	9,400	310	2,400	7,200	--
09/13/95	--	--	9.93	0.03	0.13	--	--	--	--	--	--
12/19/95	--	--	8.75	--	--	19,000	880	48	1,600	3,100	4,000
03/26/96	--	--	7.50	--	--	60	2.6	<0.5	0.86	6.3	67
06/10/96	--	--	8.15	--	--	1,100	38	30	9.7	190	54
09/13/96	--	--	9.27	--	--	77	1.1	<0.5	<0.5	<0.5	33
12/19/96	--	--	7.96	--	--	<50	0.86	<0.5	<0.5	0.62	<2.5
03/12/98 ¹	15.33	9.29	6.04	--	--	55	1.1	<0.5	<0.5	<0.5	6.0
08/20/98	15.33	7.28	8.05	--	--	110	4.1	0.9	0.94	<0.5	5.5
03/25/99	15.33	8.53	6.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.9
09/29/99	15.33	6.37	8.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/29/00	15.33	8.48	6.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/25/00	15.33	7.49	7.84	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	20
03/13/01	15.33	8.12	7.21	0.00	0.00	56.6	<0.500	<0.500	<0.500	<0.500	<0.500
09/10/01	15.33	7.80	7.53	0.00	0.00	<50	<0.50	<0.50	<0.50	0.83	13
03/28/02	15.33	8.85	6.48	0.00	0.00	<50	<0.50	<0.50	5.1	<1.5	16
09/09/02	15.33	7.96	7.37	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	9.1
03/04/03	15.33	8.50	6.83	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	13
C-A											
12/06/89	--	--	--	--	--	44,000	20,000	66	1,600	2,220	--
10/30/90	--	--	11.20	Sheen	--	31,000	23,000	110	1,100	160	--
10/30/90	--	--	11.20	Sheen	--	30,000	23,000	150	1,000	180	--
01/14/91	--	--	11.25	--	--	12,000	30,000	540	1,400	560	--
04/03/91	--	--	9.82	--	--	59,000	33,000	2400	2,200	3,100	--
07/17/91	--	--	10.93	--	--	52,000	38,000	380	1,300	500	--

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609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-A (cont)											
10/07/91	--	--	--	--	--	--	--	--	--	--	--
06/25/92	--	--	--	--	--	--	--	--	--	--	--
09/17/92	--	--	--	--	--	--	--	--	--	--	--
12/16/92	--	--	--	--	--	--	--	--	--	--	--
03/18/93	--	--	--	--	--	--	--	--	--	--	--
06/11/93	--	--	--	--	--	--	--	--	--	--	--
09/08/93	--	--	--	--	--	--	--	--	--	--	--
09/17/93	--	--	10.02	--	--	--	--	--	--	--	--
12/23/93	--	--	--	--	--	--	--	--	--	--	--
03/07/94	--	--	--	--	--	--	--	--	--	--	--
06/17/94	--	--	10.05	--	--	77,000	32,000	3,600	3,200	14,000	--
09/12/94	--	--	11.75	--	--	270	170	1.0	13	24	--
DESTROYED											
C-B											
12/06/89	--	--	--	0.01	--	--	--	--	--	--	--
10/30/90	--	--	11.19	0.01	--	--	--	--	--	--	--
01/14/91	--	--	11.40	0.01	--	--	--	--	--	--	--
04/03/91	--	--	9.55	1.00	--	--	--	--	--	--	--
04/04/91	--	--	10.54	1.06	--	--	--	--	--	--	--
07/17/91	--	--	10.84	0.03	--	--	--	--	--	--	--
10/07/91	--	--	11.10	0.04	--	--	--	--	--	--	--
02/04/92	--	--	10.78	0.01	--	--	--	--	--	--	--
03/06/92	--	--	--	--	--	--	--	--	--	--	--
04/01/92	--	--	10.33	1.02	--	--	--	--	--	--	--
06/25/92	--	--	11.20	0.68	--	--	--	--	--	--	--
09/17/92	--	--	11.07	0.13	--	--	--	--	--	--	--
12/16/92	--	--	10.41	0.38	--	--	--	--	--	--	--
03/18/93	--	--	9.19	0.05	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-B (cont)											
06/11/93	--	--	9.54	0.70	--	--	--	--	--	--	--
09/08/93	--	--	--	--	--	--	--	--	--	--	--
09/17/93	--	--	9.85	0.52	--	--	--	--	--	--	--
12/23/93	--	--	9.37	0.20	--	--	--	--	--	--	--
03/07/94	--	--	9.24	0.85	--	--	--	--	--	--	--
06/17/94	--	--	9.38	0.02	--	--	--	--	--	--	--
09/12/94	--	--	11.13	0.49	--	--	--	--	--	--	--
DESTROYED											
C-C											
12/06/89	--	--	--	0.15	--	--	--	--	--	--	--
10/30/90	--	--	10.84	0.03	--	--	--	--	--	--	--
01/14/91	--	--	11.01	0.11	--	--	--	--	--	--	--
04/03/91	--	--	9.19	0.02	--	--	--	--	--	--	--
07/17/91	--	--	10.53	0.03	--	--	--	--	--	--	--
10/07/91	--	--	10.98	0.08	--	--	--	--	--	--	--
02/04/92	--	--	10.45	0.09	--	--	--	--	--	--	--
03/06/92	--	--	8.83	0.09	--	--	--	--	--	--	--
04/01/92	--	--	9.23	0.16	--	--	--	--	--	--	--
06/25/92	--	--	10.40	0.12	--	--	--	--	--	--	--
09/17/92	--	--	10.84	0.12	--	--	--	--	--	--	--
12/16/92	--	--	10.02	0.12	--	--	--	--	--	--	--
03/18/93	--	--	8.70	0.15	--	--	--	--	--	--	--
06/11/93	--	--	9.25	0.13	--	--	--	--	--	--	--
09/08/93	--	--	--	--	--	--	--	--	--	--	--
09/17/93	--	--	9.83	Sheen	--	--	--	--	--	--	--
12/23/93	--	--	9.66	0.07	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-C (cont)											
03/07/94	--	--	8.93	0.28	--	--	--	--	--	--	--
06/17/94	--	--	10.13	0.03	--	--	--	--	--	--	--
09/12/94	--	--	11.20	0.13	--	--	--	--	--	--	--
DESTROYED											
TRIP BLANK											
10/30/90	--	--	--	--	--	--	--	--	--	--	--
01/14/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/07/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/03/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/17/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/04/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/01/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/25/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/17/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
03/18/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/11/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
09/17/93	--	--	--	--	--	--	--	--	--	--	--
12/23/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/07/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/12/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/29/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/13/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK (cont)											
06/10/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/13/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/12/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/20/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/25/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/29/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
02/29/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/25/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/13/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
09/10/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA											
03/28/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/09/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/04/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4587
609 Oak Street
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 25, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet

GWE = Groundwater Elevation
(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

SPH = Separate Phase Hydrocarbons

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

¹ Site resurveyed on May 8, 1998.

² Cleaned out roots in well.

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 #9-4587 Job Number: 386428
 Site Address: 609 Oak Street Event Date: 3/4/03 (inclusive)
 City: Oakland, CA Sampler: G.R.

Well ID: C-1 Date Monitored: 3/4/03 Well Condition: OK
 Well Diameter: 3 in.
 Total Depth: 15.05 ft.
 Depth to Water: 7.96 ft.
7.59 xVF 0.38 = 2.88 x3 (case volume) = Estimated Purge Volume: 9 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): 1223 Weather Conditions: Overcast
 Sample Time/Date: 1250 3/4/03 Water Color: Clear Odor: No
 Purging Flow Rate: 21 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)
<u>1228</u>	<u>3</u>	<u>6.89</u>	<u>1216</u>	<u>18.1</u>		
<u>1232</u>	<u>6</u>	<u>6.81</u>	<u>1221</u>	<u>18.6</u>		
<u>1235</u>	<u>9</u>	<u>6.74</u>	<u>1202</u>	<u>19.2</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>3 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>

COMMENTS: New well depth

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4587
 Site Address: 609 Oak Street
 City: Oakland, CA

Job Number: 386428
 Event Date: 3/9/03 (inclusive)
 Sampler: G. Rog

Well ID: C-2 Date Monitored: _____ Well Condition: _____
 Well Diameter: 3 in.
 Total Depth: 12.28 ft. *
 Depth to Water: _____ 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

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

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:	_____ 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): _____ 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 (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

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

COMMENTS: * Not a new well depth Unable to locate

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4587
 Site Address: 609 Oak Street
 City: Oakland, CA

Job Number: 386428
 Event Date: 3/4/03 (inclusive)
 Sampler: Cr-R

Well ID: C-3 Date Monitored: 3/4/03 Well Condition: OK
 Well Diameter: 3 in.
 Total Depth: 15.15 ft.
 Depth to Water: 6.87 ft.
8.28 xVF 0.38 = 3.15 x3 (case volume) = Estimated Purge Volume: 9.5 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): 1024 Weather Conditions: Partly Cloudy
 Sample Time/Date: 1115 3/4/03 Water Color: grey Odor: NO
 Purging Flow Rate: ≈ 1 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)
<u>1038</u>	<u>3</u>	<u>6.80</u>	<u>471</u>	<u>17.4</u>	_____	_____
<u>1050</u>	<u>6</u>	<u>6.68</u>	<u>462</u>	<u>17.3</u>	_____	_____
<u>1106</u>	<u>9.5</u>	<u>6.65</u>	<u>469</u>	<u>17.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</u>	<u>x voc vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: New well drilled - Purged 1st case volume w/stainless steel bailer to remove some of the roots

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4587 Job Number: 386428
 Site Address: 609 Oak Street Event Date: 3/4/03 (inclusive)
 City: Oakland, CA Sampler: GR

Well ID: C-4 Date Monitored: 3/4/03 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 28.95 ft.
 Depth to Water: 7.93 ft.
21.02 xVF 0.17 = 3.57 (Case volume) = Estimated Purge Volume: 7.5 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): 0915 Weather Conditions: Overcast
 Sample Time/Date: 1005 3/4/03 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 (°F)	D.O. (mg/L)	ORP (mV)
<u>0925</u>	<u>2.0</u>	<u>7.03</u>	<u>549</u>	<u>18.0</u>	_____	_____
<u>0930</u>	<u>5</u>	<u>7.02</u>	<u>541</u>	<u>18.5</u>	_____	_____
<u>0948</u>	<u>7.5</u>	<u>7.04</u>	<u>536</u>	<u>18.5</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-4</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: New well depth

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4587
 Site Address: 609 Oak Street
 City: Oakland, CA

Job Number: 386428
 Event Date: 3/4/03 (inclusive)
 Sampler: Cr-A

Well ID: C-5 Date Monitored: 3/4/03 Well Condition: OK
 Well Diameter: ~~20.125~~ 2 in.
 Total Depth: 28.65 ft.
 Depth to Water: 7.35 ft.
21.3 xVF 0.17 = 362 x2 (case volume) = Estimated Purge Volume: 7.5 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 Baller
 Stainless Steel Baller _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Baller
 Pressure Baller _____
 Discrete Baller _____
 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): 0816 Weather Conditions: Partly Cloudy
 Sample Time/Date: 0850 3/4/03 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 (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>0826</u>	<u>2.5</u>	<u>7.11</u>	<u>616</u>	<u>19.0</u>	_____	_____
<u>0834</u>	<u>5</u>	<u>7.05</u>	<u>623</u>	<u>19.1</u>	_____	_____
<u>0848</u>	<u>7.5</u>	<u>7.06</u>	<u>615</u>	<u>19.0</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-5</u>	<u>x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: New well depth

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4587 Job Number: 386428
 Site Address: 609 Oak Street Event Date: 3/4/03 (inclusive)
 City: Oakland, CA Sampler: G.R.

Well ID: C-6 Date Monitored: 3/4/07 Well Condition: OK
 Well Diameter: ~~28.50~~ in. ²
 Total Depth: 28.50 ft.
 Depth to Water: 7.44 ft.
21.06 xVF 0.17 = 3.5 x2 (case volume) = Estimated Purge Volume: 7 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): 0715 Weather Conditions: Partly Cloudy
 Sample Time/Date: 0805 13/4/03 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)
<u>0722</u>	<u>2</u>	<u>7.21</u>	<u>562</u>	<u>17.6</u>	_____	_____
<u>0730</u>	<u>4</u>	<u>7.18</u>	<u>553</u>	<u>17.8</u>	_____	_____
<u>0743</u>	<u>7</u>	<u>7.16</u>	<u>551</u>	<u>17.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-6</u>	<u>3 x voa vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: New Well dig

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4587
 Site Address: 609 Oak Street
 City: Oakland, CA

Job Number: 386428
 Event Date: 3/4/03 (inclusive)
 Sampler: G.R.

Well ID: C-7 Date Monitored: 3/4/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 26.45 ft.
 Depth to Water: 7.47 ft.
18.98 xVF 0.17 = 3.23 x3 (case volume) = Estimated Purge Volume: 10 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): 0640 Weather Conditions: Overcast
 Sample Time/Date: 0705 3/4/03 Water Color: gray Odor: NO
 Purging Flow Rate: 21 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0643</u>	<u>3</u>	<u>7.53</u>	<u>746</u>	<u>16.4</u>	_____	_____
<u>0646</u>	<u>6</u>	<u>7.49</u>	<u>759</u>	<u>16.4</u>	_____	_____
<u>0650</u>	<u>10</u>	<u>7.48</u>	<u>754</u>	<u>16.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: New well depth

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-4587 Job Number: 386428
 Site Address: 609 Oak Street Event Date: 3/4/03 (inclusive)
 City: Oakland, CA Sampler: G.R.

Well ID: CR-1 Date Monitored: 3/4/03 Well Condition: OK
 Well Diameter: 6 in.
 Total Depth: 27.25 ft.
 Depth to Water: 6.83 ft.
 Volume Factor (VF) table:

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

 Estimated Purge Volume: $20.42 \times VF_{1.52} = 150 \times 30.63 = 92$ 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): 1130 Weather Conditions: Overcast
 Sample Time/Date: 12131 3/4/03 Water Color: Clear Odor: NO
 Purging Flow Rate: ≈ 3 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)
<u>1144</u>	<u>30</u>	<u>6.77</u>	<u>981</u>	<u>18.7</u>	_____	_____
<u>1154</u>	<u>60</u>	<u>6.63</u>	<u>971</u>	<u>19.8</u>	_____	_____
<u>1205</u>	<u>92</u>	<u>6.38</u>	<u>963</u>	<u>20.3</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>CR-1</u>	<u>3 x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: New well depth

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

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Acct. #: 10904 Sample #: 4008474-81 SCR#: _____

3r^A 844163

Facility #: <u>SS#9-4587 G-R#386428 Global ID#T0600100351</u> Site Address: <u>609 OAK STREET, OAKLAND, CA</u> Chevron PM: <u>KS</u> Lead Consultant: <u>CAMBRIA</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>G. Rojas</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____				Matrix Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> <input type="checkbox"/> Oil <input type="checkbox"/> Air <input type="checkbox"/>		Analyses Requested										Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits									
Sample Identification				Date Collected		Time Collected		Grab <input type="checkbox"/> Composite <input type="checkbox"/>		Total Number of Containers		Preservation Codes										Comments / Remarks			
QA C-1 C-3 C-4 C-5 C-6 C-7 CR-1				3/4/03 ↓ ↓ ↓ ↓ ↓ ↓ ↓		— 1250 1115 1005 0858 0805 0705 1213		X X X X X X X X		X X X X X X X X		2 3 3 3 3 3 3 3		H H BTX + MTBE 8260 <input checked="" type="checkbox"/> 8021 TPH 8015 MOD GRO TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>										(Empty)	
Turnaround Time Requested (TAT) (please circle) STD. TAT 72 hour 48 hour 24 hour 4 day 5 day				Relinquished by: <u>[Signature]</u> Date: <u>3/7/03</u> Time: <u>1908</u>				Relinquished by: <u>[Signature]</u> Date: <u>3/10/03</u> Time: <u>1430</u>				Received by: <u>[Signature]</u> Date: <u>3/10/03</u> Time: <u>1430</u>				Received by: <u>[Signature]</u> Date: <u>3/10/03</u> Time: <u>1455</u>									
Data Package Options (please circle if required) QC Summary Type I — Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk				Relinquished by: <u>[Signature]</u> Date: <u>3/10/03</u> Time: <u>1630</u>				Relinquished by Commercial Carrier: <u>Airborne</u>				Received by: <u>[Signature]</u> Date: <u>3/10/03</u> Time: <u>0900</u>				UPS FedEx Other <u>Airborne</u>				Temperature Upon Receipt: <u>25, 25, 2, 2, 2, 15</u> Custody Seals Intact? Yes No <u>(N/A)</u>					



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 844163. Samples arrived at the laboratory on Tuesday, March 11, 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-030304	NA Water	4008474
C-1-W-030304	Grab Water	4008475
C-3-W-030304	Grab Water	4008476
C-4-W-030304	Grab Water	4008477
C-5-W-030304	Grab Water	4008478
C-6-W-030304	Grab Water	4008479
C-7-W-030304	Grab Water	4008480
CR-1-W-030304	Grab Water	4008481

1 COPY TO

Cambria C/O Gettler- Ryan

Attn: Deanna L. Harding

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Victoria M. Martell".

Victoria M. Martell
Chemist



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425



Lancaster Laboratories Sample No. WW 4008474

Collected: 03/04/2003 00:00

Account Number: 10904

Submitted: 03/11/2003 09:00

Reported: 03/19/2003 at 17:15

Discard: 04/19/2003

QA-T-030304

NA

Water

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 94587

Job# 386428

GRD

609 Oak St-Oakland

T0600100351 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/14/2003 01:46	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/14/2003 01:46	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/14/2003 01:46	Melissa D Mann	n.a.





Lancaster Laboratories Sample No. WW 4008475

Collected: 03/04/2003 12:50 by GR

Account Number: 10904

Submitted: 03/11/2003 09:00

ChevronTexaco

Reported: 03/19/2003 at 17:15

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

C-1-W-030304

Grab Water

San Ramon CA 94583

Facility# 94587

Job# 386428

GRD

609 Oak St-Oakland

T0600100351 C-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/14/2003	03:31	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	03/14/2003	03:31	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/14/2003	03:31	Linda C Pape	n.a.





Lancaster Laboratories Sample No. WW 4008476

Collected: 03/04/2003 11:15 by GR

Account Number: 10904

Submitted: 03/11/2003 09:00
 Reported: 03/19/2003 at 17:15
 Discard: 04/19/2003

ChevronTexaco
 6001 Bollinger Canyon Rd L4310

C-3-W-030304 Grab Water
 Facility# 94587 Job# 386428 GRD
 609 Oak St-Oakland T0600100351 C-3

San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters 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.	n.a.	N.D.	50.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	0.69	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/14/2003 04:07	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	03/14/2003 04:07	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/14/2003 04:07	Linda C Pape	n.a.





Lancaster Laboratories Sample No. WW 4008477

Collected: 03/04/2003 10:05 by GR

Account Number: 10904

Submitted: 03/11/2003 09:00

ChevronTexaco

Reported: 03/19/2003 at 17:15

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

C-4-W-030304 Grab Water

San Ramon CA 94583

Facility# 94587 Job# 386428 GRD

609 Oak St-Oakland T0600100351 C-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/14/2003 04:42	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	03/14/2003 04:42	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/14/2003 04:42	Linda C Pape	n.a.





Lancaster Laboratories Sample No. **WW 4008478**

Collected: 03/04/2003 08:58 by GR

Account Number: 10904

Submitted: 03/11/2003 09:00
 Reported: 03/19/2003 at 17:15
 Discard: 04/19/2003

ChevronTexaco
 6001 Bollinger Canyon Rd L4310

C-5-W-030304 Grab Water
 Facility# 94587 Job# 386428 GRD
 609 Oak St-Oakland T0600100351 C-5

San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/14/2003 05:17	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	03/14/2003 05:17	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/14/2003 05:17	Linda C Pape	n.a.



Lancaster Laboratories Sample No. WW 4008479

Collected: 03/04/2003 08:05 by GR

Account Number: 10904

Submitted: 03/11/2003 09:00

ChevronTexaco

Reported: 03/19/2003 at 17:15

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

C-6-W-030304 Grab Water
 Facility# 94587 Job# 386428 GRD
 609 Oak St-Oakland T0600100351 C-6

San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters 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.	n.a.	N.D.	50.	ug/l	1
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/14/2003 05:53	Linda C Pape	1
02159	BTEX, MTBE	SW-846 8021B	1	03/14/2003 05:53	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/14/2003 05:53	Linda C Pape	n.a.





Lancaster Laboratories Sample No. WW 4008480

Collected: 03/04/2003 07:05 by GR

Account Number: 10904

Submitted: 03/11/2003 09:00

ChevronTexaco

Reported: 03/19/2003 at 17:15

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

C-7-W-030304 Grab Water

San Ramon CA 94583

Facility# 94587 Job# 386428 GRD

609 Oak St-Oakland T0600100351 C-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/14/2003 12:58	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/14/2003 12:58	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/14/2003 12:58	Melissa D Mann	n.a.





Lancaster Laboratories Sample No. **WW 4008481**

Collected: 03/04/2003 12:13 by GR

Account Number: 10904

Submitted: 03/11/2003 09:00
 Reported: 03/19/2003 at 17:16
 Discard: 04/19/2003
 CR-1-W-030304

ChevronTexaco
 6001 Bollinger Canyon Rd L4310

Grab Water

San Ramon CA 94583

Facility# 94587 Job# 386428 GRD
 609 Oak St-Oakland T0600100351 CR-1

CAT No.	Analysis Name	CAS Number	AS Received Result	AS Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	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.					
02159	BTEX, MTBE					
02161	Benzene	71-43-2	N.D.	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	13.	2.5	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
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	03/14/2003 13:34	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/14/2003 13:34	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/14/2003 13:34	Melissa D Mann	n.a.



