RO 284

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

Karen Streich
Project Manager

October 29, 2003

ChevronTexaco

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

Re: Chevron Service Station # 9-0121

Address: 3026 Lakeshore Ave., Oakland, CA

I have reviewed the attached routine groundwater monitoring report dated October 14, 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

Karen Streich
Project Manager

Enclosure: Report

GETTLER-RYAN INC.

TRANSMITTAL

October 14, 2003
G-R #386462

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

Alameda County
OCT 31 2003
Environmental Health

RE: Chevron Service Station
#9-0121
3026 Lakeshore Avenue
Oakland, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 7, 2003	Groundwater Monitoring and Sampling Report Third Quarter - Event of September 8, 2003

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***October 28, 2003***, at which time the final report will be distributed to the following:

cc: Ms. Eva Chu, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577

Enclosures

trans/9-0121-KS

GETTLER-RYAN INC.

October 7, 2003
G-R Job #386462

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

RE: Third Quarter Event of September 8, 2003
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0121
3026 Lakeshore Avenue
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. Dissolved Oxygen concentrations are presented in Table 2.

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

Robert C. Mallory
Registered Geologist, No. 7285

REGISTERED GEOLOGIST
ROBERT C. MALLORY
No. 7285
Exp. 01/04
STATE OF CALIFORNIA

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Dissolved Oxygen Concentrations
Table 3: Groundwater Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
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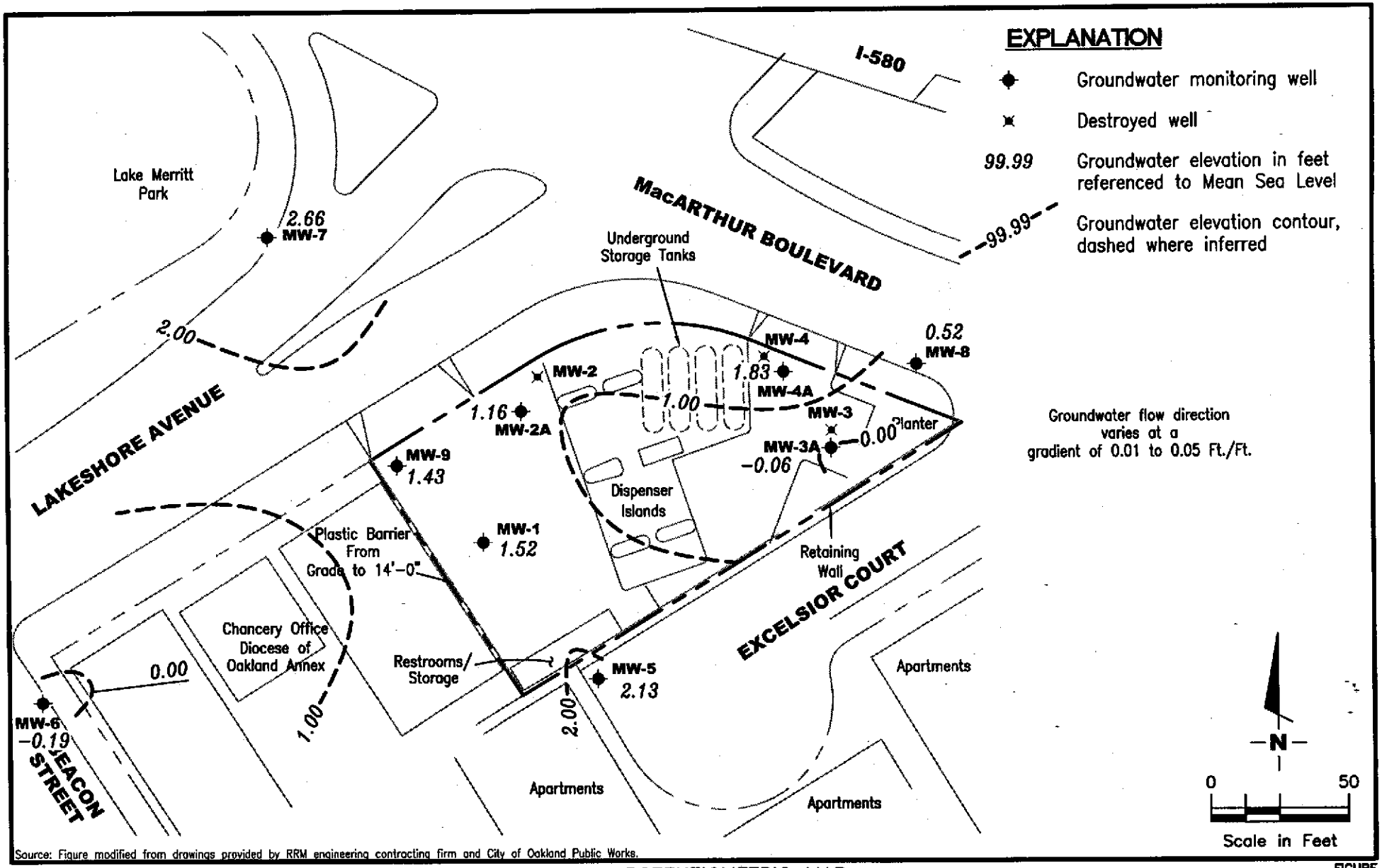

Source: Figure modified from drawings provided by RRM engineering contracting firm and City of Oakland Public Works.

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

POTENTIOMETRIC MAP
Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386462		September 8, 2003	

FILE NAME: P:\ENVIRO\CHEVRON\9-0121\003-9-0121.DWG | Layout Tab: Pat3

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-1													
08/20/91	6.82	1.62	5.20	--	--	260	5,100	1,700	21	220	34	--	--
09/30/91	6.82	1.15	5.67	Sheen	--	--	--	--	--	--	--	--	--
10/28/91	6.82	1.50	5.30	0.03	--	--	--	--	--	--	--	--	--
01/08/92	6.82	1.67	5.15	Sheen	--	4,400	5,400	770	13	95	31	--	--
01/13/92	6.82	--	--	--	--	--	--	--	--	--	--	--	--
06/23/92	6.89	1.48	5.41	--	--	2,000	7,700	1,500	40	230	100	--	--
08/24/92	6.89	1.12	5.77	--	--	--	--	--	--	--	--	--	--
09/21/92	6.89	1.00	5.89	--	--	<50	3,500	1,700	28	190	78	--	--
10/26/92	6.89	0.95	5.94	--	--	--	--	--	--	--	--	--	--
12/23/92	6.89	2.18	4.71	--	--	5,500	60,000	7,100	240	2,000	1,300	--	--
01/08/93	6.89	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	6.89	2.17	4.72	--	--	<10	530	1,100	41	67	79	--	--
06/11/93	6.89	5.37	5.07	--	--	--	7,000	1,900	33	120	69	9,600	840
09/29/93	6.89	1.13	5.76	--	--	<10	6,600	1,600	28	43	74	--	--
12/20/93	6.89	1.74	5.15	--	--	<10	6,300	1,900	36	82	65	--	--
03/07/94	6.89	2.21	4.68	--	--	<10	7,700	1,100	55	66	38	12,000	--
06/17/94	6.89	1.83	5.06	--	--	2,200	4,300	710	12	90	38	--	--
09/12/94	6.89	1.24	5.65	--	--	2,500	6,400	1,500	<25	180	<25	12,000	--
11/30/94	6.89	2.32	4.57	--	--	2,300[1]	4,900	690	26	97	60	3,900	--
03/24/95	6.89	3.91	2.98	--	--	1,400[2]	1,800	160	7.3	11	14	1,300	--
06/27/95	6.89	1.87	5.02	--	--	2,300[2]	4,600	1,300	11	97	13	5,100	--
09/28/95	6.89	1.59	5.30	--	--	3,900[2]	6,600	1,500	<20	<20	<20	5,800	--
12/19/95	6.89	2.21	4.68	--	--	2,600[2]	3,800	930	<10	100	<10	6,300	--
02/28/96	6.89	3.27	3.62	--	--	1,800[2]	3,600	280	<5.0	18	5.5	2,200	--
06/25/96	6.89	1.87	5.02	--	--	3,000	4,700	1,600	36	150	31	3,000	--
12/17/96	6.89	2.23	4.66	--	--	2,700[3]	7,800	1,000	28	340	63	1,200	--
03/31/97	6.89	2.01	4.88	--	--	2,200[2]	5,300	590	55	210	53	950	--
06/30/97	6.89	1.32	5.57	--	--	2,200[2]	4,400	350	<10	<10	11	580	--
09/12/97	6.89	1.56	5.33	--	--	2,300[2]	3,400	220	9.5	15	11	460	--
12/05/97	6.89	2.44	4.45	--	--	1,900[2]	4,700	870	21	120	18	750	--
02/16/98	6.89	3.52	3.37	--	--	1,600[2]	4,400	120	12	11	7.7	270	--
06/17/98	6.89	2.24	4.65	--	--	1,300[2]	7,800	<25	50	34	650	650	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121

3026 Lakeshore Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-1 (cont)													
08/31/98	6.89	1.70	5.19	--	--	2,400[2]	3,700	620	17	120	31	380	--
12/28/98	6.89	1.94	4.95	--	--	1,500[2]	3,800	250	14	28	15	330	--
03/04/99	6.89	3.24	3.65	--	--	1,070[2]	1,560	17.9	<0.5	4.17	1.05	70.4	--
06/14/99	6.89	1.89	5.00	--	--	2,500[2]	<10,000	820	240	320	640	<500	--
09/17/99	6.89	0.30	6.59	--	--	2,110[2]	3,300	141	12.3	<10	<10	238	--
12/20/99	6.89	1.92	4.97	--	--	1,840[2]	2,990	218	16.3	20	<10	232	--
03/20/00	6.89	3.11	3.78	--	--	938[2]	1,340	20	3.07	1.87	1.87	29.1	--
06/24/00[5]	6.89	2.45	4.44	0.00	0.00	1,680[9]	1,500[7]	12	5.3	<2.5	7.9	190	--
09/07/00[5]	6.89	1.74	5.15	0.00	0.00	1,500[9]	3,100[7]	190	13	14	<10	210	--
12/05/00[5]	6.89	2.16	4.73	0.00	0.00	970[13]	2,140[14]	248	<5.00	20.5	<5.00	<25.0	--
03/01/01[5]	6.89	3.33	3.56	0.00	0.00	610[9]	1,000[7]	21	<10	<10	<10	280	--
06/04/01[5]	6.89	2.13	4.76	0.00	0.00	1,100[9]	2,800[7]	310	23	11	15	470	--
09/10/01[5]	6.89	1.28	5.61	0.00	0.00	2,600	2,500[16]	<20	26	<20	<20	310	--
12/03/01[5]	6.89	3.31	3.58	0.00	0.00	2,700	2,400	30	7.3	7.0	6.5	160	--
03/04/02[5]	6.89	2.36	4.53	0.00	0.00	2,700	3,300	120	17	22	9.0	110	--
05/30/02[5]	6.89	2.41	4.48	0.00	0.00	2,700	4,100	110	9.3	22	11	100	--
09/03/02[5]	6.89	1.42	5.47	0.00	0.00	2,900	3,700	<5.0	7.8	3.2	10	130	--
12/09/02[5]	6.89	1.61	5.28	0.00	0.00	3,000	2,900	35	5.1	5.5	8.3	170	--
03/10/03[5]	6.89	2.50	4.39	0.00	0.00	1,600	3,000	42	5.0	8.2	8.7	110	--
06/09/03[5,18]	6.89	2.53	4.36	0.00	0.00	2,000	5,200	140	16	20	15	100	--
09/08/03[5,18,19]	**6.89**	**1.52**	**5.37**	**0.00**	**0.00**	**2,100**	**3,500**	**4**	**10**	**2**	**11**	**200**	**--**
MW-2													
08/20/91	6.27	1.92	4.35	--	--	600	9,300	3,700	55	530	75	--	--
09/30/91	6.27	1.28	4.99	--	--	--	3,500	2,600	47	440	68	--	--
10/28/91	6.27	1.36	4.91	--	--	--	4,600	1,800	29	290	53	--	--
01/08/92	6.27	1.63	4.64	Sheen	--	--	14,000	4,300	70	<25	130	--	--
01/13/92	6.27	--	--	--	--	38,000	--	--	--	--	--	--	--
06/23/92	6.27	1.63	4.64	0.02	--	--	--	--	--	--	--	--	--
08/24/92	6.27	1.34	4.94	0.02	--	--	--	--	--	--	--	--	--
09/21/92	6.27	1.20	5.08	0.01	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121

3026 Lakeshore Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-2 (cont)													
10/26/92	6.27	0.34	5.93	--	--	--	--	--	--	--	--	--	--
12/23/92	6.27	--	--	--	--	160,000	21,000	5,400	59	1,300	160	--	--
01/08/93	6.27	2.57	3.70	--	--	--	--	--	--	--	--	--	--
03/25/93	6.27	2.89	3.38	Sheen	--	--	--	--	--	--	--	--	--
06/11/93	6.27	2.09	4.18	--	--	--	5,900	1,100	23	240	51	--	2,300
09/29/93	6.27	0.07	6.20	--	--	--	--	--	--	--	--	--	--
12/20/93	6.27	1.94	4.35	0.02	--	--	--	--	--	--	--	--	--
03/07/94	6.27	2.60	3.67	--	--	<10	26,000	5,700	170	1,000	150	--	--
06/17/94	6.27	2.25	4.02	Sheen	--	--	--	--	--	--	--	--	--
09/12/94	6.27	1.45	4.83	0.01	--	--	--	--	--	--	--	--	--
11/30/94	6.27	2.27	4.00	--	--	INACCESSIBLE		--	--	--	--	--	--
03/24/95	6.27	2.73	4.01	0.59	--	--	--	--	--	--	--	--	--
06/27/95	6.27	1.71	4.96	0.50	0.013	--	--	--	--	--	--	--	--
09/28/95	6.27	2.62	4.25	0.75	0.013	--	--	--	--	--	--	--	--
12/19/95	6.27	1.99	4.76	0.60	0.010	--	--	--	--	--	--	--	--
02/28/96	6.27	1.99	4.58	0.38	0.008	--	--	--	--	--	--	--	--
06/25/96	6.27	2.36	4.29	0.47	0.030	--	--	--	--	--	--	--	--
12/17/96	6.27	2.22	4.16	0.14	--	--	--	--	--	--	--	--	--
03/31/97	6.27	2.34	4.07	0.18	0.030	--	--	--	--	--	--	--	--
06/30/97	6.27	2.06	4.32	0.14	0.030	--	--	--	--	--	--	--	--
09/12/97	6.27	2.00	4.38	0.14	--	--	--	--	--	--	--	--	--
12/05/97	6.27	2.51	3.78	0.02	--	--	--	--	--	--	--	--	--
02/16/98	6.27	3.08	3.29	0.12	0.007	--	--	--	--	--	--	--	--
06/17/98	6.27	2.35	4.00	0.10	0.010	--	--	--	--	--	--	--	--
08/31/98	6.27	0.65	5.71	0.11	0.008	--	--	--	--	--	--	--	--
12/28/98	6.27	1.75	4.60	0.10	0.005	--	--	--	--	--	--	--	--
03/04/99	6.27	2.58	3.73	0.05	0.200	--	--	--	--	--	--	--	--
DESTROYED													

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121

3026 Lakeshore Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-2A													
04/19/99	6.53	1.67	4.86	--	--	820[2]	<2,000	<20	<20	<20	<20	9,200	--
06/14/99	6.53	1.23	5.30	--	--	2,000[2]	<5,000	89	<50	66	<50	10,000	--
09/17/99	6.53	0.69	5.84	--	--	1,050[2]	903	42	1.63	22.8	7.74	11,400	--
12/20/99	6.53	-0.07	6.60	--	--	2,820[2]	2,280	115	<10	87.2	27.2	14,000	--
03/20/00	6.53	1.74	4.79	--	--	1,220[2]	1,040	54.3	<5.0	33.8	12.1	10,900[2]	--
06/24/00	6.53	1.28	5.25	0.00	0.00	1,300[9]	690[7]	50	2.5	18	9.5	15,000[8]	--
09/07/00	6.53	1.09	5.44	0.00	0.00	770[9]	310[7]	6.7	1.4	1.6	3.8	16,000	--
12/05/00	6.53	1.16	5.37	0.00	0.00	810[13]	414[14]	32.4	<0.500	7.49	5.96	8,910[8]	--
03/01/01	6.53	2.03	4.50	0.00	0.00	590[9]	370[7]	30	4.0	12	9.2	8,200	--
06/04/01	6.53	1.36	5.17	0.00	0.00	930[9]	<500	19	<5.0	<5.0	<5.0	7,800	--
09/10/01	6.53	0.79	5.74	0.00	0.00	2,400	<5,000	<50	<50	<50	<50	9,700	--
12/03/01	6.53	1.46	5.07	0.00	0.00	2,500	480	4.5	<1.0	1.1	<3.0	10,000	--
03/04/02	6.53	1.52	5.01	0.00	0.00	2,300	630	5.4	1.5	2.9	2.3	7,000	--
05/30/02	6.53	1.66	4.87	0.00	0.00	2,100	520	6.1	<1.0	2.6	5.4	7,100	--
09/03/02	6.53	1.03	5.50	0.00	0.00	2,600	590	7.8	0.98	2.9	7.8	7,800	--
12/09/02	6.53	1.06	5.47	0.00	0.00	1,900	670	7.9	0.88	2.1	5.0	8,300	--
03/10/03	6.53	1.52	5.01	0.00	0.00	1,700	640	8.0	0.76	2.6	4.1	7,500	--
06/09/03[18]	6.53	1.77	4.76	0.00	0.00	1,900	540	3	<3	<3	<3	6,800	--
09/08/03[18,19]	**6.53**	**1.16**	**5.37**	**0.00**	**0.00**	**2,000**	**540**	**3**	**0.7**	**0.7**	**3**	**7,000**	--
MW-3													
08/20/91	8.71	0.26	8.45	--	--	200	3,100	200	13	15	12	--	--
09/30/91	8.71	-0.03	8.74	--	--	--	1,000	150	8.3	13	6.7	--	--
10/28/91	8.71	-0.05	8.76	--	--	--	1,200	120	6.7	11	7.5	--	--
01/08/92	8.71	-0.06	8.77	--	--	--	410	120	0.9	4.1	3.4	--	--
01/13/92	8.71	--	--	--	--	220	--	--	--	--	--	--	--
06/23/92	8.71	0.03	8.68	--	--	<50	630	43	0.8	8.2	3.4	--	--
08/24/92	8.71	-0.14	8.85	--	--	--	--	--	--	--	--	--	--
09/21/92	8.71	-0.23	8.94	--	--	<50	1,800	730	1.4	66	39	--	--
10/26/92	8.71	-0.36	9.07	--	--	--	--	--	--	--	--	--	--
12/23/92	8.71	--	--	--	--	850	840	270	3.4	15	4.2	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-3 (cont)													
01/08/93	8.71	1.02	7.69	--	--	--	--	--	--	--	--	--	--
03/25/93	8.71	0.97	7.74	--	--	<10	760	270	4.0	10	5.0	--	--
06/11/93	8.71	0.19	8.52	--	--	--	200	32	1.0	5.0	2.0	--	5,600
09/29/93	8.71	2.66	6.05	--	--	--	9,300	2,800	60	270	62	--	--
12/20/93	8.71	-0.12	8.83	--	--	<10	460	250	4.0	8.0	4.0	--	--
03/07/94	8.71	0.64	8.07	--	--	<10	2,400	260	13	35	18	--	--
06/17/94	8.71	0.19	8.52	--	--	<50	1,000	200	4.0	6.6	6.7	--	--
09/12/94	8.71	-0.21	8.92	--	--	<50	360	130	3.4	4.8	3.3	130	--
11/30/94	8.71	0.58	8.13	--	--	INACCESSIBLE		--	--	--	--	--	--
03/24/95	8.71	1.93	6.78	--	--	1,200[2]	4,100	920	<10	23	<10	70	--
06/27/95	8.71	0.49	8.22	--	--	1,000[2]	3,100	640	16	31	<10	<50	--
09/28/95	8.71	-0.14	8.85	--	--	460[2]	490	78	3.4	4.4	2.4	38	--
12/19/95	8.71	0.69	8.02	--	--	650[2]	2,600	580	<10	25	<10	<50	--
02/28/96	8.71	1.16	7.55	--	--	780[2]	1,500	510	<5.0	9.9	<5.0	<25	--
06/25/96	8.71	0.34	8.37	--	--	1,200[2]	1,300	390	7.8	14	6.5	31	--
12/17/96	8.71	0.41	8.30	--	--	1,100[2]	760	85	<1.2	5.9	5.1	<6.2	--
03/31/97	8.71	0.52	8.19	--	--	1,300[2]	2,000	380	12	24	12	<25	--
06/30/97	8.71	0.00	8.71	--	--	620[2]	1,900	340	9.9	23	6.1	<25	--
09/12/97	8.71	1.07	7.64	--	--	400[2]	1,200	200	4.6	14	4.8	3.9	--
12/05/97	8.71	0.46	8.25	--	--	190[2]	460	72	2.7	5.2	1.7	<5.0	--
02/16/98	8.71	1.71	7.00	--	--	1,000[2]	6,200	1,100	20	34	12	<50	--
06/17/98	8.71	0.71	8.00	--	--	1,100[2]	3,000	350	<10	<10	<10	120	--
08/31/98	8.71	0.08	8.63	--	--	790[2]	430	100	2.6	8.6	6.0	<12	--
12/28/98	8.71	-0.02	8.73	--	--	180[2]	1,400	220	<10	12	<10	<50	--
03/04/99	8.71	1.06	7.65	--	--	763[2]	2,880	355	9.15	19	<5.0	<20	--
DESTROYED													
MW-3A													
04/19/99	8.70	1.00	7.70	--	--	93[2]	<50	<0.5	<0.5	<0.5	<0.5	3.1	--
06/14/99	8.70	0.50	8.20	--	--	160[2]	148	4.55	0.82	0.53	1.1	3.7	--
09/17/99	8.70	-0.02	8.72	--	--	101[2]	169	6.02	0.806	0.515	0.786	4.68	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-3A (cont)													
12/20/99	8.70	-0.22	8.92	--	--	153[2]	<50	1.82	<0.5	<0.5	<0.5	11	--
03/20/00	8.70	1.06	7.64	--	--	223[2]	140	5.08	0.695	<0.5	<0.5	10.1	--
06/24/00	8.70	0.32	8.38	0.00	0.00	128[9]	<50	0.74	<0.50	<0.50	<0.50	34	--
09/07/00	8.70	-0.09	8.79	0.00	0.00	<50	<50	1.4	<0.50	<0.50	<0.50	15	--
12/05/00	8.70	0.02	8.68	0.00	0.00	<50	<50.0	1.39	<0.500	<0.500	<0.500	12.9	--
03/01/01	8.70	0.88	7.82	0.00	0.00	66[11]	<50	1.0	<0.50	<0.50	<0.50	19	--
06/04/01	8.70	0.25	8.45	0.00	0.00	69[9]	<50	2.0	<0.50	<0.50	<0.50	37	--
09/10/01	8.70	-0.40	9.10	0.00	0.00	<50	<50	3.9	<0.50	<0.50	<0.50	19	--
12/03/01	8.70	0.62	8.08	0.00	0.00	56	<50	<0.50	<0.50	<0.50	<1.5	19	--
03/04/02	8.70	-0.24	8.94	0.00	0.00	85	<50	<0.50	<0.50	<0.50	<1.5	26	--
05/30/02	8.70	-0.08	8.78	0.00	0.00	210	<50	<0.50	<0.50	<0.50	<1.5	22	--
09/03/02	8.70	-0.28	8.98	0.00	0.00	89	<50	<0.50	<0.50	<0.50	<1.5	24	--
12/09/02	8.70	-0.20	8.90	0.00	0.00	110	<50	<0.50	<0.50	<0.50	<1.5	22	--
03/10/03	8.70	0.58	8.12	0.00	0.00	66	<50	<0.50	<0.50	<0.50	<1.5	40	--
06/09/03[18]	8.70	0.47	8.23	0.00	0.00	82	<50	<0.5	0.5	<0.5	<0.5	35	--
09/08/03[18,19]	**8.70**	**-0.06**	**8.76**	**0.00**	**0.00**	**110**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**27**	**--**
MW-4													
08/20/91	7.37	1.32	5.05	--	--	160	1,800	870	4.0	3.0	9.0	--	--
09/30/91	7.37	1.70	5.67	--	--	--	670	830	5.5	2.7	12	--	--
10/28/91	7.37	1.56	5.81	--	--	--	2,800	990	5.8	4.8	19	--	--
01/08/92	7.37	2.03	5.34	--	--	--	2,900	1,200	10	7.0	18	--	--
01/13/92	7.37	--	--	--	--	1,000	--	--	--	--	--	--	--
06/23/92	7.37	2.00	5.37	--	--	<50	1,600	380	6.5	3.0	12	--	--
08/24/92	7.37	1.62	5.75	--	--	--	--	--	--	--	--	--	--
09/21/92	7.37	1.42	5.95	--	--	<50	1,200	480	5.6	3.7	11	--	--
10/26/92	7.37	1.41	5.96	--	--	--	--	--	--	--	--	--	--
12/23/92	7.37	--	--	--	--	1,800	1,500	700	3.6	3.2	11	--	--
01/08/93	7.37	2.73	4.64	--	--	--	--	--	--	--	--	--	--
03/25/93	7.37	2.95	4.42	--	--	<10	520	160	3.0	1.0	4.0	--	--
06/11/93	7.37	2.25	5.12	--	--	--	1,200	430	5.0	6.0	11	--	2,600

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121

3026 Lakeshore Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-4 (cont)													
09/29/93	7.37	1.57	5.80	--	--	--	1,300	210	8.0	2.0	14	--	--
12/20/93	7.37	2.27	5.10	--	--	3,900	570	230	5.0	4.0	8.0	--	--
03/07/94	7.37	2.36	5.01	--	--	2,600	2,200	290	18	2.5	11	22,000	--
06/17/94	7.37	1.55	5.82	--	--	2,800	2,100	480	11	4.3	9.5	--	--
09/12/94	7.37	1.73	5.64	--	--	3,000	1,700	340	6.1	2.7	9.7	63,000	--
11/30/94	7.37	1.79	5.58	--	--	INACCESSIBLE		--	--	--	--	--	--
03/24/95	7.37	2.42	4.95	--	--	3,000[2]	1,500	280	<5.0	<5.0	6.9	12,000	--
06/27/95	7.37	-1.42	8.79	--	--	3,100[2]	<10,000	310	<100	<100	<100	32,000	--
09/28/95	7.37	1.52	5.85	--	--	6,300[2]	330	64	1.1	<0.5	<0.5	630	--
12/19/95	7.37	1.87	5.50	--	--	3,400[2]	3,000	520	<25	<25	<25	44,000	--
02/28/96	7.37	2.27	5.10	--	--	4,700[2]	<10,000	230	<100	<100	<100	32,000	--
06/25/96	7.37	1.59	5.78	--	--	3,100	<10,000	160	<100	<100	<100	31,000	--
12/17/96	7.37	1.42	5.95	--	--	3,600[3]	<5,000	110	<50	<50	<50	22,000	--
03/31/97	7.37	1.75	5.62	--	--	2,700[2]	<2,500	130	<25	<25	<25	16,000	--
06/30/97	7.37	1.34	6.03	--	--	2,700[2]	<2,500	130	<25	<25	<25	14,000	--
09/12/97	7.37	1.68	5.69	--	--	2,100[2]	<5,000	63	<50	<50	<50	15,000	--
12/05/97	7.37	2.22	5.15	--	--	2,600[2]	1,300	120	<5.0	<5.0	8.5	15,000	--
02/16/98	7.37	1.11	6.26	--	--	1,300[2]	1,200	57	4.5	<2.5	7.0	12,000	--
06/17/98	7.37	2.41	4.96	--	--	530[2]	5,300	390	290	28	150	17,000	--
08/31/98	7.37	1.46	5.91	--	--	2,400[2]	<50	89	<0.5	<0.5	<0.5	14,000/16,000[4]	--
12/28/98	7.37	1.96	5.41	--	--	2,900[2]	1,000	52	5.6	4.6	9.1	8,400	--
03/04/99	7.37	2.17	5.20	--	--	4,490[2]	<2,500	85.5	40.9	<25	<25	11,400	--
DESTROYED													
MW-4A													
04/19/99	7.69	2.78	4.91	--	--	370[2]	<500	<5.0	<5.0	<5.0	<5.0	1,600	--
06/14/99	7.69	2.44	5.25	--	--	2,500[2]	5,360	312	<20	44	<20	2,880	--
09/17/99	7.69	0.32	7.37	--	--	1,430[2]	1,290	38.6	<5.0	7.01	<5.0	1,780	--
12/20/99	7.69	1.39	6.30	--	--	7,480[2]	852	43.5	4.63	9.18	4.36	1,070	--
03/20/99	7.69	2.07	5.62	--	--	1,280[2]	1,370	129	8.6	18.3	7.3	2,110	--
06/24/00	7.69	1.57	6.12	0.00	0.00	1,190[9]	190[7]	1.4	1.7	1.7	3.3	3,900[7]	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121

3026 Lakeshore Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-4A (cont)													
09/07/00	7.69	1.43	6.26	0.00	0.00	740[9]	490[7]	15	1.9	1.1	3.9	3,300	--
12/05/00	7.69	1.70	5.99	0.00	0.00	560[12]	<500	<5.00	<5.00	<5.00	<5.00	3,380[8]	--
03/01/01	7.69	2.01	5.68	0.00	0.00	600[9]	<1,000	10	<10	<10	<10	4,600	--
06/04/01	7.69	1.09	6.60	0.00	0.00	770[9]	390[15]	8.4	3.8	<2.5	3.0	3,800	--
09/10/01	7.69	1.12	6.57	0.00	0.00	810	<500	13	<5.0	22	<5.0	4,900	--
12/03/01	7.69	1.74	5.95	0.00	0.00	2,100	<250	1.5	<1.0	<1.0	<3.0	3,800	--
03/04/02	7.69	-1.19	8.88	0.00	0.00	2,400	2,500	49	6.8	21	9.5	2,600	--
05/30/02	7.69	1.49	6.20	0.00	0.00	2,600	430	4.6	<1.0	2.0	<3.0	3,700	--
09/03/02	7.69	1.20	6.49	0.00	0.00	3,200	<500	4.5	<2.0	3.5	7.5	3,800	--
12/09/02	7.69	1.43	6.26	0.00	0.00	1,600	440	1.1	<0.50	0.71	<5.0	4,000	--
03/10/03	7.69	1.86	5.83	0.00	0.00	1,700	710	14	2.2	4.2	<10	4,100	--
06/09/03[18]	7.69	1.25	6.44	0.00	0.00	3,200	400	3	<1	2	<1	4,100	--
09/08/03[18,20]	**7.69**	**1.83**	**5.86**	**0.00**	**0.00**	**3,900**	**1,300**	**28**	**4**	**4**	**<3**	**2,900**	**--**
MW-5													
06/23/92	14.14	1.90	12.24	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/24/92	14.14	1.85	12.29	--	--	--	--	--	--	--	--	--	--
09/21/92	14.14	1.68	12.46	--	--	60	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/26/92	14.14	1.62	12.52	--	--	--	--	--	--	--	--	--	--
12/23/92	14.14	3.02	11.12	--	--	--	--	--	--	--	--	--	--
01/08/93	14.14	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	14.14	4.40	9.74	--	--	<10	<50	<0.5	<0.5	<0.5	0.9	--	--
06/11/93	14.14	3.70	10.44	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	770
09/29/93	14.14	2.22	11.92	--	--	<10	<50	<0.5	0.6	<0.5	0.6	--	--
12/20/93	14.14	--	--	--	--	--	--	--	--	--	--	--	--
03/07/94	14.14	2.80	11.34	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/17/94	14.14	2.87	11.27	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/12/94	14.14	1.28	12.86	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/30/94	14.14	2.23	11.91	--	--	99[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/24/95	14.14	4.38	9.76	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/27/95	14.14	2.74	11.40	--	--	55[3]	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121

3026 Lakeshore Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-5 (cont)													
09/28/95	14.14	2.24	11.90	--	--	300[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/95	14.14	1.56	12.58	--	--	53[2]	<50	<0.5	<0.5	<0.5	<0.5	3.1	--
02/28/96	14.14	2.44	11.70	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/25/96	14.14	2.71	11.43	--	--	120[2]	<50	<0.5	<0.5	<0.5	<0.5	36	--
12/17/96	14.14	2.74	11.40	--	--	89[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/31/97	14.14	2.04	12.10	--	--	150[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/30/97	14.14	1.36	12.78	--	--	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
09/12/97	14.14	0.46	13.68	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/05/97	14.14	1.11	13.03	--	--	--	--	--	--	--	--	--	--
02/16/98	14.14	4.17	9.97	--	--	62[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/17/98	14.14	2.29	11.85	--	--	--	--	--	--	--	--	--	--
08/31/98	14.14	1.32	12.82	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/28/98	14.14	0.71	13.43	--	--	--	--	--	--	--	--	--	--
03/04/99	14.14	0.39	13.75	--	--	70.5	<50	<0.5	<0.5	<0.5	<0.5	3.34	--
06/14/99	14.14	0.04	14.10	--	--	--	--	--	--	--	--	--	--
09/17/99	14.14	-0.04	14.18	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/20/99	14.14	0.44	13.70	--	--	--	--	--	--	--	--	--	--
03/20/00	14.14	1.50	12.64	--	--	115[3]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/24/00	14.14	1.10	13.04	0.00	0.00	--	--	--	--	--	--	--	--
09/07/00	14.14	0.97	13.17	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	5.0	--
12/05/00	14.14	2.86	11.28	0.00	0.00	--	--	--	--	--	--	--	--
03/01/01	14.14	3.84	10.30	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
06/04/01	14.14	2.83	11.31	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
09/10/01	14.14	1.98	12.16	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/03/01	14.14	5.52	8.62	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
03/04/02	14.14	4.29	9.85	0.00	0.00	78	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/30/02	14.14	3.31	10.83	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
09/03/02	14.14	INACCESSIBLE - CAR PARKED OVER WELL					--	--	--	--	--	--	--
12/09/02	14.14	2.78	11.36	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
03/10/03	14.14	2.95	11.19	0.00	0.00	100	<50	<0.50	<0.50	<0.50	<1.5	8.2	--
06/09/03	14.14	1.57	12.57	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
09/08/03[18,19]	**14.14**	**2.13**	**12.01**	**0.00**	**0.00**	**65**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**8**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-6													
06/23/92	4.46	-0.68	5.14	--	--	120	<50	4.3	<0.5	0.8	0.9	--	--
08/24/92	4.46	-0.49	4.95	--	--	--	--	--	--	--	--	--	--
09/21/92	4.46	-0.44	4.90	--	--	<50	<250	<2.5	<2.5	<2.5	<2.5	--	--
10/26/92	4.46	-1.06	5.52	--	--	--	--	--	--	--	--	--	--
12/23/92	4.46	-0.94	5.40	--	--	81	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/08/93	4.46	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	4.46	-1.64	6.10	--	--	<10	<50	<0.5	<0.5	<0.5	0.7	--	--
06/11/93	4.46	-2.10	6.56	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	15,000
09/29/93	4.46	-0.71	5.17	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/93	4.46	-1.47	5.93	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/07/94	4.46	-0.81	5.27	--	--	<10	54	<0.5	<0.5	<0.5	0.6	--	--
06/17/94	4.46	--	--	--	--	--	--	--	--	--	--	--	--
09/12/94	4.46	-0.64	5.10	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<50	--
11/30/94	4.46	-1.12	5.58	--	--	800[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/24/95	4.46	-1.87	6.33	--	--	490[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/27/95	4.46	-3.74	8.20	--	--	300[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/28/95	4.46	-0.19	4.65	--	--	1,200[2]	120	1.1	<0.5	<0.5	<0.5	--	--
12/19/95	4.46	-1.58	6.04	--	--	820[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/28/96	4.46	-1.54	6.00	--	--	270[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/25/96	4.46	-1.71	6.17	--	--	750[2]	97	<0.5	<0.5	<0.5	0.71	<2.5	--
12/17/96	4.46	-1.67	6.13	--	--	540[2]	65	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/31/97	4.46	-2.23	6.69	--	--	780[2]	65	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/30/97	4.46	-2.62	7.08	--	--	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
09/12/97	4.46	-0.95	5.41	--	--	270[2]	65	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/05/97	4.46	-1.96	6.42	--	--	--	--	--	--	--	--	--	--
02/16/98	4.46	-0.30	4.76	--	--	330[2]	140	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/17/98	4.46	-1.54	6.00	--	--	--	--	--	--	--	--	--	--
08/31/98	4.46	-0.64	5.10	--	--	270[1]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/28/98	4.46	-2.04	6.50	--	--	--	--	--	--	--	--	--	--
03/04/99	4.46	-1.35	5.81	--	--	638[1]	95.5	<0.5	<0.5	<0.5	<0.5	<2.0	--
06/14/99	4.46	-0.97	5.43	--	--	--	--	--	--	--	--	--	--
09/17/99	4.46	-1.74	6.20	--	--	258[1]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-6 (cont)													
12/20/99	4.46	-2.31	6.77	--	--	--	--	--	--	--	--	--	--
03/20/00	4.46	-2.12	6.58	--	--	257[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/24/00	4.46	-2.52	6.98	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
09/07/00	4.46	-0.46	4.92	0.00	0.00	98[11]	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/05/00	4.46	-0.64	5.10	0.00	0.00	--	--	--	--	--	--	--	--
03/01/01	4.46	-0.43	4.89	0.00	0.00	190[9]	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
06/04/01	4.46	-0.75	5.21	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
09/10/01	4.46	-0.65	5.11	0.00	0.00	140[17]	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/03/01	4.46	-0.57	5.03	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
03/04/02	4.46	INACCESSIBLE - CAR PARKED OVER WELL					--	--	--	--	--	--	--
05/30/02	4.46	-1.65	6.11	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
09/03/02	4.46	-0.82	5.28	0.00	0.00	340	<500	<2.0	<2.0	<2.0	<6.0	<3.0	--
12/09/02	4.46	-0.66	5.12	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
03/10/03	4.46	-1.80	6.26	0.00	0.00	420	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/09/03	4.46	-1.45	5.91	0.00	0.00	SAMPLED SEMI-ANNUALLY			--	--	--	--	--
09/08/03[18,19]	**4.46**	**-0.19**	**4.65**	**0.00**	**0.00**	**230**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**
MW-7													
08/24/92	5.26	-0.29	5.55	--	--	--	--	--	--	--	--	--	--
09/21/92	5.26	-0.39	5.65	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/26/92	5.26	-0.25	5.51	--	--	--	--	--	--	--	--	--	--
12/23/92	5.26	1.31	3.95	--	--	60	<50	2.9	<0.5	<0.5	<0.5	--	--
01/08/93	5.26	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	5.26	2.76	2.50	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/11/93	5.26	1.80	3.46	--	--	--	<50	0.6	<0.5	<0.5	<0.5	--	2,200
09/29/93	5.26	-0.26	5.52	--	--	<10	<50	2.0	1.0	1.0	7.0	--	--
12/20/93	5.26	0.85	4.41	--	--	<10	<50	2.0	<0.5	<0.5	<0.5	--	--
03/07/94	5.26	2.64	2.62	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/17/94	5.26	1.99	3.27	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/12/94	5.26	1.15	4.11	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/30/94	5.26	2.50	2.76	--	--	92[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-7 (cont)													
03/24/95	5.26	3.06	2.20	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/27/95	5.26	1.36	3.90	--	--	69[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/28/95	5.26	0.41	4.85	--	--	84[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/95	5.26	2.24	3.02	--	--	84[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/28/96	5.26	3.83	1.43	--	--	99[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/25/96	5.26	0.97	4.29	--	--	110[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/17/96	5.26	3.08	2.18	--	--	54[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/31/97	5.26	2.32	2.94	--	--	100[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/30/97	5.26	1.68	3.58	--	--	SAMPLED ANNUALLY			--	--	--	--	--
09/12/97	5.26	1.85	3.41	--	--	--	--	--	--	--	--	--	--
12/05/97	5.26	3.37	1.89	--	--	--	--	--	--	--	--	--	--
02/16/98	5.26	3.43	1.83	--	--	77[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/17/98	5.26	3.32	1.94	--	--	--	--	--	--	--	--	--	--
08/31/98	5.26	1.07	4.19	--	--	--	--	--	--	--	--	--	--
12/28/98	5.26	0.79	4.47	--	--	--	--	--	--	--	--	--	--
03/04/99	5.26	3.51	1.75	--	--	73.4	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
06/14/99	5.26	3.64	1.62	--	--	--	--	--	--	--	--	--	--
09/17/99	5.26	0.42	4.84	--	--	--	--	--	--	--	--	--	--
12/20/99	5.26	0.45	4.81	--	--	--	--	--	--	--	--	--	--
03/20/00	5.26	3.41	1.85	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/24/00	5.26	3.05	2.21	0.00	0.00	--	--	--	--	--	--	--	--
09/07/00	5.26	1.61	3.65	0.00	0.00	--	--	--	--	--	--	--	--
12/05/00	5.26	2.31	2.95	0.00	0.00	--	--	--	--	--	--	--	--
03/01/01	5.26	4.61	0.65	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
06/04/01	5.26	3.74	1.52	0.00	0.00	--	--	--	--	--	--	--	--
09/10/01	5.26	1.08	4.18	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
12/03/01	5.26	4.20	1.06	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
03/04/02	5.26	3.76	1.50	0.00	0.00	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/30/02	5.26	2.51	2.75	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/03/02	5.26	2.24	3.02	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
12/09/02	5.26	2.41	2.85	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-7 (cont)													
03/10/03	5.26	3.32	1.94	0.00	0.00	85	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/09/03	5.26	2.72	2.54	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/08/03	**5.26**	**2.66**	**2.60**	**0.00**	**0.00**	**SAMPLED ANNUALLY**		**--**	**--**	**--**	**--**	**--**	**--**
MW-8													
06/23/92	8.94	-15.20	24.14	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/24/92	8.94	0.34	8.60	--	--	--	--	--	--	--	--	--	--
09/21/92	8.94	0.55	8.39	--	--	<50	94	<0.5	<0.5	<0.5	<0.5	--	--
10/26/92	8.94	-0.18	9.12	--	--	--	--	--	--	--	--	--	--
12/23/92	8.94	0.83	8.11	--	--	79	<50	0.7	5.0	0.7	2.9	--	--
01/08/93	8.94	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	8.94	--	--	--	--	--	--	--	--	--	--	--	--
06/11/93	8.94	0.55	8.39	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	3,500
09/29/93	8.94	0.69	8.25	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/93	8.94	0.48	8.46	--	--	<10	<50	<0.5	0.6	<0.5	1.0	--	--
03/07/94	8.94	0.28	8.66	--	--	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/17/94	8.94	0.12	8.82	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/12/94	8.94	0.11	8.83	--	--	<50	<50	<0.5	<0.5	<0.5	0.8	<5.0	--
11/30/94	8.94	0.31	8.63	--	--	120[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/24/95	8.94	0.43	8.51	--	--	110[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/27/95	8.94	-0.03	8.97	--	--	67[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/28/95	8.94	0.04	8.90	--	--	91[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/95	8.94	0.54	8.40	--	--	76[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/28/96	8.94	0.50	8.44	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/25/96	8.94	0.05	8.89	--	--	80[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/17/96	8.94	0.49	8.45	--	--	79[2]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/31/97	8.94	0.18	8.76	--	--	72[2]	<50	<0.5	<0.5	<0.5	<0.5	3.6	--
06/30/97	8.94	-0.18	9.12	--	--	SAMPLED ANNUALLY		--	--	--	--	--	--
09/12/97	8.94	0.13	8.81	--	--	--	--	--	--	--	--	--	--
12/05/97	8.94	0.59	8.35	--	--	--	--	--	--	--	--	--	--
02/16/98	8.94	1.00	7.94	--	--	68[2]	<50	<0.5	<0.5	<0.5	<0.5	4.3	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-8 (cont)													
06/17/98	8.94	0.51	8.43	--	--	--	--	--	--	--	--	--	--
08/31/98	8.94	0.06	8.88	--	--	--	--	--	--	--	--	--	--
12/28/98	8.94	0.64	8.30	--	--	--	--	--	--	--	--	--	--
03/04/99	8.94	0.29	8.65	--	--	106	<50	<0.5	<0.5	<0.5	<0.5	3.83	--
06/14/99	8.94	0.52	8.42	--	--	--	--	--	--	--	--	--	--
09/17/99	8.94	-0.93	9.87	--	--	--	--	--	--	--	--	--	--
12/20/99	8.94	0.54	8.40	--	--	--	--	--	--	--	--	--	--
03/20/00	8.94	0.82	8.12	--	--	82.2[6]	<50	<0.5	<0.5	<0.5	<0.5	3.46	--
06/24/00	8.94	0.31	8.63	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/07/00	8.94	0.26	8.68	0.00	0.00	--	--	--	--	--	--	--	--
12/05/00	8.94	0.81	8.13	0.00	0.00	--	--	--	--	--	--	--	--
03/01/01	8.94	1.04	7.90	0.00	0.00	51[11]	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
06/04/01	8.94	-0.27	9.21	0.00	0.00	--	--	--	--	--	--	--	--
09/10/01	8.94	0.26	8.68	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
12/03/01	8.94	1.12	7.82	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
03/04/02	8.94	1.26	7.68	0.00	0.00	82	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/30/02	8.94	INACCESSIBLE - CAR PARKED OVER WELL					--	--	--	--	--	--	--
09/03/02	8.94	-0.21	9.15	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
12/09/02	8.94	0.21	8.73	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
03/10/03	8.94	0.55	8.39	0.00	0.00	110	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/09/03	8.94	-0.03	8.97	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
09/08/03	**8.94**	**0.52**	**8.42**	**0.00**	**0.00**	**SAMPLED ANNUALLY**		**--**	**--**	**--**	**--**	**--**	**--**
MW-9													
04/19/99	5.87	2.71	3.16	--	--	2,600[2]	3,900[6]	14	6.9	14	24	140	--
06/14/99	5.87	1.06	4.81	--	--	2,800[2]	2,880	12.6	<10	<10	<10	138	--
09/17/99	5.87	1.02	4.85	--	--	1,770[2]	3,370	33.1	14.4	<5.0	<5.0	202	--
12/20/99	5.87	1.87	4.00	--	--	996[2]	3,970	42.2	13.5	<10	<10	311	--
03/20/00	5.87	2.87	3.00	--	--	2,710[2]	5,920	22.1	<5.0	6.8	<5.0	106.0	--
06/24/00	5.87	1.96	3.91	0.00	0.00	1,940[9]	2,500[7]	12	<10	11	<10	120	--
09/07/00	5.87	1.59	4.28	0.00	0.00	1,500[9]	3,700[7]	<25	<25	<25	<25	330	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
MW-9 (cont)													
12/05/00	5.87	2.07	3.80	0.00	0.00	1,300[12]	3,470[2]	<5.00	7.64	<5.00	<5.00	177	--
03/01/01	5.87	3.19	2.68	0.00	0.00	960[9]	2,400[7]	11	18.0	<10	<10	250	--
06/04/01	5.87	1.96	3.91	0.00	0.00	1,200[9]	3,200[7]	45	17	6.1	8.9	300	--
09/10/01	5.87	1.18	4.69	0.00	0.00	2,000[17]	2,300	5.7	7.3	10	<5.0	200	--
12/03/01	5.87	2.88	2.99	0.00	0.00	2,600	3,600	14	5.4	8.2	8.5	210	--
03/04/02	5.87	2.32	3.55	0.00	0.00	3,700	4,400	17	<5.0	9.2	6.4	79	--
05/30/02	5.87	2.22	3.65	0.00	0.00	4,600	4,300	15	3.7	5.8	6.1	110	--
09/03/02	5.87	1.31	4.56	0.00	0.00	2,500	3,200	5.8	2.6	3.5	5.6	84	--
12/09/02	5.87	1.51	4.36	0.00	0.00	2,600	3,000	6.3	3.2	3.9	6.1	110	--
03/10/03	5.87	2.26	3.61	0.00	0.00	1,500	3,300	11	3.7	5.4	<7.5	150	--
06/09/03[18]	5.87	2.29	3.58	0.00	0.00	2,700	3,500	2	2	3	2	46	--
09/08/03[18,19]	**5.87**	**1.43**	**4.44**	**0.00**	**0.00**	**3,000**	**3,000**	**3**	**2**	**2**	**3**	**120**	**--**
TRIP BLANK													
08/24/92	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/08/93	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/11/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/93	--	--	--	--	--	--	<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	1.0	--	--
11/30/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/24/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/27/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/28/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
TRIP BLANK (cont)													
02/28/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/25/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/17/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/31/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/30/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/12/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/05/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/16/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/17/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/31/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/28/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/04/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
06/14/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/17/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/20/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/20/00	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
06/24/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
09/07/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
12/05/00	--	--	--	--	--	--	<50	<0.500	<0.500	<0.500	<0.500	<2.5	--
03/01/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
06/04/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
09/10/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
QA													
12/03/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/04/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/30/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/03/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
12/09/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/10/03	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
06/09/03[18]	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/08/03[18]	**--**	**--**	**--**	**--**	**--**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121

3026 Lakeshore Avenue

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 24, 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

TPH-D = Total Petroleum Hydrocarbons as Diesel
TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes

TDS = Total Dissolved Solids
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

1 Chromatogram pattern indicates a non-diesel mix.
2 Chromatogram pattern indicates an unidentified hydrocarbon.
3 Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.
4 Confirmation run.
5 ORC present in well.
6 Laboratory report indicates gasoline and unidentified hydrocarbons >10.
7 Laboratory report indicates gasoline C6-C12.
8 Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.
9 Laboratory report indicates unidentified hydrocarbons C9-C24.
10 Laboratory report indicates unidentified hydrocarbons C10-C24.
11 Laboratory report indicates unidentified hydrocarbons >C16.
12 Laboratory report indicates unidentified hydrocarbons C9-C40.
13 Laboratory report indicates diesel C9-C24 + unidentified hydrocarbons <C16.
14 Laboratory report indicates weathered gasoline C6-C12.
15 Laboratory report indicates unidentified hydrocarbons C6-C12.
16 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
17 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quatitation range but does not resemble the pattern of the requested fuel. The pattern more closely resembles that of a heavier hydrocarbon mix.
18 BTEX and MTBE by EPA Method 8260.
19 Ethanol by EPA Method 8260 was reported as <50 ppb.
20 Ethanol by EPA Method 8260 was reported as < 250 ppb.

Table 2

Dissolved Oxygen Concentrations

Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID	DATE	Before Purging *(mg/L)*	After Purging *(mg/L)*
MW-1	06/24/00[1]	5.30	--
	09/07/00[1]	4.02	--
	12/05/00[1]	3.86	--
	03/01/01[1]	3.04	--
	06/04/01[1]	2.70	--
	09/10/01[1]	2.40	--
	12/03/01[1]	0.70	--
	03/04/02[1]	1.10	--
	05/30/02[1]	0.90	--
	09/03/02[1]	1.20	--
	12/09/02[1]	0.90	--
	03/10/03[1]	1.00	--
	06/09/03[1]	0.80	--
	09/08/03[1]	**0.60**	**--**

EXPLANATIONS:

(mg/L) = Milligrams per liter
-- = Not Measured

[1] ORC present in well.

Table 3

Groundwater Analytical Results

Chevron Service Station #9-0121

3026 Lakeshore Avenue

Oakland, California

WELL ID/ DATE	Total Alkalinity *(ppb)*	Ferrous Iron *(ppb)*	Sulfate *(ppb)*	Nitrate *(ppb)*
MW-1 12/28/98	390,000	4,900	<1,000	<1,000
MW-3 12/28/98	980,000	4,500	390,000	<1,000
MW-4 12/28/98	670,000	3,500	6,800	<1,000
MW-5 12/28/98	480,000	15	51,000	<1,000
MW-6 12/28/98	2,400,000	810	110,000	<1,000
MW-7 12/28/98	350,000	12,000	79,000	<1,000
MW-8 12/28/98	1,100,000	45	87,000	<1,000

EXPLANATIONS:

Groundwater laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

(ppb) = Parts per billion

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 #9-0121 Job Number: 386462
Site Address: 3026 Lakeshore Avenue Event Date: 9/08/03 (inclusive)
City: Oakland, CA Sampler: TONY C.

Well ID MW- 1 Date Monitored: 9/08/03 Well Condition: O.K
Well Diameter 2 / (4) in.
Total Depth 19.30 ft.
Depth to Water 5.37 ft.
13.93 xVF .66 = 9.19 x3 (case volume) = Estimated Purge Volume: 27½ gal.

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

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

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

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1325 Weather Conditions: CLEAR
Sample Time/Date: 1342 / 9/08/03 Water Color: CLEAR Odor: YES
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)
1328	9	6.79	1286	23.4	.6	
1331	18	6.70	1273	22.6		
1334	27½	6.70	1272	22.6		

LABORATORY INFORMATION

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

COMMENTS: ORC IN WELL.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0121 Job Number: 386462
Site Address: 3026 Lakeshore Avenue Event Date: 9/08/03 (inclusive)
City: Oakland, CA Sampler: Emily C.

Well ID MW-2A Date Monitored: 9/08/03 Well Condition: o.k
Well Diameter (2) 4 in.
Total Depth 16.75 ft.
Depth to Water 5.37 ft.
11.38 xVF .17 = 1.93 x3 (case volume) = Estimated Purge Volume: 6 gal.

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

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

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

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1216 Weather Conditions: CLEAR
Sample Time/Date: 1235 / 9/08/03 Water Color: YELLOW/CLOUDY Odor: YES
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C)F	D.O. (mg/L)	ORP (mV)
1220	2	6.90	1296	20.9		
1224	4	6.83	1290	20.6		
1228	6	6.80	1289	20.3		

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0121 Job Number: 386462
Site Address: 3026 Lakeshore Avenue Event Date: 9/08/03 (inclusive)
City: Oakland, CA Sampler: TONY C.

Well ID MW-3A Date Monitored: 9/08/03 Well Condition: O.K
Well Diameter (2) 1 4 in.
Total Depth 18.05 ft.
Depth to Water 8.76 ft.
9.29 xVF .17 = 1.57 x3 (case volume) = Estimated Purge Volume: 4½ gal.

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

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

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

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1115 Weather Conditions: CLEAR
Sample Time/Date: 1130 / 9/08/03 Water Color: CLEAR Odor: SLIGHT
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)
1117	1½	6.72	1121	22.1		
1120	3.0	6.67	1116	21.6		
1123	4½	6.65	1112	21.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3A	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-3A	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0121 Job Number: 386462
Site Address: 3026 Lakeshore Avenue Event Date: 9/08/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-4A Date Monitored: 9/08/03 Well Condition: O.K
Well Diameter (2) 4 in.
Total Depth 18.55 ft.
Depth to Water 5.86 ft.

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

12.69 xVF .17 = 2.15 x3 (case volume) = Estimated Purge Volume: 6½ 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): 1140 Weather Conditions: CLEAR
Sample Time/Date: 1200 / 9/08/03 Water Color: YELLOW Odor: YES
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1143	2	6.89	1286	23.1		
1147	4	6.80	1274	22.1		
1151	6½	6.79	1270	22.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4A	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-4A	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0121 Job Number: 386462
Site Address: 3026 Lakeshore Avenue Event Date: 9/08/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-5 Date Monitored: 9/08/03 Well Condition: O.K
Well Diameter (2) 4 in.
Total Depth 32.81 ft.
Depth to Water 12.01 ft.
20.80 xVF .17 = 3.53 x3 (case volume) = Estimated Purge Volume: 10½ gal.

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

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

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

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1412 Weather Conditions: Sunny
Sample Time/Date: 1425 / 9/08/03 Water Color: Clear Odor: No
Purging Flow Rate: 2 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)
1414	3½	6.73	1023	20.3		
1416	7.0	6.68	1018	19.8		
1418	10½	6.67	1018	19.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-5	2 x amber	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0121 Job Number: 386462
Site Address: 3026 Lakeshore Avenue Event Date: 9/08/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-6 Date Monitored: 9/08/03 Well Condition: O.K
Well Diameter (2) 4 in.
Total Depth 18.41 ft.
Depth to Water 4.65 ft.
13.76 xVF .17 = 2.33 x3 (case volume) = Estimated Purge Volume: 7 gal.

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

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

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

Time Started: (2400 hrs)
Time Bailed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 0 ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Product Transferred to:

Start Time (purge): 1006 Weather Conditions: Part. Cloudy
Sample Time/Date: 1025 / 9/08/03 Water Color: Yellow Odor: Yes
Purging Flow Rate: — gpm. Sediment Description: Fine Black Silt
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)
1010	2½	6.81	1282	21.3		
1014	5.0	6.76	1276	21.2		
1018	7.0	6.72	1274	21.1		

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0121 Job Number: 386462
Site Address: 3026 Lakeshore Avenue Event Date: 9/08/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-7 Date Monitored: 9/08/03 Well Condition: O.K.
Well Diameter (2) 4 in.
Total Depth 14.05 ft.
Depth to Water 2.60 ft.

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

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

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

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
Other:

Time Started: ____ (2400 hrs)
Time Bailed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: ____ ft
Hydrocarbon Thickness: 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): ____ Weather Conditions: ____
Sample Time/Date: ____ 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
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D

COMMENTS: Monitor only.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0121 Job Number: 386462
Site Address: 3026 Lakeshore Avenue Event Date: 9/08/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-8 Date Monitored: 9/08/03 Well Condition: o.k
Well Diameter (2) 1 4 in.
Total Depth 24.92 ft.
Depth to Water 8.42 ft.

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

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

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

Sampling Equipment:
Disposable Bailer
Pressure Bailer
Discrete Bailer
Other:

Time Started: ____ (2400 hrs)
Time Bailed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: ____ ft
Hydrocarbon Thickness: 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): Weather Conditions:
Sample Time/Date: 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
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
MW-	x amber	YES	NP	LANCASTER	TPH-D

COMMENTS: Monitor only.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-0121 Job Number: 386462
Site Address: 3026 Lakeshore Avenue Event Date: 9/08/03 (inclusive)
City: Oakland, CA Sampler: Tony C.

Well ID MW-9 Date Monitored: 9/08/03 Well Condition: o.k
Well Diameter (2) 4 in.
Total Depth 15.65 ft.
Depth to Water 4.44 ft.

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

11.21 xVF .17 = 1.90 x3 (case volume) = Estimated Purge Volume: 6 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): 1250 Weather Conditions: CLEAR
Sample Time/Date: 1310 / 9/08/03 Water Color: CLOUDY Odor: YES
Purging Flow Rate: — gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
1254	2	6.78	1264	22.2		
1258	4	6.70	1258	21.6		
1302	6	6.68	1253	21.3		

LABORATORY INFORMATION

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

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

09003-005 Acct. #: 10904 For Lancaster Laboratories use only Sample #: 411959 0-97 GRP #866586 SCR#:

Facility #: SS#9-0121 G-R#386462 Global ID#T0600100328
Site Address: 3026 LAKESHORE AVENUE, 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: Tony Comarda
Service Order #: ☐ Non SAR:

Analyses Requested

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

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

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420 ☐ 7421 ☐	ETHANOL 8260 (H)
QA	9/08/03	—	X			X		2	X	X					
MW-1		1342	X			X		8	X	X	X				X
MW-2A		1235	X			X		8	X	X	X				X
MW-3A		1130	X			X		8	X	X	X				X
MW-4A		1200	X			X		8	X	X	X				X
MW-5		1425	X			X		8	X	X	X				X
MW-6		1025	X			X		8	X	X	X				X
MW-9	↓	1310	X			X		8	X	X	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

	Date	Time		Date	Time
Relinquished by:	9-8-03	1545	Received by:	9/25/03	1645
Relinquished by:	9/10/03	1435	Received by: Bernardo Arroyo	9/10/03	1145
Relinquished by: Bernardo Arroyo	9/10/03	1445	Received by: Airborne	9/10/03	
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt ____ C°			Custody Seals Intact? Yes No		

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583
925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 866586. Samples arrived at the laboratory on Thursday, September 11, 2003. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
QA-T-030908	NA	Water	4119590
MW-1-W-030908	Grab	Water	4119591
MW-2A-W-030908	Grab	Water	4119592
MW-3A-W-030908	Grab	Water	4119593
MW-4A-W-030908	Grab	Water	4119594
MW-5-W-030908	Grab	Water	4119595
MW-6-W-030908	Grab	Water	4119596
MW-9-W-030908	Grab	Water	4119597

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Elizabeth A. Smith
Senior Chemist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4119590

Collected:09/08/2003 00:00

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:17
Discard: 10/25/2003
QA-T-030908 NA Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 QA

QALAK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1

The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

The analysis was performed from a previously opened vial and the results are therefore estimated.

06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 06:10	Linda C Pape	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/15/2003 02:53	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 06:10	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/15/2003 02:53	Elizabeth M Taylor	n.a.

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4119591

Collected: 09/08/2003 13:42 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:17
Discard: 10/25/2003
MW-1-W-030908 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-1

1BRIA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	3,500.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
	Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,100.	130.	ug/l	5
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	200.	1.	ug/l	2
05401	Benzene	71-43-2	4.	0.5	ug/l	1
05407	Toluene	108-88-3	10.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	2.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	11.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 10:14	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	09/17/2003 11:11	Tracy A Cole	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003 00:10	Elizabeth M Taylor	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/19/2003 16:46	Elizabeth M Taylor	2
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 10:14	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003 00:10	Elizabeth M Taylor	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4119591

Collected:09/08/2003 13:42 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:17
Discard: 10/25/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-1-W-030908 Grab Water

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-1

1BRIA

01163	GC/MS VOA Water Prep	SW-846 5030B	2	09/19/2003 16:46	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	09/16/2003 09:10	Jessica Agosto	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4119592

Collected:09/08/2003 12:35 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:17
Discard: 10/25/2003
MW-2A-W-030908 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-2A

2ABRI

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	540.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,000.	250.	ug/l	10
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	7,000.	20.	ug/l	40
05401	Benzene	71-43-2	3.	0.5	ug/l	1
05407	Toluene	108-88-3	0.7	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	0.7	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	3.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 07:41	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	09/17/2003 11:31	Tracy A Cole	10
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003 00:36	Elizabeth M Taylor	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/19/2003 17:13	Elizabeth M Taylor	40
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 07:41	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003 00:36	Elizabeth M Taylor	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	09/19/2003 17:13	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	09/16/2003 09:10	Jessica Agosto	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4119592

Collected: 09/08/2003 12:35 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:17
Discard: 10/25/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-2A-W-030908 Grab Water

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-2A

2ABRI

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Analysis Report

Lancaster Laboratories Sample No. WW 4119593

Collected: 09/08/2003 11:30 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:17
Discard: 10/25/2003
MW-3A-W-030908 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-3A

3ABRI

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	110.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	27.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 08:12	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	09/17/2003 11:50	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/19/2003 17:39	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 08:12	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/19/2003 17:39	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	09/16/2003 09:10	Jessica Agosto	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4119594

Collected: 09/08/2003 12:00 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:17
Discard: 10/25/2003
MW-4A-W-030908 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-4A

4ABRI

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	1,300.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	3,900.	120.	ug/l	5
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	250.	ug/l	5
02010	Methyl Tertiary Butyl Ether	1634-04-4	2,900.	25.	ug/l	50
05401	Benzene	71-43-2	28.	3.	ug/l	5
05407	Toluene	108-88-3	4.	3.	ug/l	5
05415	Ethylbenzene	100-41-4	4.	3.	ug/l	5
06310	Xylene (Total)	1330-20-7	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	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 08:42	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	09/17/2003 12:10	Tracy A Cole	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/19/2003 18:06	Elizabeth M Taylor	50
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/20/2003 03:02	Elizabeth M Taylor	5
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 08:42	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/19/2003 18:06	Elizabeth M Taylor	n.a.

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Analysis Report

Lancaster Laboratories Sample No. WW 4119594

Collected:09/08/2003 12:00 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:17
Discard: 10/25/2003
MW-4A-W-030908 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-4A

4ABRI

02135	Extraction - DRO Water Special	TPH by CA LUFT	1	09/16/2003 09:10	Jessica Agosto	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4119595

Collected:09/08/2003 14:25 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:17
Discard: 10/25/2003
MW-5-W-030908 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-5

5BRIA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	65.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	8.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 09:13	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	09/17/2003 13:08	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003 01:56	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 09:13	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003 01:56	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	09/16/2003 09:10	Jessica Agosto	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4119596

Collected:09/08/2003 10:25 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:18
Discard: 10/25/2003
MW-6-W-030908 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-6

6BRIA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
	Due to the nature of the sample matrix, the surrogate standard recovery is below the range of specifications.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	230.	50.	ug/l	1
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons).					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/24/2003 12:09	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	09/18/2003 02:08	Tracy A Cole	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/20/2003 14:31	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/24/2003 12:09	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/20/2003 14:31	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	09/16/2003 23:00	Felix C Arroyo	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4119597

Collected: 09/08/2003 13:10 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:18
Discard: 10/25/2003

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MW-9-W-030908 Grab Water

GRD

Facility# 90121 Job# 386462
3026 Lakeshore Ave Oaklan T0600100328 MW-9

9BRIA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	3,000.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
	Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.					
05553	TPH - DRO CA LUFT (Waters)	n.a.	3,000.	240.	ug/l	10
	According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	120.	0.5	ug/l	1
05401	Benzene	71-43-2	3.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	2.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	3.	0.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	09/15/2003 09:43	Linda C Pape	1
05553	TPH - DRO CA LUFT (Waters)	CALUFT-DRO/8015B, Modified	1	09/19/2003 16:37	Tracy A Cole	10
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	09/18/2003 03:41	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/15/2003 09:43	Linda C Pape	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2003 03:41	Elizabeth M Taylor	n.a.
02135	Extraction - DRO Water Special	TPH by CA LUFT	1	09/16/2003 23:00	Felix C Arroyo	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4119597

Collected:09/08/2003 13:10 by TC

Account Number: 10904

Submitted: 09/11/2003 09:20
Reported: 09/24/2003 at 17:18
Discard: 10/25/2003
MW-9-W-030908 Grab Water

ChevronTexaco
6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

Facility# 90121 Job# 386462 GRD
3026 Lakeshore Ave Oaklan T0600100328 MW-9

9BRIA

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Analysis Report

Quality Control Summary

Client Name: ChevronTexaco
Group Number: 866586
Reported: 09/24/03 at 05:18 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 03255A16C	Sample number(s): 4119590-4119595,4119597							
TPH-GRO - Waters	N.D.	50.	ug/l	103	103	70-130	0	30
Batch number: 032582816A	Sample number(s): 4119591-4119595							
TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	88	91	61-126	4	20
Batch number: 032590018A	Sample number(s): 4119596-4119597							
TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	71	86	61-126	19	20
Batch number: 03266A16A	Sample number(s): 4119596							
TPH-GRO - Waters	N.D.	50.	ug/l	91	102	70-130	11	30
Batch number: P032572AA	Sample number(s): 4119590							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	97		77-127		
Benzene	N.D.	0.5	ug/l	100		85-117		
Toluene	N.D.	0.5	ug/l	100		85-115		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	100		84-120		
Batch number: P032603AA	Sample number(s): 4119591-4119592,4119595,4119597							
Ethanol	N.D.	50.	ug/l	106		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		77-127		
Benzene	N.D.	0.5	ug/l	98		85-117		
Toluene	N.D.	0.5	ug/l	95		85-115		
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	97		84-120		
Batch number: P032621AA	Sample number(s): 4119591-4119594							
Ethanol	N.D.	50.	ug/l	115		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	102		77-127		
Benzene	N.D.	0.5	ug/l	101		85-117		
Toluene	N.D.	0.5	ug/l	97		85-115		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	96		84-120		
Batch number: P032631AA	Sample number(s): 4119596							
Ethanol	N.D.	50.	ug/l	115		46-145		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	98		77-127		
Benzene	N.D.	0.5	ug/l	99		85-117		
Toluene	N.D.	0.5	ug/l	93		85-115		
Ethylbenzene	N.D.	0.5	ug/l	92		82-119		
Xylene (Total)	N.D.	0.5	ug/l	94		84-120		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 03255A16C	Sample number(s): 4119590-4119595,4119597								
TPH-GRO - Waters	112		63-154						
Batch number: 03266A16A	Sample number(s): 4119596								
TPH-GRO - Waters	119		63-154						

*- 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: 09/24/03 at 05:18 PM

Group Number: 866586

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: P032572AA	Sample number(s): 4119590								
Methyl Tertiary Butyl Ether	106	105	69-134	0	30				
Benzene	107	107	83-128	0	30				
Toluene	109	108	83-127	1	30				
Ethylbenzene	108	108	82-129	0	30				
Xylene (Total)	108	107	82-130	1	30				
Batch number: P032603AA	Sample number(s): 4119591-4119592,4119595,4119597								
Ethanol	110	112	38-149	2	30				
Methyl Tertiary Butyl Ether	99	100	69-134	1	30				
Benzene	104	105	83-128	1	30				
Toluene	103	104	83-127	2	30				
Ethylbenzene	102	104	82-129	2	30				
Xylene (Total)	103	103	82-130	1	30				
Batch number: P032621AA	Sample number(s): 4119591-4119594								
Ethanol	106	116	38-149	8	30				
Methyl Tertiary Butyl Ether	103	103	69-134	0	30				
Benzene	107	107	83-128	0	30				
Toluene	101	103	83-127	1	30				
Ethylbenzene	102	102	82-129	0	30				
Xylene (Total)	102	102	82-130	0	30				
Batch number: P032631AA	Sample number(s): 4119596								
Ethanol	111	110	38-149	1	30				
Methyl Tertiary Butyl Ether	98	102	69-134	2	30				
Benzene	103	104	83-128	0	30				
Toluene	97	99	83-127	3	30				
Ethylbenzene	97	98	82-129	1	30				
Xylene (Total)	97	98	82-130	2	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
Batch number: 03255A16C

	Trifluorotoluene-F
4119590	112
4119591	164*
4119592	131
4119593	111
4119594	123
4119595	110
4119597	149*
Blank	110
LCS	113
LCSD	115
MS	110
Limits:	57-146

*- 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: 09/24/03 at 05:18 PM

Group Number: 866586

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 032582816A

	Orthoterphenyl
4119591	87
4119592	90
4119593	95
4119594	93
4119595	96
Blank	93
LCS	93
LCSD	96
Limits:	59-139

Analysis Name: TPH - DRO CA LUFT (Waters)
Batch number: 032590018A

	Orthoterphenyl
4119596	96
4119597	100
Blank	87
LCS	84
LCSD	99
Limits:	59-139

Analysis Name: TPH-GRO - Waters
Batch number: 03266A16A

	Trifluorotoluene-F
4119596	26*
Blank	109
LCS	112
LCSD	114
MS	111
Limits:	57-146

Analysis Name: BTEX+MTBE by 8260B
Batch number: P032572AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4119590	94	94	92	91
Blank	90	91	93	91
LCS	91	91	91	89
MS	93	93	92	88
MSD	91	92	92	90
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P032603AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4119591	99	102	99	100
4119592	102	98	97	100
4119595	100	98	97	100
4119597	99	97	96	105

*- 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
Group Number: 866586
Reported: 09/24/03 at 05:18 PM

Surrogate Quality Control

Blank	101	99	96	99
LCS	100	98	98	100
MS	100	96	96	100
MSD	100	98	97	100
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P032621AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4119593	101	99	95	99
4119594	101	97	95	101
Blank	101	99	96	99
LCS	101	99	97	100
MS	101	99	96	100
MSD	100	99	96	100
Limits:	81-120	82-112	85-112	83-113

Analysis Name: BTEX+5 Oxygenates+EDC+EDB+ETOH
Batch number: P032631AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4119596	102	99	95	98
Blank	101	98	95	98
LCS	100	99	95	99
MS	100	96	94	100
MSD	101	98	95	100
Limits:	81-120	82-112	85-112	83-113

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

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Explanation of Symbols and Abbreviations

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

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

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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

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

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

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