

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

R 146

May 1, 2003

ChevronTexaco

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

Alameda County
MAY 06 2003
Environmental Health

Re: Chevron Service Station # 9-2506

Address: 2630 Broadway, Oakland, CA

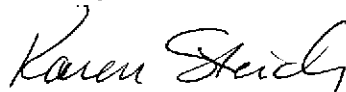
I have reviewed the attached routine groundwater monitoring report dated April 16, 2003.

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

Alameda County April 16, 2003
G R #385203

MAY 06 2003

Environmental Health

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

CC: Ms. Karen Strehl
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
#9-2506
2630 Broadway
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 7, 2003	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of March 11, 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 *April 30, 2003*, at which time the final report will be distributed to the following:

cc: Mr. Don Hwang, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

Enclosures

trans/9-2506-ks



GETTLER-RYAN INC.

April 7, 2003
G-R Job #385203

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

RE: First Semi-Annual Event of March 11, 2003
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-2506
2630 Broadway
Oakland, California

Dear Ms. Streich:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

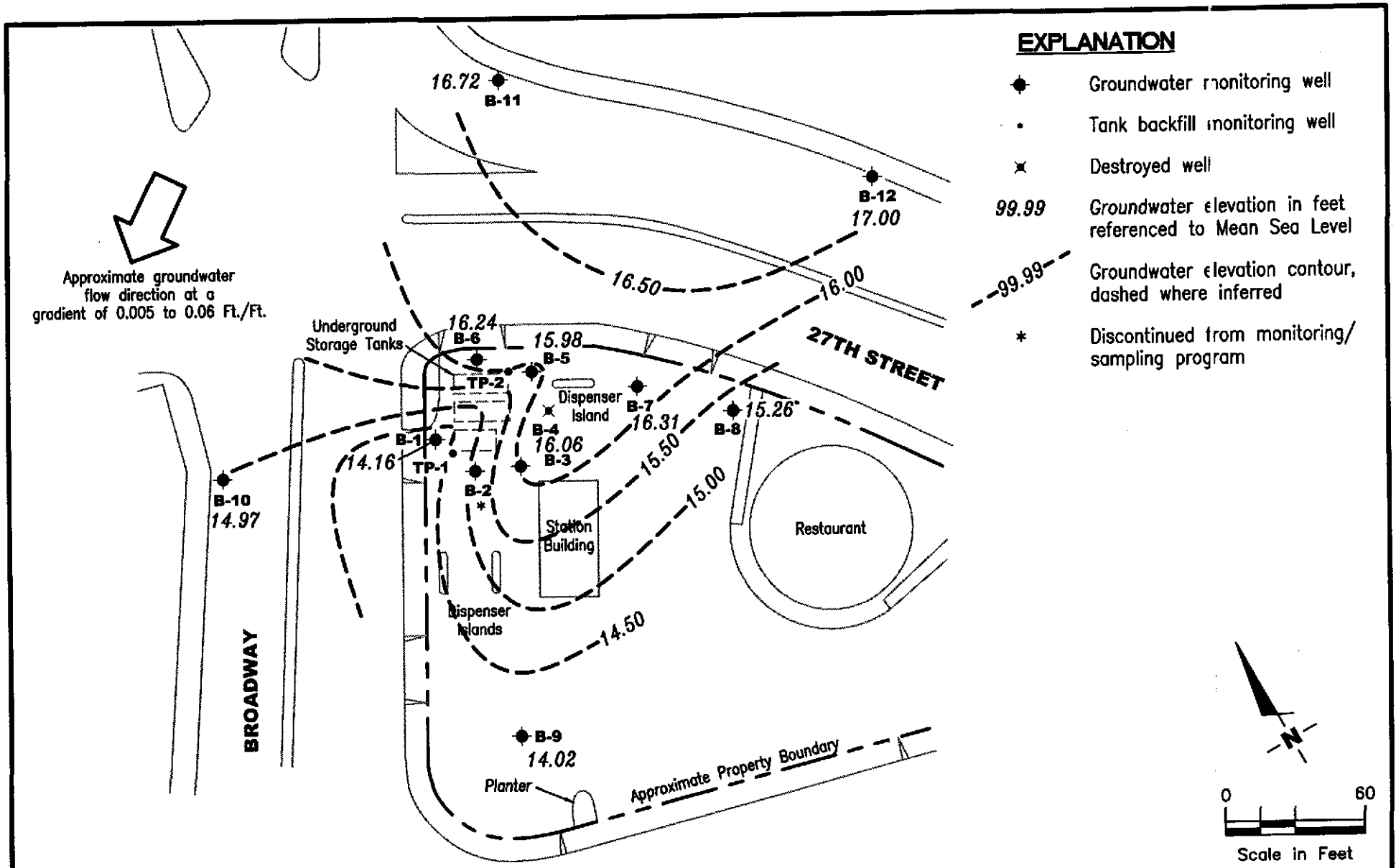
Sincerely,

Deanna L. Harding
Project Coordinator

Hagop Kevork
P.E. No. C55734



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



Source: Figure modified from drawing provided by RRM engineering contracting firm.

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

POTENTIOMETRIC MAP
 Former Chevron Service Station #9-2506
 2630 Broadway
 Oakland, California

FIGURE

1

PROJECT NUMBER
 385203

REVIEWED BY

DATE
 March 11, 2003

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2506
2630 Broadway
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
B-1											
03/18/82	23.00	15.19	7.81	--	--	--	--	--	--	--	--
03/25/82	23.00	14.33	8.67	--	--	--	--	--	--	--	--
05/21/82	23.00	13.70	9.30	--	--	--	--	--	--	--	--
05/26/82	23.00	12.82	10.18	--	--	--	--	--	--	--	--
06/24/82	23.00	13.08	9.92	--	--	--	--	--	--	--	--
09/09/93	23.00	13.10	9.90	--	--	8,800 ¹	240	280	<2.5	<7.5	--
12/02/93	23.00	13.90	9.10	--	--	1,100	100	7.9	3.4	3.9	--
03/17/94	23.00	13.59	9.41	--	--	1,600	370	13	13	26	--
06/10/94	23.00	13.11	9.89	--	--	1,400	270	24	18	78	--
09/15/94	23.00	11.76	11.24	--	--	4,100	740	<5.0	270	300	--
12/28/94	25.67	16.42	9.25	--	--	1,200	200	32	37	79	--
03/29/95	25.67	17.35	8.32	--	--	13,000	540	54	77	120	--
06/05/95	25.67	15.95	9.72	--	--	3,000	610	<25	<25	<25	--
09/21/95	25.67	14.75	10.92	--	--	630 ¹	5.4	<0.5	1.3	6.1	--
12/22/95	25.67	15.53	10.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	40,000
03/22/96	25.67	16.84	8.83	--	--	<1,200 ¹	150	<12	<12	<12	32,000
09/25/96	25.67	14.87	10.80	--	--	28,000 ¹	19	<12	<12	<12	38,000
03/06/97	25.67	16.52	9.15	--	--	<5,000	52	<50	<50	<50	18,000
09/12/97	25.67	14.95	10.72	--	--	89	<0.5	0.54	<0.5	1.3	9,200
04/02/98	25.67	16.41	9.26	--	--	<5,000	110	<50	<50	<50	25,000
09/15/98	25.67	15.15	10.52	--	--	<5,000	270	<50	<50	<60	51,000
03/09/99	25.69	17.44	8.25	--	--	418	27.2	<0.5	2.12	2.23	20,000/27,000 ⁴
07/29/99 ⁵	25.69	15.24	10.45	--	--	--	--	--	--	--	--
09/15/99	25.69	12.49	13.20	--	--	<2,000	<20	<20	<20	<20	37,000
03/01/00	25.69	14.24	11.45	--	--	308	<0.5	<0.5	<0.5	<0.5	23,000
08/31/00 ⁷	25.69	13.31	12.38	0.00	0.00	<500	<5.00	<5.00	<5.00	<5.00	20,600
03/09/01 ⁷	25.69	16.93	8.76	0.00	0.00	<1,000	<10.0	<10.0	<10.0	<10.0	15,600
09/21/01 ⁷	25.69	13.84	11.85	0.00	0.00	350	0.89	<0.50	<0.50	<1.5	9,500/9,400 ¹²
08/21/02 ⁷	25.69	13.79	11.90	0.00	0.00	200	<0.50	<0.50	<0.50	<1.5	6,500/6,500 ¹²
03/11/03 ⁷	25.69	14.16	11.53	0.00	0.00	310	0.76	<0.50	<0.50	<1.5	7,000/7,400 ¹²

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2506
2630 Broadway
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)
B-2											
03/18/82	22.28	18.45	3.83	--	--	--	--	--	--	--	--
03/25/82	22.28	16.49	5.79	--	--	--	--	--	--	--	--
05/21/82	22.28	17.43	4.85	--	--	--	--	--	--	--	--
05/26/82	22.28	13.75	8.53	--	--	--	--	--	--	--	--
06/24/82	22.28	13.88	8.40	--	--	--	--	--	--	--	--
09/09/93	22.28	15.82	6.46	--	--	4,700	470	630	180	590	--
12/02/93	22.28	16.87	5.41	--	--	2,200	59	27	110	350	--
03/17/94	22.28	14.84	7.44	--	--	1,800	52	33	97	320	--
06/10/94	22.28	14.13	8.15	--	--	1,200	37	48	20	93	--
09/15/94	22.28	12.28	10.00	--	--	4,900	710	12	340	450	--
12/28/94	25.13	17.81	7.32	--	--	2,600	63	49	56	370	--
03/09/95 ²	--	--	--	--	--	--	--	--	--	--	--
03/09/01 ²	25.11	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
B-3											
03/18/82	21.78	16.13	5.65	--	--	--	--	--	--	--	--
03/25/82	21.78	16.03	5.75	--	--	--	--	--	--	--	--
05/21/82	21.78	16.20	5.58	--	--	--	--	--	--	--	--
05/26/82	21.78	13.79	7.99	--	--	--	--	--	--	--	--
06/24/82	21.78	14.10	7.68	--	--	--	--	--	--	--	--
09/09/93	21.78	15.79	5.99	--	--	7,800	500	760	180	720	--
12/02/93	21.78	16.08	5.70	--	--	9,800	790	870	380	1,500	--
03/17/94	21.78	15.28	6.50	--	--	2,400	88	55	74	270	--
06/10/94	21.78	14.55	7.23	--	--	2,300	110	95	84	240	--
09/15/94	21.78	12.62	9.16	--	--	5,000	670	9.3	340	410	--
12/28/94	24.35	17.91	6.44	--	--	4,100	650	34	320	440	--
03/29/95	24.35	18.88	5.47	--	--	3,300	170	2.2	51	85	--
06/05/95	24.35	17.30	7.05	--	--	2,500	850	31	170	85	--
09/21/95	24.35	15.43	8.92	--	--	2,900 ¹	1,300	280	140	100	--
12/22/95	24.35	15.82	8.53	--	--	5,400 ¹	340	37	150	460	8,600

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2506
2630 Broadway
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)
B-3 (cont)											
03/22/96	24.35	18.37	5.98	--	--	2,200	79	50	58	200	1,600
09/25/96	24.35	15.33	9.02	--	--	11,000	530	97	74	400	7,200
03/06/97	24.35	17.64	6.71	--	--	<500	20	<5.0	<5.0	<5.0	420
09/12/97	24.35	15.04	9.31	--	--	<500 ¹	<5.0	<5.0	<5.0	<5.0	1,900
04/02/98	24.35	17.02	7.33	--	--	110	8.3	0.79	4.0	7.4	590
09/15/98 ³	24.35	15.73	8.62	--	--	100	<0.5	<0.5	<0.5	<0.6	940
03/09/99	24.43	18.97	5.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	25.2/31.6 ⁴
07/29/99 ⁵	24.43	15.51	8.92	--	--	--	--	--	--	--	--
09/15/99	24.43	14.43	10.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	1,300
03/01/00 ⁶	24.43	16.88	7.55	--	0.40	--	--	--	--	--	--
08/31/00 ⁷	24.43	13.90	10.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	3,230
03/09/01 ⁷	24.43	19.37	5.06	0.00	0.00	<250	<2.50	<2.50	<2.50	<2.50	3,370
09/21/01	24.43	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--
08/21/02	24.43	UNABLE TO LOCATE - PAVED OVER			--	--	--	--	--	--	--
03/11/03	24.43	16.06	8.37	0.00	0.00	NOT SAMPLED - DUE TO INSUFFICIENT WATER				--	
B-5											
03/18/82	21.53	16.40	5.13	--	--	--	--	--	--	--	--
03/25/82	21.53	16.26	5.27	--	--	--	--	--	--	--	--
05/21/82	21.53	17.13	4.40	--	--	--	--	--	--	--	--
05/26/82	21.53	13.98	7.55	--	--	--	--	--	--	--	--
06/24/82	21.53	14.26	7.27	--	--	--	--	--	--	--	--
09/09/93	21.53	15.08	6.45	--	--	110,000	1,800	1,800	6,300	25,000	--
12/02/93	21.53	16.40	5.13	--	--	81,000	4,400	3,800	6,700	28,000	--
03/17/94	21.53	14.98	6.55	--	--	38,000	2,100	3,100	1,800	9,100	--
06/10/94	21.53	14.19	7.34	--	--	110,000	5,100	7,000	5,400	27,000	--
09/15/94	21.53	15.19	6.34	--	--	2,700	770	15	240	320	--
12/28/94	24.23	17.68	6.55	--	--	94,000	4,600	10,000	4,400	19,000	--
03/29/95	24.23	18.64	5.59	--	--	59,000	1,500	3,100	2,100	8,100	--
06/05/95	24.23	17.04	7.19	--	--	58,000	2,300	4,300	2,600	11,000	--
09/21/95	24.23	15.13	9.10	--	--	3,500 ¹	300	30	260	330	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2506
2630 Broadway
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)	
B-5 (cont)												
12/22/95	24.23	15.62	8.61	--	--	6,500 ¹	370	120	400	870	5,500	
03/22/96	24.23	18.21	6.02	--	--	13,000	410	1,000	750	2,900	5,400	
09/25/96	24.23	15.03	9.20	--	--	8,000	170	<5.0	140	110	7,200	
03/06/97	24.23	17.60	6.63	--	--	60,000	630	320	2,300	9,500	4,700	
09/12/97	24.23	15.93	8.30	--	--	1,400	66	<10	59	24	3,300	
04/02/98	24.23	17.00	7.23	--	--	1,000 ¹	5.9	2.1	18	5.1	470	
09/15/98	24.23	15.70	8.53	--	--	11,000	250	<100	290	740	4,600	
03/09/99	24.23	18.79	5.44	--	--	51,900	598	623	3,070	11,400	2,250/2,970 ⁴	
07/29/99 ⁵	24.23	16.13	8.10	--	--	--	--	--	--	--	--	
09/15/99	24.23	14.27	9.96	--	--	3,500	210	39	63	230	6,300	
03/01/00	24.23	18.09	6.14	--	--	32,400	238	110	1,710	6,500	1,300	
08/31/00 ⁷	24.23	15.25	8.98	0.00	0.00	4,730 ⁸	55.5	<5.00	246	613	2,420	
03/09/01	24.24	UNABLE TO LOCATE - WELL COVERED WITH DIRT AND ROCKS					--	--	--	--	--	--
09/21/01 ⁷	24.24	14.61	9.63	0.00	0.00	1,400	9.1	<0.50	6.2	24	1,700/1,600 ¹²	
08/21/02 ⁷	24.24	14.93	9.31	0.00	0.00	1,800	2.7	<0.50	12	3.7	330/320 ¹²	
03/11/03 ⁷	24.24	15.98	8.26	0.00	0.00	1,900	3.8	<0.50	72	30	550/620 ¹²	
B-6												
03/18/82	22.03	14.47	7.56	--	--	--	--	--	--	--	--	
03/25/82	22.03	15.95	6.08	--	--	--	--	--	--	--	--	
05/21/82	22.03	17.18	4.85	--	--	--	--	--	--	--	--	
05/26/82	22.03	13.72	8.31	--	--	--	--	--	--	--	--	
06/24/82	22.03	14.00	8.03	--	--	--	--	--	--	--	--	
09/09/93	22.03	13.91	8.12	--	--	6,800 ¹	<0.5	<0.5	<0.5	<1.0	--	
12/02/93	22.03	14.97	7.06	--	--	320	29	<0.5	<0.5	<0.5	--	
03/17/94	22.03	14.46	7.57	--	--	570	130	6.2	4.7	14	--	
06/10/94	22.03	13.82	8.21	--	--	1,500	100	81	51	240	--	
09/15/94	22.03	12.09	9.94	--	--	6,400	900	24	490	620	--	
12/28/94	24.72	17.27	7.45	--	--	350	110	4.4	3.7	14	--	
03/29/95	24.72	18.32	6.40	--	--	3,300	46	<0.5	1.3	1.2	--	
06/05/95	24.72	16.65	8.07	--	--	230	<0.5	<0.5	<0.5	<0.5	--	

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2506
2630 Broadway
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)
B-6 (cont)											
09/21/95	24.72	15.17	9.55	--	--	<50 ¹	<0.5	<0.5	<0.5	<0.5	--
12/22/95	24.72	15.81	8.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	15,000
03/22/96	24.72	17.78	6.94	--	--	<1,200 ¹	<12	<12	<12	<12	18,000
09/25/96	24.72	15.09	9.63	--	--	15,000 ¹	<10	<10	<10	<10	20,000
03/06/97	24.72	17.22	7.50	--	--	<5,000	<50	<50	<50	<50	18,000
09/12/97	24.72	15.02	9.70	--	--	<100 ¹	<1.0	<1.0	<1.0	<1.0	1,300
04/02/98	24.72	16.91	7.81	--	--	<500	17	<5.0	<5.0	<5.0	5,800
09/15/98	24.72	15.69	9.03	--	--	210	<1.0	<1.0	<1.0	<1.2	8,800
03/09/99	25.16	18.49	6.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	18.5/18.4 ⁴
07/29/99 ⁵	25.16	15.91	9.25	--	--	--	--	--	--	--	--
09/15/99	25.16	DRY	--	--	--	--	--	--	--	--	--
03/01/00	25.16	18.70	6.46	--	--	UNABLE TO SAMPLE		--	--	--	--
08/31/00 ⁷	25.16	DRY	--	--	--	--	--	--	--	--	--
03/09/01	25.11	19.25	5.86	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	49.7
09/21/01 ¹¹	25.11	DRY	--	--	--	--	--	--	--	--	--
08/21/02 ⁷	25.11	DRY	--	--	--	--	--	--	--	--	--
03/11/03 ⁷	25.11	16.24	8.87	0.00	0.00	NOT SAMPLED - DUE TO INSUFFICIENT WATER		--	--	--	--
B-7											
03/18/82	19.54	15.46	4.08	--	--	--	--	--	--	--	--
03/25/82	19.54	15.54	4.00	--	--	--	--	--	--	--	--
05/21/82	19.54	16.54	3.00	--	--	--	--	--	--	--	--
05/26/82	19.54	14.58	4.96	--	--	--	--	--	--	--	--
06/24/82	19.54	14.64	4.90	--	--	--	--	--	--	--	--
09/09/93	19.54	13.00	6.54	--	--	230	1.3	2.3	0.6	2.1	--
12/02/93	19.54	13.34	6.20	--	--	190	4.7	<0.5	1.1	1.9	--
03/17/94	19.54	14.35	5.19	--	--	320	15	3.3	1.0	3.0	--
06/10/94	19.54	13.57	5.97	--	--	210	6.1	5.7	2.3	5.8	--
09/15/94	19.54	11.76	7.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	22.22	17.18	5.04	--	--	520	17	4.8	2.5	2.1	--
03/29/95	22.22	17.87	4.35	--	--	420	6.0	2.3	1.8	0.9	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2506
2630 Broadway
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)
B-7 (cont)											
06/05/95	22.22	16.43	5.79	--	--	65	<0.5	<0.5	<0.5	<0.5	--
09/21/95	22.22	14.67	7.55	--	--	<50 ¹	<0.5	<0.5	<0.5	<0.5	--
12/22/95	22.22	13.06	9.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	930
03/22/96	22.22	17.62	4.60	--	--	300	1.0	0.5	<0.5	0.6	280
09/25/96	22.22	14.24	7.98	--	--	310 ¹	<0.5	0.6	<0.5	0.8	420
03/06/97	22.22	17.16	5.06	--	--	1,200	9.0	<0.5	<0.5	2.9	1,000
09/12/97	22.22	14.37	7.85	--	--	<500 ¹	<5.0	<5.0	<5.0	<5.0	3,500
04/02/98	22.22	17.90	4.32	--	--	<500	26	1.0	9.0	20	2,200
09/15/98	22.22	15.24	6.98	--	--	330	<0.5	<0.5	<0.5	<0.6	1,200
03/09/99	22.19	17.99	4.20	--	--	607	18.1	<5.0	<5.0	5.64	3,080/5,070 ⁴
07/29/99 ⁵	22.19	15.39	6.80	--	--	--	--	--	--	--	--
09/15/99	22.19	12.70	9.49	--	--	150	<0.5	<0.5	<0.5	0.64	1,100
03/01/00	22.19	17.22	4.97	--	--	230	<0.5	<0.5	<0.5	<0.5	557
08/31/00 ⁷	22.19	14.71	7.48	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	85.7
03/09/01 ⁷	22.18	18.54	3.64	0.00	0.00	235 ⁹	<0.500	<0.500	<0.500	<0.500	236
09/21/01 ⁷	22.18	14.35	7.83	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²
08/21/02 ⁷	22.18	14.90	7.28	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.6/2 ¹²
03/11/03 ⁷	22.18	16.31	5.87	0.00	0.00	260	0.80	<0.50	<0.50	<1.5	22/19 ¹²
B-8											
03/18/82	18.49	14.22	4.27	--	--	--	--	--	--	--	--
03/25/82	18.49	14.43	4.06	--	--	--	--	--	--	--	--
05/21/82	18.49	13.63	4.86	--	--	--	--	--	--	--	--
05/26/82	18.49	13.53	4.96	--	--	--	--	--	--	--	--
06/24/82	18.49	13.62	4.87	--	--	--	--	--	--	--	--
09/09/93	18.49	13.29	5.20	--	--	<50	3.4	<0.5	<0.5	<1.5	--
12/02/93	18.49	13.18	5.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	18.49	13.62	4.87	--	--	<50	1.7	0.5	<0.5	0.6	--
06/10/94	18.49	12.86	5.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/15/94	18.49	11.39	7.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	21.01	16.38	4.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-2506
 2630 Broadway
 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)	
B-8 (cont)												
03/29/95	21.01	16.81	4.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
06/05/95	21.01	15.83	5.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
09/21/95	21.01	14.21	6.80	--	--	<50 ¹	<0.5	<0.5	<0.5	<0.5	190	
12/22/95	21.01	14.53	6.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	86	
03/22/96	21.01	16.52	4.49	--	--	<50	<0.5	<0.5	<0.5	1.0	110	
09/25/96	21.01	13.83	7.18	--	--	90 ¹	<0.5	<0.5	<0.5	--	--	
03/06/97	21.01	INACCESSIBLE		--	--	--	--	--	--	--	--	
09/12/97	21.01	INACCESSIBLE		--	--	--	--	--	--	--	56	
04/02/98	21.01	16.79	4.22	--	--	<50	<0.5	<0.5	<0.5	<0.6	54	
09/15/98	21.01	14.03	6.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
03/09/99	20.99	17.30	3.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	52	
09/15/99	20.99	13.60	7.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	20.4	
03/01/00	20.99	17.43	3.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	29.3	
08/31/00	20.99	13.90	7.09	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	--	
03/09/01	21.00	UNABLE TO LOCATE - WELL COVERED WITH DIRT					--	--	--	--	--	--
09/21/01	21.01	UNABLE TO LOCATE - WELL COVERED WITH DIRT					--	--	--	--	--	12/11 ¹²
08/21/02	21.01	14.01	7.00	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.3/4 ¹²	
03/11/03	21.01	15.26	5.75	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5		
B-9												
08/04/94	--	14.08	11.53	--	--	650	4.4	2.4	6.3	14	--	
11/02/94	--	16.19	9.42	--	--	--	--	--	--	--	--	
12/28/94	25.61	17.26	8.35	--	--	2,400	290	8.4	90	36	--	
03/29/95	25.61	18.18	7.43	--	--	5,900	540	24	200	84	--	
06/05/95	25.61	17.14	8.47	--	--	3,000	130	<25	<25	<25	--	
09/21/95	25.61	16.62	8.99	--	--	240 ¹	1,500	14	62	55	--	
12/22/95	25.61	16.41	9.20	--	--	1,800	170	6.6	59	20	<6.0	
03/22/96	25.61	17.77	7.84	--	--	2,400	230	6.2	77	9.7	9.2	
09/25/96	25.61	16.37	9.24	--	--	1,800	28	4.7	39	13	56	
03/06/97	25.61	17.15	8.46	--	--	3,400	68	3.3	45	18	47	
09/12/97	25.61	16.46	9.15	--	--	560	13	7.9	5.8	16	67	

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2506
2630 Broadway
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)	
B-9 (cont)												
04/02/98	25.61	17.68	7.93	--	--	2,500 ¹	93	14	15	39	30	
09/15/98 ³	25.61	16.54	9.07	--	--	1,400	<0.5	<0.5	<0.5	<0.6	69	
03/09/99	22.93	16.05	6.88	--	--	1,160	133	10.1	7.5	3.27	178	
07/29/99 ⁵	22.93	14.05	8.88	--	--	--	--	--	--	--	--	
09/15/99	22.93	13.38	9.55	--	--	62	2.4	<0.5	<0.5	0.93	140	
03/01/00	22.93	16.28	6.65	--	--	335	16.5	0.649	1.49	1.15	132	
08/31/00 ⁷	22.93	13.59	9.34	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	
03/09/01 ⁷	22.93	16.58	6.35	0.00	0.00	1,840 ¹⁰	66.8	<2.00	7.61	7.42	<20.0	
09/21/01	22.93	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--	--
08/21/02 ⁷	22.93	13.55	9.38	0.00	0.00	280	4.6	<0.50	0.75	1.6	31/37 ¹²	
03/11/03 ⁷	22.93	14.02	8.91	0.00	0.00	830	36	2.6	<2.5	<7.5	100/71 ¹²	
B-10												
08/04/94	--	12.20	10.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
11/02/94	--	11.96	11.19	--	--	--	--	--	--	--	--	
12/28/94	23.15	12.85	10.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
03/29/95	23.15	13.47	9.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
06/05/95	23.15	12.56	10.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
09/21/95	23.15	12.28	10.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6	
12/22/95	23.15	12.74	10.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
03/22/96	23.15	13.04	10.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
09/25/96	23.15	13.00	10.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
03/06/97	23.15	13.17	9.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
09/12/97	23.15	12.25	10.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/02/98	23.15	12.97	10.18	--	--	<50	<0.5	<0.5	<0.5	<0.6	<10	
09/15/98 ³	23.15	12.24	10.91	--	--	<50	<0.5	<0.5	<0.5	<0.6	<10	
03/09/99	25.56	INACCESSIBLE		--	--	--	--	--	--	--	--	
03/19/99	25.56	15.51	10.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
09/15/99	25.56	14.80	10.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
03/01/00	25.56	15.78	9.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
08/31/00	25.56	14.88	10.68	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	

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Former Chevron Service Station #9-2506
2630 Broadway
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)
B-10 (cont)											
03/09/01	25.56	15.53	10.03	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	25.56	14.79	10.77	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²
08/21/02	25.56	15.00	10.56	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²
03/11/03	25.56	14.97	10.59	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 ¹²
B-11											
08/04/94	--	14.84	10.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	13.73	11.50	--	--	--	--	--	--	--	--
12/28/94	25.23	16.14	9.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	25.23	17.83	7.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	25.23	16.97	8.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	25.23	15.44	9.79	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6
12/22/95	25.23	15.68	9.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/22/96	25.23	17.88	7.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	25.23	15.02	10.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	25.23	17.47	7.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.5
09/12/97	25.23	15.15	10.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	25.23	18.30	6.93	--	--	<50	<0.5	1.5	<0.5	2.0	<10
09/15/98	25.23	16.07	9.16	--	--	<50	0.82	<0.5	<0.5	<0.5	<5.0
03/09/99	25.27	18.39	6.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/99	25.27	15.58	9.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/01/00	25.27	18.85	6.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.00
08/31/00	25.27	15.97	9.30	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	25.27	18.72	6.55	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	25.27	15.21	10.06	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²
08/21/02	25.27	15.80	9.47	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²
03/11/03	25.27	16.72	8.55	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 ¹²

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Former Chevron Service Station #9-2506
2630 Broadway
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)
B-12											
08/04/94	--	13.99	6.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/02/94	--	11.65	8.75	--	--	--	--	--	--	--	--
12/28/94	20.40	17.64	2.76	--	--	74	1.0	2.6	1.3	4.4	--
03/29/95	20.40	17.94	2.46	--	--	210	<0.5	<0.5	0.7	1.6	--
06/05/95	20.40	15.81	4.59	--	--	<50	<0.5	<0.5	<0.5	0.7	--
09/21/95	20.40	13.04	7.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	20.40	16.44	3.96	--	--	140 ¹	<0.5	<0.5	<0.5	0.93	<0.6
03/22/96	20.40	17.48	2.92	--	--	150	<0.5	0.8	<0.5	2.0	<5.0
09/25/96	20.40	12.56	7.84	--	--	90	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	20.40	17.23	3.17	--	--	270 ¹	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	20.40	13.59	6.81	--	--	130 ¹	<1.0	<1.0	<1.0	<1.0	<5.0
04/02/98	20.40	18.26	2.14	--	--	110 ¹	1.2	<0.5	<0.5	<0.5	12
09/15/98	20.40	14.07	6.33	--	--	130	<0.5	<0.5	<0.5	<0.5	<10
03/09/99	20.40	17.95	2.45	--	--	1,380	<10	<10	<10	<10	<100
09/15/99	20.40	13.69	6.71	--	--	320	<0.5	<0.5	<0.5	1.1	<2.5
03/01/00	20.40	17.55	2.85	--	--	206	<1.0	<1.0	<1.0	<1.0	<5.0
08/31/00	20.40	13.90	6.50	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	20.40	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
09/21/01	20.41	12.78	7.63	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²
08/21/02	20.41	13.99	6.42	0.00	0.00	58	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹²
03/11/03	20.41	17.00	3.41	0.00	0.00	84	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 ¹²
TP-1											
09/09/93	--	--	7.33	--	--	8,500	770	890	120	590	--
NOT MONITORED/SAMPLED											
TP-2											
09/09/93	--	--	6.18	--	--	13,000	2,400	3,200	380	1,900	--
NOT MONITORED/SAMPLED											

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Oakland, California

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B-4											
03/18/82	21.35	16.70	4.65	--	--	--	--	--	--	--	--
03/25/82	21.35	16.27	5.08	--	--	--	--	--	--	--	--
05/21/82	21.35	--	--	SPH	--	--	--	--	--	--	--
05/26/82	21.35	12.14	9.21	--	--	--	--	--	--	--	--
06/24/82	21.35	13.13	8.22	SPH	--	--	--	--	--	--	--
09/09/93	21.35	15.26	6.09	--	--	88,000	3,200	16,000	2,000	9,500	--
12/02/93	21.35	15.81	5.54	--	--	110,000	3,600	25,000	2,800	15,000	--
03/17/94	21.35	15.35	6.00	--	--	60,000	1,400	16,000	1,800	8,900	--
06/10/94	21.35	14.48	6.87	--	--	25,000	770	880	190	1,100	--
09/15/94	21.35	12.61	8.74	--	--	3,300	800	8.0	300	350	--
12/28/94	24.11	18.37	5.74	--	--	17,000	400	4,000	630	2,900	--
03/29/95 ²	--	--	--	--	--	--	--	--	--	--	--
DESTROYED											
BAILER BLANK											
09/09/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/02/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.6	--
TRIP BLANK											
09/09/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
12/02/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/10/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.6

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2506
2630 Broadway
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)											
03/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/25/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/06/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/12/97	--	--	--	--	--	<50	<0.5	0.55	<0.5	<0.5	<2.5
04/02/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/15/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.6	<10
03/09/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/15/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	4.5
03/01/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
09/21/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA											
08/21/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/11/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
 Former Chevron Service Station #9-2506
 2630 Broadway
 Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 31, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing	SPH = Separate Phase Hydrocarbons	MTBE = Methyl tertiary butyl ether
(ft.) = Feet	TPH-G = Total Petroleum Hydrocarbons as Gasoline	(ppb) = Parts per billion
GWE = Groundwater Elevation	B = Benzene	-- = Not Measured/Not Analyzed
(msl) = Mean sea level	T = Toluene	QA = Quality Assurance/Trip Blank
DTW = Depth to Water	E = Ethylbenzene	
SPHT = Separate Phase Hydrocarbon Thickness	X = Xylenes	

- * TOC elevations were surveyed on December 27, 2000, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, being a disc in a monument well in the sidewalk on Broadway, near the southwest corner of the site. (Benchmark Elevation = 24.182 feet, msl).
- 1 Chromatogram pattern indicated an unidentified hydrocarbon.
- 2 Well removed from monitoring program January 11, 1995, per approval of Alameda County Health Services.
- 3 Well analyzed for Semi-Volatile Organics Compounds (SVOCs). All compounds were not detected (ND).
- 4 Confirmation run.
- 5 ORC installed.
- 6 Free product encountered during purge.
- 7 ORC in well.
- 8 Laboratory report indicates gasoline C6-C12.
- 9 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 10 Laboratory report indicates weathered gasoline C6-C12.
- 11 Removed and replaced ORC in well.
- 12 MTBE by EPA Method 8260.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-2506
2630 Broadway
Oakland, California

WELL ID	DATE	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
B-1	09/21/01	3,200	9,400	<2	21	130	<2	<2
	08/21/02	1,400	6,500	<3.0	16	85	<3.0	<3.0
	03/11/03	1,800	7,400	<3	18	100	<3	<3
B-3	09/21/01	UNABLE TO LOCATE - PAVED OVER			--	--	--	--
	08/21/02	UNABLE TO LOCATE - PAVED OVER			--	--	--	--
	03/11/03	NOT SAMPLED - DUE TO INSUFFICIENT WATER			--	--	--	--
B-5	09/21/01	210	1,600	<2	39	25	<2	<2
	08/21/02	<100	320	<2	8	4	<2	<2
	03/11/03	20	620	<0.5	13	7	<0.5	<0.5
B-6	09/21/01	DRY	--	--	--	--	--	--
	08/21/02	DRY	--	--	--	--	--	--
	03/11/03	NOT SAMPLED - DUE TO INSUFFICIENT WATER			--	--	--	--
B-7	09/21/01	<100	<2	<2	<2	<2	<2	<2
	08/21/02	<100	2	<2	<2	<2	<2	<2
	03/11/03	<5	19	<0.5	<0.5	0.6	<0.5	<0.5
B-8	09/21/01	UNABLE TO LOCATE - WELL COVERED WITH DIRT			--	--	--	--
	08/21/02	<100	11	<2	<2	<2	<2	<2
	03/11/03	<5	4	<0.5	<0.5	<0.5	<0.5	<0.5
B-9	09/21/01	UNABLE TO LOCATE - PAVED OVER			--	--	--	--
	08/21/02	<100	37	<2	<2	<2	<2	<2
	03/11/03	91	71	<0.5	<0.5	1	<0.5	<0.5

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-2506
2630 Broadway
Oakland, California

WELL ID	DATE	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
B-10	09/21/01	<100	<2	<2	<2	<2	<2	<2
	08/21/02	<100	<2	<2	<2	<2	<2	<2
	03/11/03	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
B-11	09/21/01	<100	<2	<2	<2	<2	<2	<2
	08/21/02	<100	<2	<2	<2	<2	<2	<2
	03/11/03	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
B-12	09/21/01	<100	<2	<2	<2	<2	<2	<2
	08/21/02	<100	<2	<2	<2	<2	<2	<2
	03/11/03	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-2506
2630 Broadway
Oakland, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(ppb) = Parts per billion
-- = Not Analyzed

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: CnevronTexaco #9-2506 Job Number: 395203
 Site Address: 2630 Broadway Event Date: 3/11/03 (inclusive)
 City: Oakland, CA Sampler: Sim Herizon

Well ID: B-1 Date Monitored: 3/11/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 29.18 ft.
 Depth to Water: 11.53 ft.
 Volume Factor (VF): 17.65 xVF .17 = 3.0 x3 (case volume) = Estimated Purge Volume: 9.0 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 8
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer 8
 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): 1240 Weather Conditions: clear
 Sample Time/Date: 1300 / 3/11/03 Water Color: cloudy Odor: NO
 Purging Flow Rate: 5 gpm. Sediment Description: 1.9 lbs
 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>1241</u>	<u>3</u>	<u>7.02</u>	<u>896</u>	<u>20.1</u>		
<u>1242</u>	<u>6</u>	<u>6.63</u>	<u>863</u>	<u>18.7</u>		
<u>1243</u>	<u>9</u>	<u>6.52</u>	<u>867</u>	<u>20.0</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-1</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)</u>

COMMENTS: Well has Flip cap / NO Plug
Well Bent APPROX 8' DOWN, Had to use PIN Bailer
OK in well

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506
 Site Address: 2630 Broadway
 City: Oakland, CA

Job Number: 385203
 Event Date: 3/11/03 (inclusive)
 Sampler: Jim Herizon

Well ID: B-3
 Well Diameter: 2 in.
 Total Depth: 15.22 ft.
 Depth to Water: 8.37 ft.
6.85 x VF .17 = 1.16

Date Monitored: 3/11/03 Well Condition: OK

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

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

Start Time (purge): 1215 Weather Conditions: clear
 Sample Time/Date: 1 Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1218</u>	<u>1</u>	<u>6.57</u>	<u>1286</u>	<u>23.7</u>	_____	_____
_____	<u>2</u>	_____	_____	_____	_____	_____
_____	<u>3</u>	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-3</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)</u>
_____	_____	_____	_____	_____	_____

COMMENTS: casing Beat, Had to use Pin Bailer
1230 - 1000 SDF front water

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506 Job Number: 395203
 Site Address: 2630 Broadway Event Date: 3/11/03 (inclusive)
 City: Oakland, CA Sampler: Jim Herron

Well ID: B-5 Date Monitored: 3/11/03 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 19.39 ft.
 Depth to Water: 8.26 ft.
11.13 x VF .17 = 1.89 x3 (case volume) = Estimated Purge Volume: 5.67 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: _____ 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): 1310 Weather Conditions: Clear
 Sample Time/Date: 1330 3/11/03 Water Color: Grey Odor: Yes
 Purging Flow Rate: _____ gpm. Sediment Description: Heavy
 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>1314</u>	<u>2</u>	<u>6.98</u>	<u>566</u>	<u>19.2</u>	_____	_____
<u>1317</u>	<u>4</u>	<u>6.74</u>	<u>575</u>	<u>19.0</u>	_____	_____
<u>1320</u>	<u>6</u>	<u>6.57</u>	<u>559</u>	<u>19.0</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-5</u>	<u>6 x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: OK in well

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506
 Site Address: 2630 Broadway
 City: Oakland, CA

Job Number: 385203
 Event Date: 3/11/03 (inclusive)
 Sampler: Sim Herron

Well ID: B-6 Date Monitored: 3/11/03 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 9.20 ft.
 Depth to Water: 8.87 ft.
.33 xVF 117 = _____

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

x3 (case volume) = Estimated Purge Volume: _____ gal.

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

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

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

Start Time (purge): _____ 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
B-	x voa vial	YES	HCL	Lancaster	TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)

COMMENTS: INSUFF water, casing Bent approx 5' Down
OK in well

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506
 Site Address: 2630 Broadway
 City: Oakland, CA

Job Number: 385203
 Event Date: 3/11/03 (inclusive)
 Sampler: Sim Heeren

Well ID: B-7 Date Monitored: 3/11/03 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 19.28 ft.
 Depth to Water: 5.87 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

 $13.41 \times VF \ 1.17 = 2.27 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 6.83 \text{ gal.}$

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

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1345 Weather Conditions: Clear
 Sample Time/Date: 1400 13/11/03 Water Color: Clear Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: None
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1348</u>	<u>2.5</u>	<u>6.76</u>	<u>635</u>	<u>21.3</u>		
<u>1351</u>	<u>5.0</u>	<u>6.65</u>	<u>634</u>	<u>19.9</u>		
<u>1354</u>	<u>7.0</u>	<u>6.52</u>	<u>623</u>	<u>19.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-7</u>	<u>6 x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)</u>

COMMENTS: OK in well

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506
 Site Address: 2630 Broadway
 City: Oakland, CA

Job Number: 385203
 Event Date: 3/11/03 (inclusive)
 Sampler: Sim Herzog

Well ID: B-8 Date Monitored: 3/11/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 19.49 ft.
 Depth to Water: 5.75 ft.
13.74 xVF 1.17 = 2.33 x3 (case volume) = Estimated Purge Volume: 7.0 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: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Product Transferred to: _____

Start Time (purge): 1445 Weather Conditions: Clear
 Sample Time/Date: 1500 10/11/03 Water Color: Clear Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: light
 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>1447</u>	<u>2.5</u>	<u>7.65</u>	<u>588</u>	<u>19.5</u>		
<u>1450</u>	<u>5.0</u>	<u>6.84</u>	<u>598</u>	<u>17.9</u>		
<u>1455</u>	<u>7.0</u>	<u>6.62</u>	<u>583</u>	<u>17.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-8</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506
 Site Address: 2630 Broadway
 City: Oakland, CA

Job Number: 385203
 Event Date: 3/11/03 (inclusive)
 Sampler: Jim Heron

Well ID: B-9 Date Monitored: 3/11/03 Well Condition: OK

Well Diameter: 2 in.
 Total Depth: 17.10 ft.
 Depth to Water: 8.91 ft.
8.19 xVF, 17 = 139

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

x3 (case volume) = Estimated Purge Volume: 4.17 gal.

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

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

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

Start Time (purge): 1415 Weather Conditions: clear
 Sample Time/Date: 1430 13/11/03 Water Color: clear Odor: yes
 Purging Flow Rate: _____ gpm. Sediment Description: none
 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>1417</u>	<u>1.5</u>	<u>7.09</u>	<u>1456</u>	<u>19.3</u>		
<u>1419</u>	<u>3.0</u>	<u>7.13</u>	<u>1507</u>	<u>19.4</u>		
<u>1421</u>	<u>4.5</u>	<u>7.14</u>	<u>1525</u>	<u>19.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-9</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)</u>

COMMENTS: OK in well

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506
 Site Address: 2630 Broadway
 City: Oakland, CA

Job Number: 385203
 Event Date: 3/11/03 (inclusive)
 Sampler: Sim Heron

Well ID: B-10
 Well Diameter: 2 in.
 Total Depth: 19.08 ft.
 Depth to Water: 10.59 ft.
8.49

Date Monitored: 3/11/03 Well Condition: OK

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

xVF 1.17 = 1.44 x3 (case volume) = Estimated Purge Volume: 4.3 gal.

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

Sampling Equipment:
 Disposable Bailer X
 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): 1545 Weather Conditions: clear
 Sample Time/Date: 1600 3/11/03 Water Color: 1.5/1H Brown Odor: no
 Purging Flow Rate: _____ gpm. Sediment Description: 1.5/1H
 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>1550</u>	<u>1.5</u>	<u>7.42</u>	<u>381</u>	<u>18.6</u>	_____	_____
<u>1554</u>	<u>3.0</u>	<u>6.45</u>	<u>367</u>	<u>19.1</u>	_____	_____
<u>1557</u>	<u>4.0</u>	<u>6.26</u>	<u>360</u>	<u>19.1</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-10</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506 Job Number: 365203
 Site Address: 2630 Broadway Event Date: 3/11/03 (inclusive)
 City: Oakland, CA Sampler: Jim Herron

Well ID: B-11 Date Monitored: 3/11/03 Well Condition: OK
 Well Diameter: 2 in.
 Total Depth: 18.95 ft.
 Depth to Water: 8.55 ft.
 Volume Factor (VF) table:

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

 $16.40 \times VF .17 = 1.76 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 5.30 \text{ gal.}$

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

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

Time Started: _____ (2400 hrs)
 Time Bailed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ 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): 1010 Weather Conditions: clear
 Sample Time/Date: 1030 13/11/03 Water Color: light brown Odor: NO
 Purging Flow Rate: — gpm. Sediment Description: light
 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>1013</u>	<u>1.5</u>	<u>6.80</u>	<u>478</u>	<u>18.0</u>		
<u>1016</u>	<u>3.0</u>	<u>6.50</u>	<u>480</u>	<u>17.8</u>		
<u>1019</u>	<u>5.0</u>	<u>6.21</u>	<u>482</u>	<u>18.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-11</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-2506 Job Number: 385203
 Site Address: 2630 Broadway Event Date: 3/11/03 (inclusive)
 City: Oakland, CA Sampler: Jim Heron

Well ID: B-12 Date Monitored: 3/11/03 Well Condition: O/C
 Well Diameter: 2 in.
 Total Depth: 18.23 ft.
 Depth to Water: 3.41 ft.
14.82 xVF .17 = 2.51 x3 (case volume) = Estimated Purge Volume: 7.55 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 X
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Other: _____

Sampling Equipment:
 Disposable Bailer X
 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): 0945 Weather Conditions: Clear
 Sample Time/Date: 1000/3/11/03 Water Color: Clear Odor: Yes
 Purging Flow Rate: _____ gpm. Sediment Description: None
 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>947</u>	<u>2.5</u>	<u>6.96</u>	<u>415</u>	<u>19.4</u>	_____	_____
<u>949</u>	<u>5.0</u>	<u>6.52</u>	<u>922</u>	<u>17.9</u>	_____	_____
<u>953</u>	<u>7.5</u>	<u>6.45</u>	<u>440</u>	<u>17.0</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>B-12</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>Lancaster</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)/ 7 Oxy's(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

Add/Replaced Lock: _____

Add/Replaced Plug: _____ Size: _____

Chevron California Region Analysis Request/Chain of Custody



Grp # 844537
For Lancaster Laboratories use only

Acct. #: 10904 Sample #: 4010367-75 SCR#:

031203-008

Facility #: SS#9-2506 G-R#385203 Global ID#T0600101812
 Site Address: 2630 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: Jim Heron
 Service Order #: _____ Non SAR: _____

Matrix		Analyses Requested									
		Preservation Codes									
Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

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

8021 M1BE Confirmation
 Confirm highest hit by 8260
 Confirm all hits by 8260
 Run ___ oxy s on highest hit
 Run ___ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421
QA	3-11-03		X			X			2	X	X					
B-1	3-11-03	1300	X			X			6	X	X					
B-5	3-11-03	1330	X			X			6	X	X					
B-7	3-11-03	1400	X			X			6	X	X					
B-8	3-11-03	1500	X			X			6	X	X					
B-9	3-11-03	1430	X			X			6	X	X					
B-10	3-11-03	1600	X			X			6	X	X					
B-11	3-11-03	1030	X			X			6	X	X					
B-12	3-11-03	1000	X			X			6	X	X					

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)

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

Data Package Options (please circle if required)

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

Relinquished by: <u>[Signature]</u>	Date: 3-11-03	Time: 1730	Received by: <u>[Signature]</u>	Date: 3-12-03	Time: 1400
Relinquished by: <u>[Signature]</u>	Date: 3-12-03	Time: 1100	Received by: <u>Andres Amaya</u>	Date: 3-12-03	Time: 1400
Relinquished by: <u>Andres Amaya</u>	Date: 3-12-03	Time: 1600	Received by: <u>Airborne</u>	Date: 3-12-03	Time:
Relinquished by Commercial Carrier: UPS FedEx Other: <u>Airborne</u>	Temperature Upon Receipt: <u>3.0</u> °C		Received by: <u>[Signature]</u>	Date: 3/13/03	Time: 0900
			Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310San 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 844537. Samples arrived at the laboratory on Thursday, March 13, 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-030311	NA Water	4010367
B-1-W-030311	Grab Water	4010368
B-5-W-030311	Grab Water	4010369
B-7-W-030311	Grab Water	4010370
B-8-W-030311	Grab Water	4010371
B-9-W-030311	Grab Water	4010372
B-10-W-030311	Grab Water	4010373
B-11-W-030311	Grab Water	4010374
B-12-W-030311	Grab Water	4010375


1 COPY TO
ELECTRONIC
COPY TO

Cambria C/O Gettler- Ryan
Gettler-Ryan

Attn: Deanna L. Harding
Attn: Cheryl Hansen

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

Respectfully Submitted,



Victoria M. Martell
Chemist

Lancaster Laboratories Sample No. WW 4010367

Collected: 03/11/2003 00:00

Account Number: 10904

Submitted: 03/13/2003 09:50

ChevronTexaco

Reported: 03/19/2003 at 21:51

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

QA-T-030311

NA

Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland

T0600101812 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	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	03/18/2003 23:38		Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/18/2003 23:38		Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/18/2003 23:38		Melissa D Mann	n.a.

Lancaster Laboratories Sample No. WW 4010368

Collected: 03/11/2003 13:00 by JH

Account Number: 10904

 Submitted: 03/13/2003 09:50
 Reported: 03/19/2003 at 21:51
 Discard: 04/19/2003
 B-1-W-030311

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310

Grab Water

San Ramon CA 94583

 Facility# 92506 Job# 385203
 2630 Broadway Oakland T0600101812 B-1

GRD

B1BRO

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.	310.	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	0.76	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	7,000.	25.	ug/l	10
01595	Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	7,400.	25.	ug/l	50
02011	di-Isopropyl ether	108-20-3	N.D.	3.	ug/l	5
02013	Ethyl t-butyl ether	637-92-3	18.	3.	ug/l	5
02014	t-Amyl methyl ether	994-05-8	100.	3.	ug/l	5
02015	t-Butyl alcohol	75-65-0	1,800.	25.	ug/l	5
05402	1,2-Dichloroethane	107-06-2	N.D.	3.	ug/l	5
05412	1,2-Dibromoethane	106-93-4	N.D.	3.	ug/l	5
Due to the level of methyl tertiary butyl ether, the reporting limits for all GC/MS volatile compounds were raised.						

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	03/19/2003 10:13	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/18/2003 19:44	Melissa D Mann	10
02159	BTEX, MTBE	SW-846 8021B	1	03/19/2003 10:13	Melissa D Mann	1
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003 18:14	John B Kiser	5
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003 18:44	John B Kiser	50

Lancaster Laboratories Sample No. WW 4010368

Collected: 03/11/2003 13:00 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

ChevronTexaco

Reported: 03/19/2003 at 21:51

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

B-1-W-030311 Grab Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland T0600101812 B-1

BIBRO

01146	GC VOA Water Prep	SW-846 5030B	1	03/19/2003 10:13	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/17/2003 18:14	John B Kiser	n.a.

Lancaster Laboratories Sample No. WW 4010369

Collected: 03/11/2003 13:30 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

ChevronTexaco

Reported: 03/19/2003 at 21:51

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

B-5-W-030311

Grab Water

San Ramon CA 94583

 Facility# 92506 Job# 385203
 2630 Broadway Oakland T0600101812 B-5

GRD

B5BRO

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.	1,900.	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	3.8	0.50	ug/l	1
02164	Toluene	108-88-3	N.D.	0.50	ug/l	1
02166	Ethylbenzene	100-41-4	72.	0.50	ug/l	1
02171	Total Xylenes	1330-20-7	30.	1.5	ug/l	1
02172	Methyl tert-Butyl Ether	1634-04-4	550.	2.5	ug/l	1
01595	Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	620.	3.	ug/l	5
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	13.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	7.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	20.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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	03/18/2003 20:17	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/18/2003 20:17	Melissa D Mann	1
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003 19:15	John B Kiser	1
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003 19:46	John B Kiser	5
01146	GC VOA Water Prep	SW-846 5030B	1	03/18/2003 20:17	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/17/2003 19:15	John B Kiser	n.a.

Lancaster Laboratories Sample No. **WW 4010369**

Collected: 03/11/2003 13:30 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

Reported: 03/19/2003 at 21:51

Discard: 04/19/2003

B-5-W-030311

Grab

Water

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 92506 Job# 385203

2630 Broadway Oakland

T0600101812 B-5

GRD

B5BRO

Lancaster Laboratories Sample No. **HW 4010370**

Collected: 03/11/2003 14:00 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

ChevronTexaco

Reported: 03/19/2003 at 21:51

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

B-7-W-030311

Grab Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland T0600101812 B-7

B7BRO

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.	260.	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	0.80	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	22.	2.5	ug/l	1
01595	Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	19.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	0.6	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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	03/18/2003 20:51	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/18/2003 20:51	Melissa D Mann	1
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003 20:17	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/18/2003 20:51	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/17/2003 20:17	John B Kiser	n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4010370

Collected: 03/11/2003 14:00 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

Reported: 03/19/2003 at 21:51

Discard: 04/19/2003

ChevronTexaco

6001 Bollinger Canyon Rd L4310

B-7-W-030311

Grab

Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland

T0600101812 B-7

B7BRO

Lancaster Laboratories Sample No. **WW 4010371**

Collected: 03/11/2003 15:00 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

ChevronTexaco

Reported: 03/19/2003 at 21:51

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

B-8-W-030311

Grab Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland T0600101812 B-8

B8BRO

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	5.3	2.5	ug/l	1
01595	Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	4.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	03/18/2003	21:25	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/18/2003	21:25	Melissa D Mann	1
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003	20:48	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/18/2003	21:25	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/17/2003	20:48	John B Kiser	n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4010371

Collected: 03/11/2003 15:00 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

Reported: 03/19/2003 at 21:51

Discard: 04/19/2003

B-8-W-030311

Grab Water

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 92506 Job# 385203

2630 Broadway Oakland T0600101812 B-8

GRD

B8BRO

Lancaster Laboratories Sample No. WW 4010372

Collected: 03/11/2003 14:30 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

ChevronTexaco

Reported: 03/19/2003 at 21:52

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

B-9-W-030311

Grab

Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland T0600101812 B-9

B9BRO

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.	830.	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	36.	2.5	ug/l	5
02164	Toluene	108-88-3	2.6	2.5	ug/l	5
02166	Ethylbenzene	100-41-4	N.D.	2.5	ug/l	5
02171	Total Xylenes	1330-20-7	N.D.	7.5	ug/l	5
02172	Methyl tert-Butyl Ether	1634-04-4	100.	13.	ug/l	5
	The reporting limits were raised because sample dilution was necessary to bring the internal standard peak area into the calibration range of the system.					
01595	Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	71.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	1.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	91.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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	03/19/2003 01:19	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/19/2003 09:40	Melissa D Mann	5
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003 21:19	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/19/2003 01:19	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/17/2003 21:19	John B Kiser	n.a.

Lancaster Laboratories Sample No. WW 4010372

Collected: 03/11/2003 14:30 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

Reported: 03/19/2003 at 21:52

Discard: 04/19/2003

ChevronTexaco

6001 Bollinger Canyon Rd L4310

B-9-W-030311

Grab

Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland

T0600101812 B-9

B9BRO

Lancaster Laboratories Sample No. WW 4010373

Collected: 03/11/2003 16:00 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

Reported: 03/19/2003 at 21:52

Discard: 04/19/2003

B-10-W-030311

Grab Water

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 92506 Job# 385203 GRD

2630 Broadway Oakland T0600101812 B-10

B10BR

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
01595	Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/19/2003	01:52	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/19/2003	01:52	Melissa D Mann	1
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003	13:21	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/19/2003	01:52	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/17/2003	13:21	John B Kiser	n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4010373

Collected: 03/11/2003 16:00 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

Reported: 03/19/2003 at 21:52

Discard: 04/19/2003

B-10-W-030311

Grab

Water

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 92506 Job# 385203

2630 Broadway Oakland

T0600101812 B-10

GRD

B10BR

Lancaster Laboratories Sample No. WW 4010374

Collected: 03/11/2003 10:30 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

ChevronTexaco

Reported: 03/19/2003 at 21:52

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

B-11-W-030311

Grab

Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland

T0600101812 B-11

B11BR

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
01595	Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/19/2003	02:25	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/19/2003	02:25	Melissa D Mann	1
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003	13:52	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/19/2003	02:25	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/17/2003	13:52	John B Kiser	n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4010374

Collected: 03/11/2003 10:30 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

ChevronTexaco

Reported: 03/19/2003 at 21:52

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

B-11-W-030311

Grab Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland T0600101812 B-11

B11BR

Lancaster Laboratories Sample No. **WN 4010375**

Collected: 03/11/2003 10:00 by JH

Account Number: 10904

 Submitted: 03/13/2003 09:50
 Reported: 03/19/2003 at 21:52
 Discard: 04/19/2003
 B-12-W-030311

 ChevronTexaco
 6001 Bollinger Canyon Rd L4310

Grab Water

San Ramon CA 94583

 Facility# 92506 Job# 385203 GRD
 2630 Broadway Oakland T0600101812 B-12

B12BR

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.	84.	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
01595	Oxygenates by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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	03/19/2003 02:59	Melissa D Mann	1
02159	BTEX, MTBE	SW-846 8021B	1	03/19/2003 02:59	Melissa D Mann	1
01595	Oxygenates by 8260B	SW-846 8260B	1	03/17/2003 14:23	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/19/2003 02:59	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/17/2003 14:23	John B Kiser	n.a.



Analysis Report

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Lancaster Laboratories Sample No. WW 4010375

Collected: 03/11/2003 10:00 by JH

Account Number: 10904

Submitted: 03/13/2003 09:50

ChevronTexaco

Reported: 03/19/2003 at 21:52

6001 Bollinger Canyon Rd L4310

Discard: 04/19/2003

B-12-W-030311

Grab Water

San Ramon CA 94583

Facility# 92506 Job# 385203

GRD

2630 Broadway Oakland

T0600101812 B-12

B12BR

Quality Control Summary

 Client Name: ChevronTexaco
 Reported: 03/19/03 at 09:52 PM

Group Number: 844537

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 03076A53A	Sample number(s): 4010367-4010375							
TPH-GRO - Waters	N.D.	50.	ug/l	120	126	70-130	5	30
Benzene	N.D.	.5	ug/l	97	99	80-118	2	30
Toluene	N.D.	.5	ug/l	98	100	82-119	3	30
Ethylbenzene	N.D.	.5	ug/l	97	100	81-119	3	30
Total Xylenes	N.D.	1.5	ug/l	101	104	82-120	3	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	106	108	79-127	3	30
Batch number: 03076A53B	Sample number(s): 4010368,4010372							
TPH-GRO - Waters	N.D.	50.	ug/l	120	126	70-130	5	30
Benzene	N.D.	.5	ug/l	97	99	80-118	2	30
Toluene	N.D.	.5	ug/l	98	100	82-119	3	30
Ethylbenzene	N.D.	.5	ug/l	97	100	81-119	3	30
Total Xylenes	N.D.	1.5	ug/l	101	104	82-120	3	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	106	108	79-127	3	30
Batch number: P030761AA	Sample number(s): 4010373-4010375							
Methyl Tertiary Butyl Ether	N.D.	.5	ug/l	106		77-127		
di-Isopropyl ether	N.D.	.5	ug/l	75		74-125		
Ethyl t-butyl ether	N.D.	.5	ug/l	93		74-120		
t-Amyl methyl ether	N.D.	.5	ug/l	108		79-113		
t-Butyl alcohol	N.D.	.5	ug/l	67		53-147		
1,2-Dichloroethane	N.D.	.5	ug/l	114		77-132		
1,2-Dibromoethane	N.D.	.5	ug/l	89		81-114		
Batch number: P030762AA	Sample number(s): 4010368-4010372							
Methyl Tertiary Butyl Ether	N.D.	.5	ug/l	113		77-127		
di-Isopropyl ether	N.D.	.5	ug/l	78		74-125		
Ethyl t-butyl ether	N.D.	.5	ug/l	97		74-120		
t-Amyl methyl ether	N.D.	.5	ug/l	113		79-113		
t-Butyl alcohol	N.D.	.5	ug/l	114		53-147		
1,2-Dichloroethane	N.D.	.5	ug/l	124		77-132		
1,2-Dibromoethane	N.D.	.5	ug/l	98		81-114		

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>BKG</u>	<u>DUP</u>	<u>DUP</u>	<u>Dup RPD</u>	<u>Max</u>
				<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Batch number: 03076A53A	Sample number(s): 4010367-4010375								
TPH-GRO - Waters	123	124	70-130	1	30				
Benzene	102	107	67-136	5	20				
Toluene	103	107	78-129	4	30				
Ethylbenzene	104	107	75-133	4	30				
Total Xylenes	106	111	86-132	4	30				
Methyl tert-Butyl Ether	107	116	66-136	8	30				
Batch number: 03076A53B	Sample number(s): 4010368,4010372								
TPH-GRO - Waters	123	124	70-130	1	30				
Benzene	102	107	67-136	5	20				
Toluene	103	107	78-129	4	30				
Ethylbenzene	104	107	75-133	4	30				
Total Xylenes	106	111	86-132	4	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: 03/19/03 at 09:52 PM

Group Number: 844537

Sample Matrix Quality Control

Analysis Name	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD Max
<u>%REC</u>	<u>%REC</u>	<u>Limite</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Max</u>
Methyl tert-Butyl Ether	107	116	66-136	8	30			
Batch number: P030761AA	Sample number(s): 4010373-4010375							
Methyl Tertiary Butyl Ether	107	106	69-134	1	30			
di-Isopropyl ether	77	77	75-130	0	30			
Ethyl t-butyl ether	95	95	73-123	1	30			
t-Amyl methyl ether	109	109	77-117	0	30			
t-Butyl alcohol	65	67	39-155	2	30			
1,2-Dichloroethane	118	114	73-136	3	30			
1,2-Dibromoethane	87	89	78-120	2	30			
Batch number: P030762AA	Sample number(s): 4010368-4010372							
Methyl Tertiary Butyl Ether	110	114	69-134	4	30			
di-Isopropyl ether	76	80	75-130	5	30			
Ethyl t-butyl ether	92	97	73-123	5	30			
t-Amyl methyl ether	108	111	77-117	3	30			
t-Butyl alcohol	108	115	39-155	6	30			
1,2-Dichloroethane	119	126	73-136	6	30			
1,2-Dibromoethane	93	99	78-120	6	30			

Surrogate Quality Control

 Analysis Name: BTEX, MTBE
 Batch number: 03076A53A

Trifluorotoluene-F Trifluorotoluene-P

4010367	93	99
4010369	101	97
4010370	100	99
4010371	96	103
4010372	112	
4010373	95	97
4010374	97	100
4010375	100	102
Blank	94	99
LCS	101	102
LCSD	101	101
MS	108	102
MSD	107	101
<hr/>		
Limits:	57-146	66-136

 Analysis Name: BTEX, MTBE
 Batch number: 03076A53B

Trifluorotoluene-F Trifluorotoluene-P

4010368	95	92
4010372		91
Blank	102	98
LCS	101	102
LCSD	101	101
MS	108	102

*- 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: 03/19/03 at 09:52 PM

Group Number: 844537

Surrogate Quality Control

MSD 107 101

Limits: 57-146 66-136

Analysis Name: Oxygenates by 8260B

Batch number: P030761AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4010373	98	84	103	104
4010374	98	87	102	104
4010375	99	87	103	103
Blank	98	88	104	105
LCS	100	86	105	108
MS	98	85	103	105
MSD	97	90	105	107

Limits: 81-120 82-112 85-112 83-113

Analysis Name: Oxygenates by 8260B

Batch number: P030762AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4010368	105	98	105	104
4010369	103	96	104	106
4010370	101	95	107	104
4010371	98	96	106	103
4010372	99	97	107	105
Blank	103	94	106	106
LCS	105	93	104	108
MS	105	95	104	107
MSD	104	90	106	106

Limits: 81-120 82-112 85-112 83-113

*- Outside of specification

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

Explanation of Symbols and Abbreviations

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

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

U.S. EPA CLP Data Qualifiers:

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

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

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

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

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