

20284



GETTLER-RYAN INC.

TRANSMITTAL

April 19, 2002

G-R #386462

TO: Mr. James Brownell
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670

CC: Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

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

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 12, 2002	Groundwater Monitoring and Sampling Report First Quarter - Event of March 4, 2002

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **May 3, 2002**, at which time the final report will be distributed to the following:

cc: Ms. Eva Chu, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670

Enclosures

trans/9-0121-TB



GETTLER-RYAN INC.

April 12, 2002
G-R Job #386462

Mr. Thomas Bauhs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

RE: First Quarter Event of March 4, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

Dear Mr. Bauhs:

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

- For -

Deanna L. Harding
Project Coordinator

Douglas J. Lee

Douglas J. Lee
Senior Geologist, R.G. No. 6882

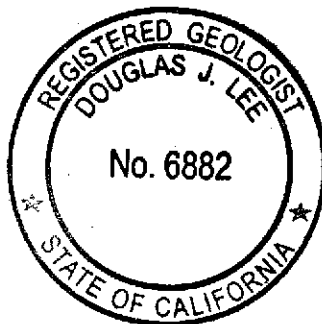
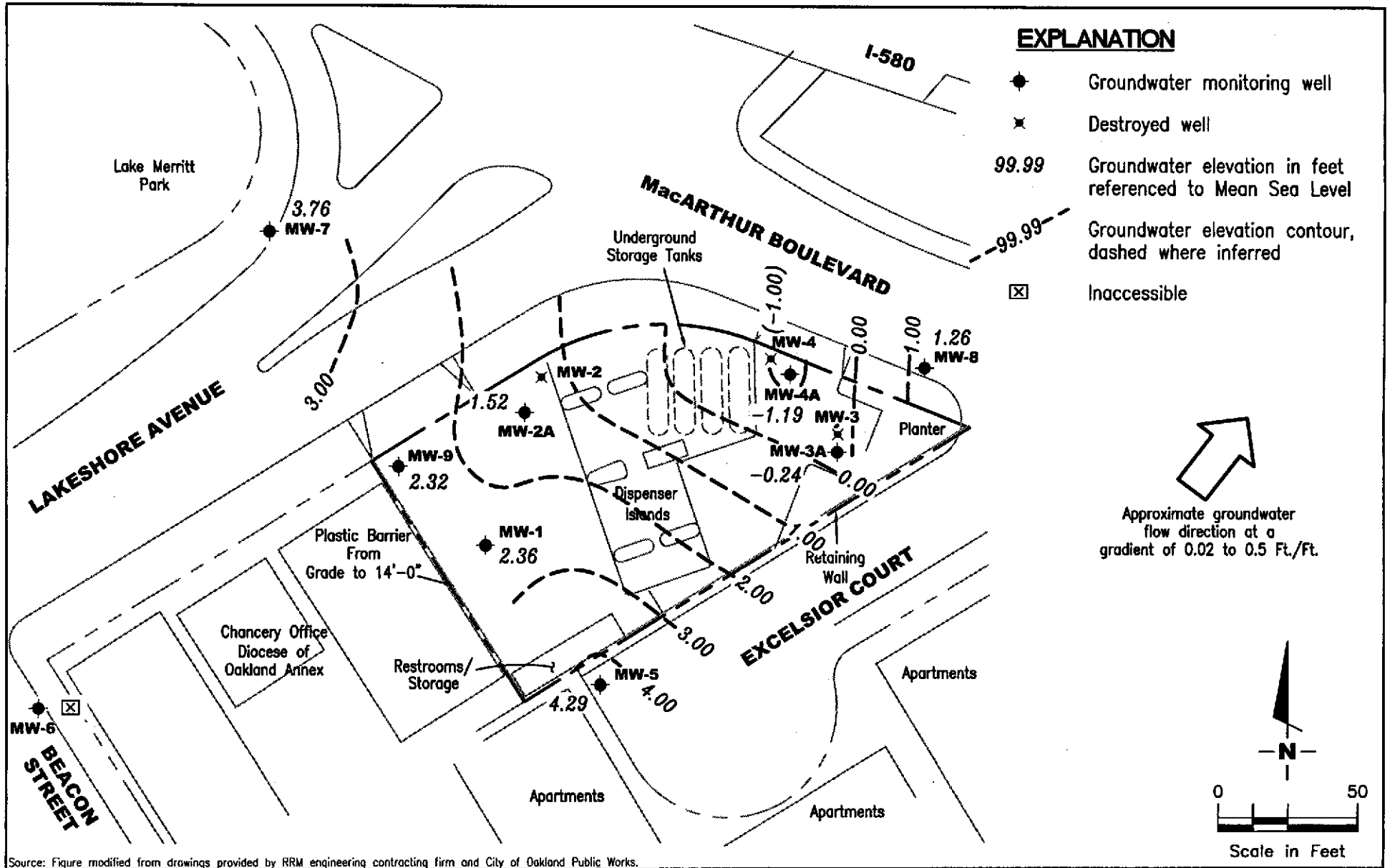


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Dissolved Oxygen Concentrations
Table 3: Groundwater Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical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



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 386462	REVIEWED BY	DATE March 4, 2002	REVISED DATE
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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	--

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		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
					REMOVED (gallons)									
MW-1 (cont)														
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	--	--
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	--	--
03/04/02⁵	6.89	2.36	4.53	0.00	0.00	2,700	3,300	120	17	22	9.0	110	--	--
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	--	--	--	--	--	--	--	--	--	--
10/26/92	6.27	0.34	5.93	--	--	--	--	--	--	--	--	--	--	--
12/23/92	6.27	--	--	--	--	160,000	21,000	5,400	59	1,300	160	--	--	--

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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		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
					REMOVED (gallons)									
MW-2 (cont)														
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		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
					REMOVED (gallons)									
MW-2A														
04/19/99	6.53	1.67	4.86	--	--	820 ²	<2,000	<20	<20	<20	<20	<20	9,200	--
06/14/99	6.53	1.23	5.30	--	--	2,000 ²	<5,000	89	<50	66	<50	<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	--	--
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	--	--	--
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	--	--	--

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)													
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	--
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	--

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		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
					REMOVED (gallons)									
MW-3A (cont)														
06/24/00	8.70	0.32	8.38	0.00	0.00	128 ⁹	<50	0.74	<0.50	<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	<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	<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	<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	<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	<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	<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	<1.5	26	--
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
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		--	--	--	--	--	--	--

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							TDS (ppb)	
					REMOVED (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		MTBE (ppb)
MW-4 (cont)													
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	--
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	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0121

3026 Lakeshore Avenue

Oakland, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>msl</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	SPH		TPH-D (<i>ppb</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	I (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)	TDS (<i>ppb</i>)
					REMOVED (<i>gallons</i>)									
MW-4A (cont)														
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	--	
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	--	--	
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	--	

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.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
				SPHT (ft.)	REMOVED (gallons)								
MW-5 (cont)													
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	--
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	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0121
3026 Lakeshore Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	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)													
12/20/93	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	--
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			--	--	--	--	--

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.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
				SPHT (ft.)	REMOVED (gallons)								
MW-6 (cont)													
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				--	--	--	--	--	--	--	--
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	--	--
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	--	--	--	--	--	--	--	--	--	--

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		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
					REMOVED (gallons)									
MW-7 (cont)														
02/16/98	5.26	3.43	1.83	--	--	77 ²	<50	<0.5	<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	<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	<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	<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	--	--
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	<0.5	--	3,500
09/29/93	8.94	0.69	8.25	--	--	<10	<50	<0.5	<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	--	--	--

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.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
				SPHT (ft.)	REMOVED (gallons)								
MW-8 (cont)													
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	--
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	--	--	--	--	--	--	--	--

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.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
				SPHT (ft.)	REMOVED (gallons)								
MW-8 (cont)													
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	--
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	--
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	--
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	--	--

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		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TDS (ppb)
					REMOVED (gallons)	TPH-D (ppb)							
TRIP BLANK (cont)													
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	--	--
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	--

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)													
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	--

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

SPH = Separate Phase Hydrocarbons

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

TDS = Total Dissolved Solids

-- = Not Measured/Not Analyzed

QA = Quality Assurance

- 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 quantitation range but does not resemble the pattern of the requested fuel. The pattern more closely resembles that of a heavier hydrocarbon mix.

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	--

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, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride 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 Chevron-designated 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.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/ CHEVRON

Facility # 9-0121

Job#: 386462

Address: 3026 Lakeshore Ave.

Date: 3/4/02

City: Oakland, CA

Sampler: TC

Well ID MW-1

Well Condition: o.k

Well Diameter 2(4) in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 19.03 ft.

Depth to Water 4.53 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

14.50 X VF .66 = 9.5 X 3 (case volume) = Estimated Purge Volume: 28 1/2 (gal.)

Purge Equipment:

- Disposable Bailer
- Bailer
- Stack
- Suction
- Grundfos
- Other: _____

Sampling Equipment:

- Disposable Bailer
- Bailer
- Pressure Bailer
- Grab Sample
- Other: _____

Starting Time: 1508

Weather Conditions: Sunny

Sampling Time: 1530

Water Color: Clear Odor: no

Purging Flow Rate: 2.0 gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	pH D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1513</u>	<u>9.5</u>	<u>7.29</u>	<u>1296</u>	<u>67.2</u>	<u>1.1</u>		
<u>1518</u>	<u>19.0</u>	<u>7.12</u>	<u>1321</u>	<u>66.4</u>			
<u>1523</u>	<u>28.5</u>	<u>7.15</u>	<u>1330</u>	<u>66.1</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3 - VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>
<u>MW-1</u>	<u>2 X AMBER</u>	<u>Y</u>	<u>NP</u>	<u> </u> <u> </u>	<u>TPH-D</u>

COMMENTS: ORC IN WELL. TOOK TOTAL WELL DEPTH.
pH - pH 6.0 @ 1.1

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-0181

Job#: 386462

Address: 3026 Lakeshore Ave.

Date: 3/4/02

City: Oakland, CA

Sampler: TL

Well ID MW-2A

Well Condition: o.k

Well Diameter 2 1/4 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons)

Total Depth 16.55 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

Depth to Water 5.01 ft.

11.54 x VF .17 = 1.9 x 3 (case volume) = Estimated Purge Volume: 6.0 (gal.)

Purge Equipment: Disposable Bailer
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: Disposable Bailer
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 1405

Weather Conditions: Sunny

Sampling Time: 1416

Water Color: Cloudy Odor: YES

Purging Flow Rate: _____ gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ hos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1408</u>	<u>2.0</u>	<u>7.02</u>	<u>821</u>	<u>67.1</u>			
<u>1410</u>	<u>4.0</u>	<u>7.36</u>	<u>836</u>	<u>66.7</u>			
<u>1413</u>	<u>6.0</u>	<u>7.30</u>	<u>840</u>	<u>66.4</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2A</u>	<u>3 - VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>
<u>MW-2A</u>	<u>2 AMBER</u>	<u>Y</u>	<u>NP</u>	<u>// //</u>	<u>TPH-D</u>

COMMENTS: Took total well depth.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/CHEVRON

Facility # 9-0181

Job#: 386462

Address: 3026 Lakeshore Ave.

Date: 3/4/02

City: Oakland, CA

Sampler: TL

Well ID MW-3A

Well Condition: O.K.

Well Diameter 2 1/4 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 17.75 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

Depth to Water 8.94 ft.

8.81 x VF .17 = 1.4 x 3 (case volume) = Estimated Purge Volume: 4.5 (gal.)

Purge Equipment: Disposable Bailer
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: Disposable Bailer
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 1318

Weather Conditions: Sunny

Sampling Time: 1330

Water Color: cloudy Odor: NO

Purging Flow Rate: _____ gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1320</u>	<u>1.5</u>	<u>7.16</u>	<u>1241</u>	<u>65.9</u>			
<u>1322</u>	<u>3.0</u>	<u>7.08</u>	<u>1268</u>	<u>65.3</u>			
<u>1325</u>	<u>4.5</u>	<u>7.03</u>	<u>1281</u>	<u>65.5</u>			
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3A</u>	<u>3 - VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>
<u>MW-3A</u>	<u>2 X AMBER</u>	<u>Y</u>	<u>NP</u>	<u>// //</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: Took total well Depth.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-0181

Job#: 386462

Address: 3036 Lakeshore Ave.

Date: 3/4/02

City: Oakland, CA

Sampler: π

Well ID MW-4A

Well Condition: o.k.

Well Diameter 2 1/4 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 18.22 ft.

Depth to Water 8.88 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

9.34 x VF .17 = 1.5 X 3 (case volume) = Estimated Purge Volume: 4.5 (gal.)

Purge Equipment: Disposable Bailer
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: Disposable Bailer
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 1338

Weather Conditions: Sunny

Sampling Time: 1349

Water Color: yellow Odor: yes

Purging Flow Rate: _____ gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1340</u>	<u>1.5</u>	<u>7.02</u>	<u>861</u>	<u>67.2</u>			
<u>1343</u>	<u>3.0</u>	<u>6.52</u>	<u>821</u>	<u>66.8</u>			
<u>1346</u>	<u>4.5</u>	<u>6.49</u>	<u>808</u>	<u>66.6</u>			
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4A</u>	<u>3 - VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>
<u>MW-4A</u>	<u>2 XAMBER</u>	<u>Y</u>	<u>NP</u>	<u>II II</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____

COMMENTS: Took TOTAL well Depth.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-0181

Job#: 386462

Address: 3036 Lakeshore Ave.

Date: 3/4/02

City: Oakland, CA

Sampler: T-C

Well ID MW-5

Well Condition: o.k

Well Diameter 214 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 32.60 ft.

Depth to Water 9.85 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

22.75 X VF .17 = 3.8 X 3 (case volume) = Estimated Purge Volume: 11.5 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1615

Weather Conditions: clean

Sampling Time: 1626

Water Color: clean Odor: NO

Purging Flow Rate: 2.0 gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1617</u>	<u>4.0</u>	<u>7.13</u>	<u>1396</u>	<u>66.9</u>			
<u>1619</u>	<u>8.0</u>	<u>7.01</u>	<u>1381</u>	<u>66.4</u>			
<u>1621</u>	<u>11.5</u>	<u>6.94</u>	<u>1376</u>	<u>66.0</u>			
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>3 - VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>
<u>MW-5</u>	<u>2 K Amber</u>	<u>Y</u>	<u>N</u>	<u> " "</u>	<u>TPH-P</u>
_____	_____	_____	_____	_____	_____

COMMENTS: Took total well depth.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

INACCESSIBLE

Client/CHEVRON

Facility # 9-0181

Job#: 386462

Address: 3026 Lakeshore Ave.

Date: 3/4/02

City: Oakland, CA

Sampler: TL

Well ID MW-6

Well Condition: Parked Over

Well Diameter 214 in.

Hydrocarbon Amount Bailed
Thickness: _____ (feet) (product/water): _____ (Gallons)

Total Depth / ft.

Depth to Water / ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

Purge Equipment: ~~Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____~~

Sampling Equipment: ~~Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____~~

Starting Time: /
Sampling Time: /
Purging Flow Rate: _____ gpm.
Did well de-water? /

Weather Conditions: /
Water Color: _____ Odor: _____
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	- VOA VIALS	Y	HCL	LANCASTER	TPHIGI/btex/pntbe

COMMENTS: Well is located in a red zone, but a car still parked over well, see picture, car was parked over well all day.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/ CHEVRON

Facility # 9-0181

Job#: 386462

Address: 3026 Lakeshore Ave.

Date: 3/4/02

City: Oakland, CA

Sampler: TL

Well ID MW-7

Well Condition: o.k

Well Diameter 21.4 in.

Hydrocarbon Thickness: Ø (feet) Amount Bailed (product/water): Ø (Gallons)

Total Depth 13.95 ft.

Depth to Water 1.50 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

12.45 X VF .17 = 2.1 X 3 (case volume) = Estimated Purge Volume: 6.5 (gal.)

Purge Equipment: Disposable Bailer
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: Disposable Bailer
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 1240

Weather Conditions: Sunny

Sampling Time: 1254

Water Color: cloudy Odor: SLEIGHT

Purging Flow Rate: _____ gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1243</u>	<u>2.0</u>	<u>7.28</u>	<u>1164</u>	<u>66.9</u>			
<u>1246</u>	<u>4.0</u>	<u>7.18</u>	<u>1192</u>	<u>66.4</u>			
<u>1249</u>	<u>6.5</u>	<u>7.12</u>	<u>1204</u>	<u>66.1</u>			
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>3 - VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>
<u>MW-7</u>	<u>2 X AMBER</u>	<u>Y</u>	<u>NP</u>	<u>IL IL</u>	<u>TPH-D</u>
_____	_____	_____	_____	_____	_____

COMMENTS: Took total well depth.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/ CHEVRON

Facility # 9-0181

Job #: 386462

Address: 3026 Lakeshore Ave.

Date: 3/4/02

City: Oakland, CA

Sampler: IL

Well ID MW-8

Well Condition: OK

Well Diameter 214 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 24.85 ft.

Depth to Water 7.65 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

17.17 X VF .17 = 2.9 X 3 (case volume) = Estimated Purge Volume: 8.5 (gal.)

Furge Equipment: Disposable Bailer
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: Disposable Bailer
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 1541

Weather Conditions: clear

Sampling Time: 1556

Water Color: cloudy Odor: no

Purging Flow Rate: _____ gpm.

Sediment Description: _____

Did well de-water? no

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1545</u>	<u>3.0</u>	<u>7.12</u>	<u>1321</u>	<u>60.9</u>			
<u>1548</u>	<u>6.0</u>	<u>6.96</u>	<u>1302</u>	<u>60.2</u>			
<u>1552</u>	<u>8.5</u>	<u>6.92</u>	<u>1306</u>	<u>60.4</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-8</u>	<u>3 - VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(GI)/btex/mtbe</u>
<u>MW-8</u>	<u>2 X AMBER</u>	<u>Y</u>	<u>NP</u>	<u>// //</u>	<u>TPH-D</u>

COMMENTS: TOOK TOTAL WELL DEPTH.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

Client/CHEVRON

Facility # 9-0181

Job#: 386462

Address: 3036 Lakeshore Ave.

Date: 3/4/02

City: Oakland, CA

Sampler: TL

Well ID MW-9

Well Condition: o.k

Well Diameter 2 1/4 in.

Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)

Total Depth 15.41 ft.

Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

Depth to Water 3.55 ft.

11.86 X VF .17 = 2.0 X 3 (case volume) = Estimated Purge Volume: 6.0 (gal.)

Purge Equipment: Disposable Bailer
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: Disposable Bailer
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 1430

Weather Conditions: SUNNY

Sampling Time: 1445

Water Color: cloudy Odor: YES

Purging Flow Rate: _____ gpm.

Sediment Description: _____

Did well de-water? NO

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1432</u>	<u>2.0</u>	<u>7.26</u>	<u>1208</u>	<u>66.9</u>			
<u>1436</u>	<u>4.0</u>	<u>7.16</u>	<u>1212</u>	<u>66.1</u>			
<u>1440</u>	<u>6.0</u>	<u>7.12</u>	<u>1221</u>	<u>65.9</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>3 - VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>
<u>MW-9</u>	<u>2 XAMBER</u>	<u>Y</u>	<u>NP</u>	<u>H H</u>	<u>TPH(-)</u>

COMMENTS: TOOK TOTAL WELL DEPTH.

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only

Accf. #: 10905 Sample #: 578-545-53 SCR#: _____

050302-005

Facility #: <u>9-0121</u> Job # <u>386462</u> Global ID # <u>T0600100328</u>			Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Air <input type="checkbox"/> Soil <input type="checkbox"/> Composite		Analyses Requested Preservation Codes: <input type="checkbox"/> BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> 8260 full scan <input type="checkbox"/> Oxygenates <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421										Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits					
Site Address: <u>3026 LAKESHORE AVE., OAKLAND, CA</u> Chevron PM: <u>Tom Bauhs</u> Lead Consultant: <u>Delta/G-R</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding</u> (<u>Deanna@grinc.com</u>) Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>Tony Camarda</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____																				
Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420	7421	Comments / Remarks	
<u>QA</u>	<u>3/4/02</u>	—							<u>2</u>	<u>X</u>	<u>X</u>									
<u>MW-1</u>	↓	<u>1530</u>	<u>X</u>			<u>X</u>			<u>5</u>	<u>X</u>	<u>X</u>	<u>X</u>								
<u>MW-2A</u>	↓	<u>1416</u>	<u>X</u>			<u>X</u>			<u>5</u>	<u>X</u>	<u>X</u>	<u>X</u>								
<u>MW-3A</u>	↓	<u>1330</u>	<u>X</u>			<u>X</u>			<u>5</u>	<u>X</u>	<u>X</u>	<u>X</u>								
<u>MW-4A</u>	↓	<u>1349</u>	<u>X</u>			<u>X</u>			<u>5</u>	<u>X</u>	<u>X</u>	<u>X</u>								
<u>MW-5</u>	↓	<u>1626</u>	<u>X</u>			<u>X</u>			<u>5</u>	<u>X</u>	<u>X</u>	<u>X</u>								
<u>MW-7</u>	↓	<u>1254</u>	<u>X</u>			<u>X</u>			<u>5</u>	<u>X</u>	<u>X</u>	<u>X</u>								
<u>MW-8</u>	↓	<u>1530</u>	<u>X</u>			<u>X</u>			<u>5</u>	<u>X</u>	<u>X</u>	<u>X</u>								
<u>MW-9</u>	↓	<u>1445</u>	<u>X</u>			<u>X</u>			<u>5</u>	<u>X</u>	<u>X</u>	<u>X</u>								

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) Coeff Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>[Signature]</u>	Date: <u>3/4/02</u>	Time: <u>1730</u>	Received by: <u>[Signature]</u>	Date: <u>3/5/02</u>	Time: <u>1132</u>
Relinquished by: <u>[Signature]</u>	Date: <u>3/5/02</u>	Time: <u>1240</u>	Received by: <u>Ames Amaze</u>	Date: <u>3-5-02</u>	Time: <u>1240</u>
Relinquished by: <u>Ames Amaze</u>	Date: <u>3-5-02</u>	Time: <u>1500</u>	Received by: <u>Airborne</u>	Date: <u>3-5-02</u>	Time: _____
Relinquished by Commercial Carrier: <u>UPS</u>	FedEx Other: <u>Airborne</u>		Received by: <u>Dennis Brostek</u>	Date: _____	Time: <u>975</u>
Temperature Upon Receipt: <u>10-15°C</u>			Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		



ANALYTICAL RESULTS

Prepared for:

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904
925-842-8582

Prepared by:

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

RECEIVED
MAR 11 2002
GETTLER-RYAN INC
LABORATORY

SAMPLE GROUP

The sample group for this submittal is 799110. Samples arrived at the laboratory on Wednesday, March 06, 2002. The PO# for this group is 99011184 and the release number is BAUHS.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-020304	NA	Water	3782545
MW-1-W-020304	Grab	Water	3782546
MW-2A-W-020304	Grab	Water	3782547
MW-3A-W-020304	Grab	Water	3782548
MW-4A-W-020304	Grab	Water	3782549
MW-5-W-020304	Grab	Water	3782550
MW-7-W-020304	Grab	Water	3782551
MW-8-W-020304	Grab	Water	3782552
MW-9-W-020304	Grab	Water	3782553

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories

Where quality is a science.

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

Respectfully Submitted,

Steven A. Skiles
Steven A. Skiles
Sr. Chemist



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

CASE NARRATIVE

Prepared For:

Thomas Bauhs
Chevron Products Company
6001 Bollinger Canyon Road
Building L
P.O. Box 6004
San Ramon, CA 94583-0904

Prepared By:

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

SAMPLE GROUP

The sample group for this submittal is 799110. Samples arrived at the laboratory on Wednesday, March 06, 2002.

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

COMMENTS

The MW-3A and MW-4A vials from Facility 90121 submitted for the BTEX/MTBE and TPH-GRO analysis did not have a pH < 2 at the time of the analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.



Lancaster Laboratories Sample No. WW 3782545

Collected: 03/04/2002 00:00

Account Number: 10905

Submitted: 03/06/2002 09:30

Chevron Products Company

Reported: 03/18/2002 at 16:26

6001 Bollinger Canyon Road

Discard: 04/18/2002

Building L PO Box 6004

QA-T-020304

NA

Water

San Ramon CA 94583-0904

Facility# 90121 Job# 386462

GRD

3026 LAKESHORE-OAKLAND T0600100328 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
	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.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	03/08/2002 05:31	Darvin L Martin	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 05:31	Darvin L Martin	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2002 05:31	Darvin L Martin	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3782546

Collected: 03/04/2002 15:30 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30

Chevron Products Company
6001 Bollinger Canyon Road

Reported: 03/18/2002 at 16:26

Building L PO Box 6004

Discard: 04/18/2002

San Ramon CA 94583-0904

MW-1-W-020304

Grab Water

Facility# 90121 Job# 386462 GRD
3026 LAKESHORE-OAKLAND T0600100328 MW-1

M13LA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters) 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. The observed sample pattern is not typical of diesel/#2 fuel oil.	n.a.	2,700.	100.	ug/l	5
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. 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.	n.a.	3,300.	250.	ug/l	5
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	120.	0.50	ug/l	1
00777	Toluene	108-88-3	17.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	22.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	9.0	1.5	ug/l	1
00780	Methyl tert-Butyl Ether 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.	1634-04-4	110.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected at or above the Reporting Limit



42 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3782546**

Collected: 03/04/2002 15:30 by **TC**

Account Number: 10905

Submitted: 03/06/2002 09:30

Chevron Products Company

Reported: 03/18/2002 at 16:26

6001 Bollinger Canyon Road

Discard: 04/18/2002

Building L PO Box 6004

MW-1-W-020304

Grab

Water

San Ramon CA 94583-0904

Facility# 90121 Job# 386462

GRD

3026 LAKESHORE-OAKLAND

T0600100328 MW-1

M13LA

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
05553	TPH - DRO CA LUFT (Waters)	CA LUFT Diesel Range Organics	1	03/14/2002	15:05	Tracy A Cole	5
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/08/2002	21:38	Linda C Pape	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002	01:20	Darvin L Martin	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2002	21:38	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	TPH by CA LUFT	1	03/07/2002	16:30	Elia R Botrous	1

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



MEMBER
2425 New Holland Pike
PO Box 1242
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3782547**

Collected: 03/04/2002 14:16 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30

Chevron Products Company

Reported: 03/18/2002 at 16:27

6001 Bollinger Canyon Road

Discard: 04/18/2002

Building L PO Box 6004

MW-2A-W-020304

Grab

Water

San Ramon CA 94583-0904

Facility# 90121 Job# 386462

GRD

3026 LAKESHORE-OAKLAND

T0600100328 MW-2A

M2ALA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	2,300.	50.	ug/l	1
<p>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). The observed sample pattern is not typical of diesel/#2 fuel oil.</p> <p>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.</p>						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	630.	50.	ug/l	1
<p>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.</p>						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	5.4	0.50	ug/l	1
00777	Toluene	108-88-3	1.5	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	2.9	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	2.3	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	7,000.	15.	ug/l	50
<p>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.</p>						

State of California Lab Certification No. 2116

Laboratory Chronicle

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3782547**

Collected: 03/04/2002 14:16 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30
Reported: 03/18/2002 at 16:27
Discard: 04/18/2002

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

MW-2A-W-020304 Grab Water

Facility# 90121 Job# 386462 GRD
3026 LAKESHORE-OAKLAND T0600100328 MW-2A

M2ALA CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
05553	TPH - DRO CA LUFT (Waters)	CA LUFT Diesel Range Organics	1	03/13/2002 02:28		Devin M Lahr	1
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/08/2002 10:19		Linda C Pape	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 08:30		Linda C Pape	50
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 10:19		Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2002 08:30		Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	TPH by CA LUFT	1	03/07/2002 16:30		Elia R Botrous	1

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3782548**

Collected: 03/04/2002 13:30 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30
 Reported: 03/18/2002 at 16:27
 Discard: 04/18/2002

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

MW-3A-W-020304 Grab Water

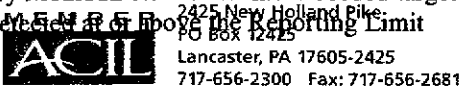
Facility# 90121 Job# 386462 GRD
 3026 LAKESHORE-OAKLAND T0600100328 MW-3A

M3ALA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	85.	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). The observed sample pattern is not typical of diesel/#2 fuel oil.						
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.						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.						
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.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	26.	2.5	ug/l	1

The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt.

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected or below the Reporting Limit





Lancaster Laboratories Sample No. **WW 3782548**

Collected: 03/04/2002 13:30 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Reported: 03/18/2002 at 16:27

Discard: 04/18/2002

MW-3A-W-020304 Grab Water

Facility# 90121 Job# 386462 GRD
3026 LAKESHORE-OAKLAND T0600100328 MW-3A

M3A1A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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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.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	CA LUFT Diesel Range Organics	1	03/14/2002 14:20	Tracy A Cole	1
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/08/2002 14:32	Linda C Pape	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 14:32	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2002 14:32	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	TPH by CA LUFT	1	03/07/2002 16:30	Elia R Botrous	1

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3782549

Collected: 03/04/2002 13:49 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30
 Reported: 03/18/2002 at 16:27
 Discard: 04/18/2002

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

MW-4A-W-020304 Grab Water

Facility# 90121 Job# 386462 GRD
 3026 LAKESHORE-OAKLAND T0600100328 MW-4A

M4ALA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters) 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. The observed sample pattern is not typical of diesel/#2 fuel oil.	n.a.	2,400.	100.	ug/l	5
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. 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.	n.a.	2,500.	50.	ug/l	1
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	49.	0.50	ug/l	1
00777	Toluene	108-88-3	6.8	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	21.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	9.5	1.5	ug/l	1
00780	Methyl tert-Butyl Ether The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not	1634-04-4	2,600.	6.0	ug/l	20

#=Laboratory Method Detection Limit exceeds target detection limit
 N.D.=Not detected or above the Reporting Limit





Lancaster Laboratories Sample No. **WW 3782549**

Collected: 03/04/2002 13:49 by **TC** Account Number: 10905

Submitted: 03/06/2002 09:30
 Reported: 03/18/2002 at 16:27
 Discard: 04/18/2002
 MW-4A-W-020304 Grab Water
 Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

Facility# 90121 Job# 386462 GRD
 3026 LAKESHORE-OAKLAND T06001C0328 MW-4A

M4ALA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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appropriate for the laboratory to adjust the pH at the time of sample receipt.

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.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	CA LUFT Diesel Range Organics	1	03/14/2002 15:28	Tracy A Cole	5
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/08/2002 10:55	Linda C Pape	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 07:54	Linda C Pape	20
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 10:55	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2002 07:54	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	TPH by CA LUFT	1	03/07/2002 16:30	Elia R Botrous	1

#=Laboratory Method Detection Limit exceeds target detection limit

N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike.
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3782550**

Collected: 03/04/2002 16:26 by **TC**

Account Number: 10905

Submitted: 03/06/2002 09:30

Chevron Products Company

Reported: 03/18/2002 at 16:27

6001 Bollinger Canyon Road

Discard: 04/18/2002

Building L PO Box 6004

MW-5-W-020304

Grab

Water

San Ramon CA 94583-0904

Facility# 90121 Job# 386462

GRD

3026 LAKESHORE-OAKLAND

T0600100328 MW-5

M53LA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters) 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). The observed sample pattern is not typical of diesel/#2 fuel oil.	n.a.	78.	50.	ug/l	1
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.						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. 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.	n.a.	N.D.	50.	ug/l	1
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether 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.	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

#=Laboratory Method Detection Limit exceeds target detection limit

N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 3782550

Collected: 03/04/2002 16:26 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30

Reported: 03/18/2002 at 16:27

Discard: 04/18/2002

MW-5-W-020304

Grab

Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 90121 Job# 386462

GRD

3026 LAKESHORE-OAKLAND T0600100328 MW-5

M531A CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
05553	TPH - DRO CA LUFT (Waters)	CA LUFT Diesel Range Organics	1	03/13/2002 01:19	Devin M Lahr	1
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/08/2002 15:07	Linda C Pape	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 15:07	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2002 15:07	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	TPH by CA LUFT	1	03/07/2002 16:30	Elia R Botrous	1

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



MEMBER
2425 New Holland Pike
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3782551**

Collected: 03/04/2002 12:54 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30
 Reported: 03/18/2002 at 16:27
 Discard: 04/18/2002

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

MW-7-W-020304 Grab Water

Facility# 90121 Job# 386462 GRD
 3026 LAKESHORE-OAKLAND T0600100328 MW-7

M73LA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	n.a.	N.D.	50.	ug/l	1
According to the California LUFT Protocol, the quantitation for Diesel Range Organics was performed by peak area comparison of the sample pattern to that of our #2 fuel oil reference standard (between C10 and C28 normal hydrocarbons). Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. 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.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
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.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
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#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected above the Reporting Limit



2425 New Holland Pike
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3782551**

Collected: 03/04/2002 12:54 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30
Reported: 03/18/2002 at 16:27
Discard: 04/18/2002

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

MW-7-W-020304 Grab Water

Facility# 90121 Job# 386462 GRD
3026 LAKESHORE-OAKLAND T0600100328 MW-7

M73LA

Sample ID	Method	Parameter	Result	Date/Time	Analyst	Notes
0555B	TPH - DRO CA LUFT (Waters)	CA LUFT Diesel Range Organics	1	03/12/2002 23:25	Devin M Lahr	1
0172B	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/08/2002 15:42	Linda C Pape	1
0821A	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 15:42	Linda C Pape	1
0114B	GC VOA Water Prep	SW-846 5030B	1	03/08/2002 15:42	Linda C Pape	n.a.
0700B	Extraction - DRO (Waters)	TPH by CA LUFT	1	03/07/2002 16:30	Elia R Botrous	1

#=Laboratory Method Detection Limit exceeded target detection limit
N.D.=Not detected or above the Reporting Limit



MEMBER
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3782552**

Collected: 03/04/2002 15:56 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30
 Reported: 03/18/2002 at 16:27
 Discard: 04/18/2002

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

MW-8-W-020304 Grab Water

Facility# 90121 Job# 386462 GRD
 3026 LAKESHORE-OAKLAND T0600100328 MW-8

M83LA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters) 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). The observed sample pattern is not typical of diesel/#2 fuel oil.	n.a.	82.	50.	ug/l	1
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.						
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. 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.	n.a.	N.D.	50.	ug/l	1
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether 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.	1634-04-4	N.D.	2.5	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected at 5 ug/l Reporting Limit



2425 New Holland Pike
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Lancaster Laboratories Sample No. WW 3782552

Collected: 03/04/2002 15:56 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30

Reported: 03/18/2002 at 16:27

Discard: 04/18/2002

MW-8-W-020304

Grab

Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 90121 Job# 386462 GRD
3026 LAKESHORE-OAKLAND T0600100328 MW-8

M831A

CAT

No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05553	TPH - DRO CA LUFT (Waters)	CA LUFT Diesel Range Organics	1	03/12/2002 23:48	Devin M Lahr	1
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/08/2002 16:18	Linda C Pape	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 16:18	Linda C Pape	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2002 16:18	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	TPH by CA LUFT	1	03/07/2002 16:30	Elia R Botrous	1

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



2425 New Holland Pike
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3782553**

Collected: 03/04/2002 14:45 by TC Account Number: 10905

Submitted: 03/06/2002 09:30
 Reported: 03/18/2002 at 16:27
 Discard: 04/18/2002
 MW-9-W-020304 Grab Water
 Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

Facility# 90121 Job# 386462 GRD
 3026 LAKESHORE-OAKLAND T0600100328 MW-9

M93LA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05553	TPH - DRO CA LUFT (Waters) 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. The observed sample pattern is not typical of diesel/#2 fuel oil.	n.a.	3,700.	100.	ug/l	5
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. 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.	n.a.	4,400.	250.	ug/l	5
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	17.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D. #	5.0	ug/l	1
00778	Ethylbenzene	100-41-4	9.2	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	6.4	1.5	ug/l	1
00780	Methyl tert-Butyl Ether 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.	1634-04-4	79.	2.5	ug/l	1

Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for toluene. The presence or concentration of this compound cannot be determined due to the presence of this interferent.

State of California Lab Certification No. 2116

#=Laboratory Method Detection Limit exceeded target detection limit
 N.D.=Not detected by the Reporting Limit



2425 New Holland Pike
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Page 2 of 2

Lancaster Laboratories Sample No. WW 3782553

Collected: 03/04/2002 14:45 by TC

Account Number: 10905

Submitted: 03/06/2002 09:30

Reported: 03/18/2002 at 16:27

Discard: 04/18/2002

MW-9-W-020304

Grab

Water

Chevron Products Company

6001 Bollinger Canyon Road

Building L PO Box 6004

San Ramon CA 94583-0904

Facility# 90121 Job# 386462

GRD

3026 LAKESHORE-OAKLAND T0600100328 MW-9

M93LA

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
05553	TPH - DRO CA LUFT (Waters)	CA LUFT Diesel Range Organics	1	03/14/2002 15:51	Tracy A Cole	5
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/08/2002 22:15	Linda C Pape	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/08/2002 00:08	Darvin L Martin	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/08/2002 22:15	Linda C Pape	n.a.
07003	Extraction - DRO (Waters)	TPH by CA LUFT	1	03/07/2002 16:30	Elia R Botrous	1

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected or above the Reporting Limit



Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories

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Quality Control Summary

Client Name: Chevron Products Company
 Reported: 03/18/02 at 04:27 PM

Group Number: 799110

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 020660003A TPH - DRO CA LUFT (Waters)	N.D.	50.	ug/l	99	101	54-120	3	20
Batch number: 02066A02A Benzene	N.D.	0.5	ug/l	95	97	80-118	2	30
Toluene	N.D.	0.5	ug/l	96	96	82-119	0	30
Ethylbenzene	N.D.	0.5	ug/l	94	95	81-119	2	30
Total Xylenes	N.D.	1.5	ug/l	96	97	82-120	1	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	85	87	79-127	2	30
TPH-GRO - Waters	N.D.	50.	ug/l	101	101	76-126	0	30
Batch number: 02066A02B Benzene	N.D.	0.5	ug/l	95	97	80-118	2	30
Toluene	N.D.	0.5	ug/l	96	96	82-119	0	30
Ethylbenzene	N.D.	0.5	ug/l	94	95	81-119	2	30
Total Xylenes	N.D.	1.5	ug/l	96	97	82-120	1	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	85	87	79-127	2	30
TPH-GRO - Waters	N.D.	50.	ug/l	101	101	76-126	0	30

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>BKG MAX</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 02066A02A Benzene	99		77-131					
Toluene	100		80-128					
Ethylbenzene	99		76-132					
Total Xylenes	100		76-132					
Methyl tert-Butyl Ether	81		61-144					
TPH-GRO - Waters	105		74-132					
Batch number: 02066A02B Benzene	99		77-131					
Toluene	100		80-128					
Ethylbenzene	99		76-132					
Total Xylenes	100		76-132					
Methyl tert-Butyl Ether	81		61-144					
TPH-GRO - Waters	105		74-132					

Surrogate Quality Control

Analysis Name: TPH - DRO CA LUFT (Waters)
 Batch number: 020660003A
 Orthoterphenyl

*- 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.



Lancaster Laboratories, Inc.
 2425 New Holland Pike
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Lancaster Laboratories

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Quality Control Summary

Client Name: Chevron Products Company
Reported: 03/18/02 at 04:27 PM

Group Number: 799110

Surrogate Quality Control

MAY 08 2002

3782546	98	
3782547	93	
3782548	103	
3782549	92	
3782550	98	
3782551	91	
3782552	96	
3782553	100	
Blank	100	
LCS	97	
LCSD	101	

Limits:	59-139	
Analysis Name:	TPH-GRO - Waters	
Batch number:	02066A02A	
	Trifluorotoluene-F	Trifluorotoluene-P

3782545	98	102
3782546		103
3782547	104	103
3782549	387*	91
3782553		109
Blank	95	103
LCS	107	100
LCSD	112	100
MS	106	99

Limits:	67-135	71-130
Analysis Name:	TPH-GRO - Waters	
Batch number:	02066A02B	
	Trifluorotoluene-F	Trifluorotoluene-P

3782546	102	
3782548	93	101
3782550	93	103
3782551	94	104
3782552	95	102
3782553	108	
Blank	94	100
LCS	107	100
LCSD	112	100
MS	106	99

Limits:	67-135	71-130
---------	--------	--------

* 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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