



GETTLER-RYAN INC.

TRANSMITTAL

120-368
JUL 19 2002

June 28, 2002

G-R #386461

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

CC: Ms. Karen Streich
Chevron Products Company
P.O. Box 6004
San Ramon, California 94583

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

RE: **Chevron Service Station
#9-8139
16304 Foothill Boulevard
San Leandro, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	June 20, 2002	Groundwater Monitoring and Sampling Report Second Quarter - Event of May 9, 2002

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **July 16, 2002**, at which time the final report will be distributed to the following:

cc: Mr. Scott Seery, Alameda County Health Care Services, Dept. of Environmental Health, 1153 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
Mr. Greg Gurss, Gettler-Ryan Inc., 3164 Gold Camp Drive, Suite 240, Rancho Cordova, CA 95670
Mr. Chuck Headlee, RWQCB-S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
Mr. Harv Dhaliwal, P.E., G&S Associates, Inc., 4430 Deerfield Way, Danville, CA 94506

Enclosures



GETTLER-RYAN INC.

JUL 19 2002

June 20, 2002
G-R Job #386461

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

RE: Second Quarter Event of May 9, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

Dear Ms. Streich:

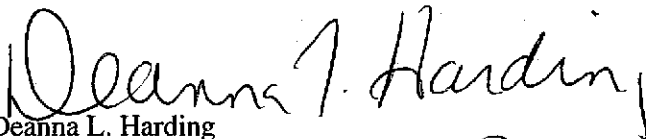
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

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

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

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

Sincerely,


Deanna L. Harding
Project Coordinator

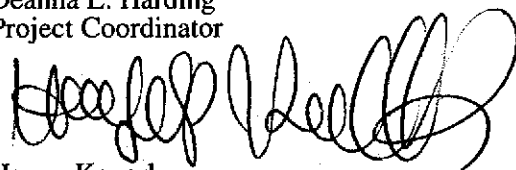
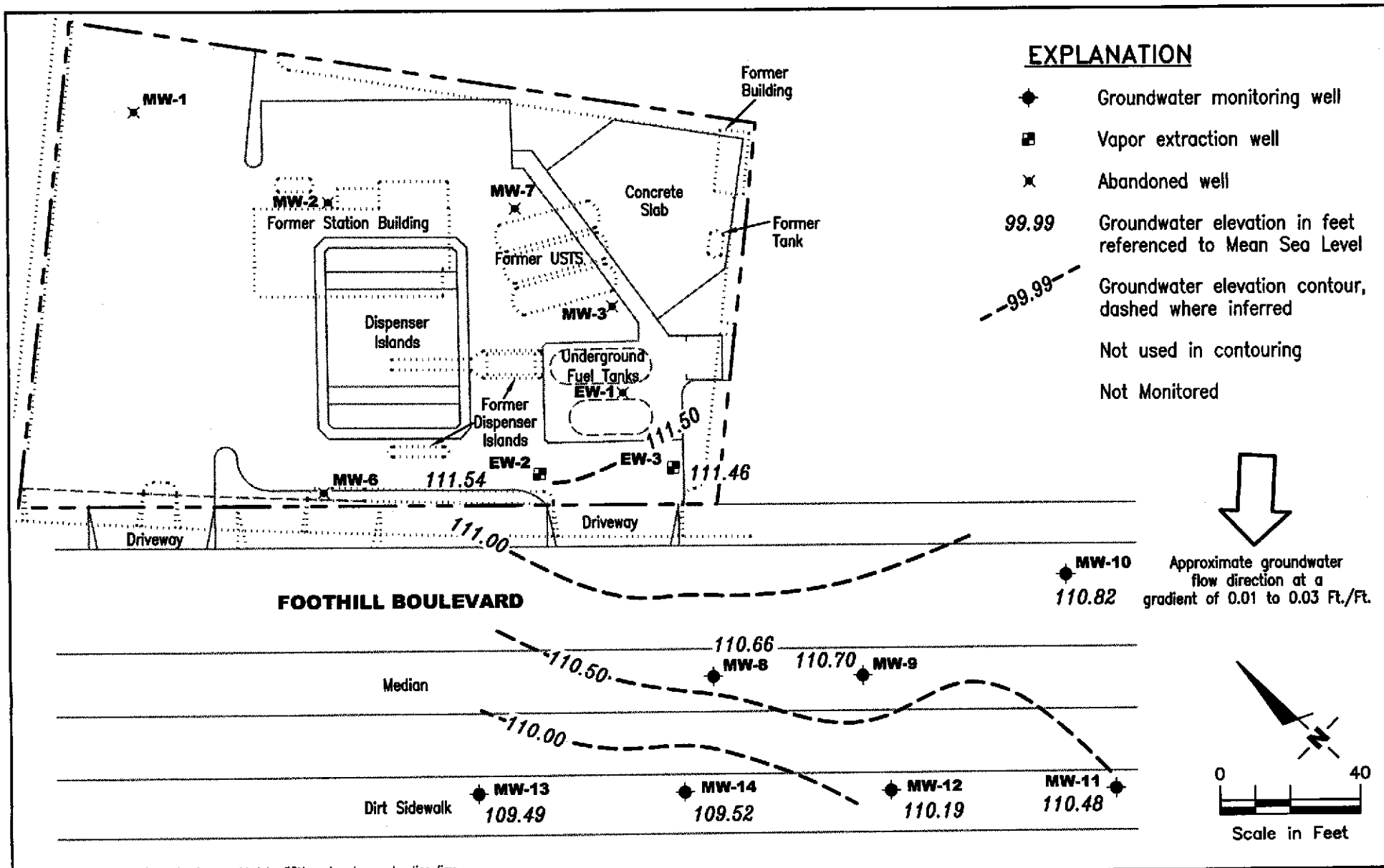

Hagop Kevork
P.E. No. C55734



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



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

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

POTENTIOMETRIC MAP
 Chevron Service Station #9-8139
 16304 Foothill Boulevard
 San Leandro, California

FIGURE

1

JOB NUMBER 386461 REVIEWED BY DATE May 9, 2002 REVISED DATE

FILE NAME: P:\Enviro\Chevron\9-8139\002-9-8139.dwg | Layout Tab: Pot2

Table 1
Groundwater Monitoring and Analytical Results
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1											
127.09	12/05/89 ^{1,3}	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	<0.5
	03/23/90	12.92		114.17	--	--	--	--	--	--	--
	05/24/90	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	09/06/90 ³	14.68		112.41	--	<50	<0.5	0.8	<0.5	<0.5	<0.5
	09/25/90	15.01		112.08	--	--	--	--	--	--	--
	11/29/90	14.82		112.27	--	<50	0.7	0.9	<0.5	1.0	--
	02/20/91	14.29		112.80	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/19/91	12.16		114.93	--	--	--	--	--	--	--
	05/22/91	13.69		113.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
	08/22/91	15.38		111.71	--	<50	<0.5	<0.5	<0.5	<0.5	--
	11/13/91	15.80		111.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/30/92	14.71		112.38	--	<50	0.5	<0.5	<0.5	0.5	--
	04/23/92	12.22		114.87	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/27/92	14.30		112.79	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/26/92	15.90		111.19	--	<50	0.6	<0.5	<0.5	<0.5	--
	01/29/93	10.51		116.58	--	<50	3.0	3.0	0.7	3.0	--
	04/30/93	9.90		117.19	--	<50	<0.5	0.7	<0.5	1.0	--
	07/14/93	12.28		114.81	--	<50	0.7	1.0	<0.5	3.0	--
	10/27/93	15.53		111.56	--	<50	0.9	2.0	<0.5	2.0	--
	01/13/94	12.24		114.85	--	<50	<0.5	0.9	<0.5	<0.5	--
	04/22/94	12.91		114.18	--	<50	1.1	2.6	1.0	5.5	--
	07/29/94	12.75		114.34	--	<50	<0.5	0.9	<0.5	<0.5	--
	10/25/94	13.63		113.46	--	100	0.6	1.6	<0.5	4.1	--
	01/19/95	9.93		117.16	--	<50	<0.5	<0.5	<0.5	<0.5	--
	ABANDONED										
MW-2											
125.98	12/05/89 ^{1,3}	--	--	--	--	<500	<0.5	<0.5	<0.5	0.9	<0.5
	03/23/90	12.40		113.58	--	--	--	--	--	--	--
	05/24/90	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	09/06/90 ³	14.85		111.13	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring and Analytical Results
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2	09/25/90	14.80	--	111.18	--	--	--	--	--	--	--
(cont)	11/29/90	14.40		111.58	--	<50	<0.5	<0.5	<0.5	<0.5	--
	02/20/91	14.09		111.89	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/19/91	12.62		113.36	--	--	--	--	--	--	--
	05/22/91	12.98		113.00	--	<50	<0.5	<0.5	<0.5	<0.5	--
	08/22/91	14.93		111.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
	11/13/91	15.42		110.56	--	58	<0.5	0.5	0.7	2.3	--
	01/30/92	14.70		111.28	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/23/92	13.83		112.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/27/92	15.30		110.68	--	<50	<0.5	<0.5	<0.5	1.1	--
	10/26/92	15.62		110.36	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/29/93	9.26		116.72	--	<50	3.0	8.0	1.0	5.0	--
	04/30/93	9.66		116.32	--	<1,300	<13	<13	<13	<13	--
	07/14/93	11.90		114.08	--	<50	0.8	2.0	0.8	4.0	--
	10/27/93	13.49		112.49	--	<50	1.0	2.0	1.0	2.0	--
	01/13/94	11.99		113.99	--	<50	<0.5	0.6	<0.5	<0.5	--
	04/22/94	12.73		113.25	--	<50	0.6	<0.5	<0.5	1.7	--
	07/29/94	12.30		113.68	--	<50	<0.5	0.9	<0.5	<0.5	--
	10/25/94	13.39		112.59	--	<50	<0.5	0.8	<0.5	2.1	--
	01/19/95	8.71		117.27	--	<50	<0.5	2.3	<0.5	<0.5	--
	ABANDONED										
MW-3	12/05/89 ^{2,3}	--	--	--	--	24,000	2,400	1,800	360	2,600	<0.5
127.84	(D) 12/05/89 ³	--		--	--	24,000	2,500	1,900	390	2,600	<0.5
	03/23/90	17.50		110.34	--	--	--	--	--	--	--
	05/24/90	--		--	--	9,000	2,600	1,700	250	1,500	--
	(D) 05/24/90	--		--	--	10,000	2,600	1,800	260	1,600	--
126.77	09/06/90 ³	18.72		108.05	--	3,500	900	550	110	460	<0.5
	09/25/90	18.40		108.37	--	--	--	--	--	--	--
	11/29/90	18.97		107.80	--	9,200	1,100	1,100	210	1,100	--
	02/20/91	19.20		107.57	--	8,800	960	780	200	920	--

Table 1
Groundwater Monitoring and Analytical Results
 Chevron Service Station #9-8139
 16304 Foothill Boulevard
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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3	04/19/91	17.81	--	108.96	--	--	--	--	--	--	--
(cont)	05/22/91	17.88		108.89	--	28,000	5,800	1,200	460	2,300	--
	08/01/91	19.23		107.54	--	--	--	--	--	--	--
	08/22/91	20.17		106.60	--	21,000	3,100	2,000	480	2,000	--
(D)	08/22/91	--		--	--	19,000	2,700	1,800	420	1,700	--
	11/13/91	19.95		106.82	--	18,000	2,400	1,200	450	2,200	--
	01/30/92	19.14		107.63	--	18,000	3,800	920	700	2,600	--
	04/23/92	17.75		109.02	--	46,000	5,000	1,900	1,000	3,500	--
	07/27/92	19.00		107.77	--	26,000	4,900	1,100	1,200	3,600	--
	10/26/92	19.62		107.15	--	6,600	1,100	41	220	570	--
	01/29/93	15.95		110.82	--	32,000	5,900	2,900	1,300	5,000	--
	04/30/93	15.67		111.10	--	14,000	6,100	98	870	2,400	--
	07/14/93	16.83		109.94	--	12,000	3,100	1,100	720	2,900	--
	10/27/93	17.70		109.07	--	19,000	7,800	400	1,500	3,400	--
	01/13/94	16.54		110.23	--	51,000	3,700	140	720	1,800	--
	04/22/94	17.02		109.75	--	22,000	9,300	89	1,200	2,400	--
	07/29/94	16.95		109.82	--	13,000	4,700	44	580	420	--
	10/25/94	17.66		109.11	--	24,000	8,700	52	1,500	1,400	--
	01/19/95	13.87		112.90	--	17,000	9,300	36	1,600	740	--
	10/12/95	14.23		112.54	--	37,000	12,000	180	1,800	1,500	13,000
	04/11/96	11.04		115.73	--	19,000	2,400	81	1,400	1,500	6,800
	10/03/96	14.62		112.15	--	--	--	--	--	--	--
	ABANDONED										
MW-4	12/05/89 ³	--	--	--	--	19,000	390	1,300	460	1,800	<0.5
125.22	03/23/90	16.02		109.20	--	--	--	--	--	--	--
	05/24/90	--		--	--	4,500	210	440	140	480	--
	09/06/90 ³	17.35		107.87	--	6,000	680	520	170	580	<0.5
	09/25/90	17.48		107.74	--	--	--	--	--	--	--
	11/29/90	17.61		107.61	--	15,000	800	1,000	430	1,700	--
	02/20/91	17.81		107.41	--	15,000	640	390	420	1,600	--

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Groundwater Monitoring and Analytical Results
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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4	(D) 02/20/91	--	--	--	--	15,000	680	410	430	1,600	--
(cont)	04/19/91	15.80		109.42	--	--	--	--	--	--	--
	05/22/91	16.68		108.54	--	9,800	580	140	310	740	--
	(D) 05/22/91	--		--	--	7,200	520	130	270	670	--
	REDESIGNATED EW-3										
MW-5											
125.85	03/23/90	16.89	--	108.96	--	--	--	--	--	--	--
	05/25/90 ⁴	--		--	--	28,000	920	1,100	460	1,300	2.4
	09/07/90	18.46		107.42**	0.04	--	--	--	--	--	--
	09/25/90	18.87		108.02**	1.30	--	--	--	--	--	--
	11/29/90	18.91		107.51**	0.71	--	--	--	--	--	--
	02/20/91	16.99		109.24**	0.47	--	--	--	--	--	--
	04/19/91	19.30		106.93**	0.48	--	--	--	--	--	--
	05/22/91	17.69		108.42**	0.33	--	--	--	--	--	--
	REDESIGNATED EW-2										
MW-6											
124.18	03/23/90	18.51	--	105.67	--	--	--	--	--	--	--
	05/25/90 ⁵	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.02
	09/07/90 ³	16.18		108.00	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
	09/25/90	16.42		107.76	--	--	--	--	--	--	--
	11/29/90 ³	16.11		108.07	--	<50	<0.5	<0.5	<0.5	<0.5	<0.05
	02/20/91	16.09		108.09	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/19/91	15.15		109.03	--	--	--	--	--	--	--
	05/22/91	15.41		108.77	--	<50	0.5	0.7	<0.5	1.1	--
	08/23/91	17.80		106.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
	11/14/91 ⁵	16.52		107.66	--	<50	<0.5	<0.5	<0.5	<0.5	<0.02
	(D) 11/14/91 ³	--		--	--	<50	<0.5	0.6	<0.5	1.1	<0.05
	01/31/92	16.48		107.70	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring and Analytical Results
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6	(D) 01/31/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
(cont)	04/23/92	16.20		107.98	--	<50	<0.5	<0.5	<0.5	<0.5	--
	(D) 04/23/92	--		--	--	--	--	--	--	--	--
	07/27/92	16.52		107.66	--	<50	1.2	0.6	<0.5	1.9	--
	10/26/92	17.12		107.06	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/29/93	13.13		111.05	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/30/93	14.86		109.32	--	<50	<0.5	<0.5	<0.5	0.6	--
	07/14/93	14.61		109.57	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/27/93	15.38		108.80	--	<50	0.9	1.0	0.6	1.0	--
	01/13/94	15.34		108.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/22/94	15.07		109.11	--	<50	<0.5	<0.5	<0.5	2.5	--
	07/29/94	15.30		108.88	--	<50	7.5	1.2	1.0	1.1	--
	10/25/94	15.69		108.49	--	<50	<0.5	<0.5	<0.5	1.2	--
	01/19/95	11.49		112.69	--	<50	<0.5	3.1	<0.5	0.6	--
	10/11/95	14.16		110.02	--	--	--	--	--	--	--
	11/07/95	14.30		109.88	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/96	10.63		113.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/03/96	13.34		110.84	--	--	--	--	--	--	--
	ABANDONED										
MW-7											
126.86	03/23/90	21.40	--	105.46	--	--	--	--	--	--	--
	05/25/90 ⁵	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.02
	09/07/90	18.38		108.48	--	--	--	--	--	--	--
	09/25/90	19.25		107.61	--	--	--	--	--	--	--
	09/27/90 ³	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
	(D) 09/27/90 ³	--		--	--	<50	<2.0	<3.0	<3.0	<3.0	<0.05
	11/29/90	18.55		108.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
	02/20/91	18.55		108.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/19/91	17.33		109.53	--	--	--	--	--	--	--
	05/22/91	17.42		109.44	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring and Analytical Results
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	GWE (mst)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-7	08/22/91	19.05	--	107.81	--	<50	<0.5	<0.5	<0.5	<0.5	--
(cont)	11/13/91	21.84		105.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/30/92	22.42		104.44	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/23/92	22.04		104.82	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/27/92	22.24		104.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/26/92	22.11		104.75	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/29/93	17.07		109.79	--	<50	4.0	13	2.0	8.0	--
	04/30/93	14.86		112.00	--	<50	<0.5	<0.5	<0.5	0.6	--
	07/14/93	16.10		110.76	--	<50	<0.5	1.0	<0.5	2.0	--
	10/27/93	18.71		108.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/13/94	17.89		108.97	--	<50	<0.5	0.9	<0.5	1.0	--
	04/22/94	16.94		109.92	--	<50	<0.5	<0.5	<0.5	1.3	--
	07/29/94	16.70		110.16	--	74	19	8.2	7.8	11	--
	10/25/94	17.42		109.44	--	<50	<0.5	0.6	<0.5	1.6	--
	01/19/95	13.66		113.20	--	<50	<0.5	1.4	<0.5	<0.5	--
	ABANDONED										
MW-8											
123.61	09/07/90 ³	16.07	--	107.54	--	<50	<0.5	<0.5	<0.5	<0.5	<0.05
	09/25/90	16.20		107.41	--	--	--	--	--	--	--
	11/29/90	16.30		107.31	--	<50	<0.5	<0.5	<0.5	<0.5	--
(D)	11/29/90	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	02/20/91	16.32		107.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/19/91	14.71		108.90	--	--	--	--	--	--	--
	05/22/91	15.42		108.19	--	<50	0.6	<0.5	<0.5	1.0	--
	08/22/91	17.15		106.46	--	<50	<0.5	<0.5	<0.5	<0.5	--
	11/14/91	16.99		106.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/30/92	16.30		107.31	--	<50	1.0	0.7	<0.5	1.1	--
	04/23/92	15.05		108.56	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/27/92	16.08		107.53	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/26/92	16.72		106.89	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring and Analytical Results
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-8	01/29/93	12.82	--	110.79	--	1,400	470	470	37	160	--
(cont)	04/30/93	13.54		110.07	--	1,600	<13	15	18	29	--
	07/14/93	14.65		108.96	--	<50	<0.5	0.7	<0.5	2.0	--
	10/27/93	15.04		108.57	--	<50	3.0	4.0	2.0	4.0	--
	01/13/94	15.14		108.47	--	<50	<0.5	4.0	<0.5	<0.5	--
	04/22/94	15.01		108.60	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/28/94	14.70		108.91	--	69	7.3	18	3.3	12	--
	10/25/94	15.20		108.41	--	<50	<0.5	0.8	<0.5	1.6	--
	01/19/95	12.00		111.61	--	<50	<0.5	3.1	<0.5	0.7	--
	05/01/95	11.40		112.21	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/03/97	11.72		111.89	--	<200	<2.0	<2.0	<2.0	<2.0	610
	10/07/97	13.60		110.01	--	<50	<0.5	<0.5	<0.5	<0.5	500
	04/14/98	8.75		114.86	--	<50	<0.5	<0.5	<0.5	<0.5	120
	10/13/98	12.72		110.89	--	270	<0.5	<0.5	<0.5	<0.5	2,600
	04/16/99	11.55		112.06	--	480	<2.0	<2.0	<2.0	<2.0	5,000
	07/29/99 ⁶	12.35		111.26	--	--	--	--	--	--	--
	10/26/99	12.68		110.93	--	1,890	<5.0	12.1	<5.0	<5.0	39,000
	04/07/00 ⁹	11.24		112.37	0.00	<500	<5.0	<5.0	<5.0	<5.0	2,500
	10/10/00 ⁹	12.76		110.85	0.00	295 ¹¹	<0.500	<0.500	<0.500	<0.500	19,500
	04/03/01 ⁹	12.09		111.52	0.00	3,340	2.84	3.05	<0.500	2.58	21,500
	08/14/01 ¹³	13.06		110.55	0.00	2,800 ¹⁴	<20	<20	<20	<20	25,000
	11/16/01	13.07		110.54	0.00	3,000	<1.0	1.1	<1.0	<3.0	16,000/19,000 ¹⁵
	02/15/02	12.71		110.90	0.00	2,000	<0.50	<0.50	<0.50	<1.5	15,000/19,000 ¹⁵
	05/09/02	12.95		110.66	0.00	3,900	<1.0	<1.0	<1.0	<3.0	16,000/15,000 ¹⁵
MW-9											
124.20	08/22/91 ³	17.60	--	106.60	--	9,600	46	170	98	1,200	<0.05
	11/14/91 ³	17.48		106.72	--	11,000	130	58	86	1,500	<0.05
	01/30/92	16.71		107.49	--	11,000	210	29	110	1,900	--
	04/23/92	15.23		108.97	--	17,000	180	25	100	1,900	--
	07/27/92	16.72		107.48	--	2,800	59	1.6	18	280	--

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WELL ID/ TOC* (ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-9	10/26/92	17.22	--	106.98	--	3,200	38	<0.5	19	200	--
(cont)	01/29/93	13.39		110.81	--	1,300	23	6.0	8.0	100	--
	04/30/93	14.00		110.20	--	<1,300	<13	<13	<13	58	--
	07/14/93	15.08		109.12	--	1,300	25	4.0	15	120	--
	10/27/93	15.62		108.58	--	1,100	21	10	19	73	--
	01/13/94	15.59		108.61	--	80	0.7	3.0	0.6	3.0	--
	04/22/94	15.43		108.77	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/29/94	15.20		109.00	--	1,400	19	11	11	69	--
	10/25/94	15.70		108.50	--	1,200	11	2.0	7.6	28	--
	01/19/95	12.58		111.62	--	380	1.6	4.3	1.5	11	--
	05/01/95	11.96		112.24	--	350	1.1	<0.5	1.8	2.3	--
	10/12/95	13.85		110.35	--	1,700	3.8	<2.5	5.3	7.8	18
	04/11/96	11.87		112.33	--	140	<0.5	<0.5	<0.5	<0.5	2.8
	10/03/96	14.07		110.13	--	53	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/97	12.38		111.82	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/07/97	14.14		110.06	--	66	1.3	<0.5	<0.5	<0.5	<2.5
	04/14/98	9.55		114.65	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/13/98	12.61		111.59	--	190	<0.5	<0.5	<0.5	<0.5	1,900
	04/16/99	11.01		113.19	--	3,800	<12	<12	<12	<12	4,400
	07/29/99 ⁶	12.85		111.35	--	--	--	--	--	--	--
	10/26/99	13.24		110.96	--	88.6	<0.5	<0.5	<0.5	<0.5	530
	04/07/00 ⁹	11.68		112.52	0.00	<5,000	<50	<50	<50	<50	27,000
	10/10/00 ⁹	13.30		110.90	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	322
	04/03/01 ⁹	12.69		111.51	0.00	258	<0.500	<0.500	<0.500	0.743	1,300
	08/14/01 ¹³	13.60		110.60	0.00	170 ¹⁴	<0.50	<0.50	<0.50	<0.50	1,300
	11/16/01	13.81		110.39	0.00	100	<0.50	0.99	<0.50	<1.5	330/330 ¹⁵
	02/15/02	13.32		110.88	0.00	<50	<0.50	<0.50	<0.50	<1.5	220/240 ¹⁵
	05/09/02	13.50		110.70	0.00	300	<0.50	<0.50	<0.50	<1.5	970/940 ¹⁵

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San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-10											
125.03	07/27/92	17.52	--	107.51	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/27/92	18.06		106.97	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/29/93	14.15		110.88	--	<50	<0.5	<0.5	<0.5	0.7	--
	04/30/93	14.68		110.35	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/14/93	15.80		109.23	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/27/93	16.33		108.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/13/94	16.29		108.74	--	<50	<0.5	0.5	<0.5	<0.5	--
	04/22/94	16.15		108.88	--	<50	<0.5	<0.5	<0.5	1.1	--
	07/29/94	15.85		109.18	--	<50	0.8	2.1	0.5	1.3	--
	10/25/94	16.41		108.62	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/19/95	13.29		111.74	--	<50	<0.5	<0.5	<0.5	<0.5	--
	05/01/95	12.60		112.43	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/11/95	14.54		110.49	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/96	12.47		112.56	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/03/96	14.74		110.29	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/97	12.99		112.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/07/97	14.86		110.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/14/98	10.24		114.79	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
124.69	10/13/98 ⁷	13.06		111.63	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/16/99	11.80		112.89	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/26/99	13.43		111.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/07/00	12.00		112.69	0.00	--	--	--	--	--	--
	10/10/00	13.59		111.10	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	04/03/01	13.00		111.69	0.00	<50.0	<0.500	<0.500	<0.500	0.580	<0.500
	08/14/01	13.91		110.78	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	11/16/01	13.94		110.75	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ¹⁵
	02/15/02	13.65		111.04	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/09/02	13.87		110.82	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5

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San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.L. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-11											
122.92	07/27/92	15.38	--	107.54	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/26/92	15.97		106.95	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/29/93	12.24		110.68	--	<50	8.0	16	2.0	10	--
	04/30/93	12.77		110.15	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/14/93	13.84		109.08	--	<50	<0.5	0.7	<0.5	1.0	--
	10/27/93	14.23		108.69	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/13/94	14.24		108.68	--	<50	<0.5	1.0	<0.5	<0.5	--
	04/22/94	14.08		108.84	--	<50	<0.5	0.5	<0.5	1.4	--
	07/29/94	13.90		109.02	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/25/94	14.38		108.54	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/19/95	11.45		111.47	--	<50	<0.5	1.8	<0.5	<0.5	--
	05/01/95	11.10		111.82	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/11/95	12.57		110.35	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/96	11.05		111.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/03/96	12.92		110.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/97	11.22		111.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/07/97	13.05		109.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/14/98	9.05		113.87	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/13/98	12.34		110.58	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/16/99	10.73		112.19	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/26/99	11.97		110.95	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/07/00	10.90		112.02	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	10/10/00	12.09		110.83	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	04/03/01	11.59		111.33	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
	08/14/01	12.40		110.52	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	11/16/01	13.45		109.47	0.00	<50	<0.50	0.73	<0.50	<1.5	<2.5/<2 ¹⁵
	02/15/02	12.24		110.68	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/09/02	12.44		110.48	0.00	<50	<0.50	1.0	<0.50	<1.5	<2.5

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MW-12	09/01/00 ¹⁰	11.69	10-28.5	--	--	--	--	--	--	--	--
	10/10/00	12.13		--	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	04/03/01	11.35		--	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
122.36	08/14/01	12.21		110.15	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	11/16/01	12.72		109.64	0.00	<50	<0.50	0.59	<0.50	<1.5	<2.5/<2 ¹⁵
	02/15/02	11.98		110.38	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/09/02	12.17		110.19	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-13	09/01/00 ¹⁰	11.57	19-34	--	--	--	--	--	--	--	--
	10/10/00	11.83		--	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	28.0
	04/03/01	11.46		--	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
121.49	08/14/01	12.36		109.13	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	11/16/01	12.08		109.41	0.00	<50	<0.50	0.64	<0.50	<1.5	<2.5/<2 ¹⁵
	02/15/02	11.81		109.68	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/09/02	12.00		109.49	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
MW-14	09/01/00 ¹⁰	11.96	15-30	--	--	--	--	--	--	--	--
	10/10/00	12.33		--	0.00	79.9 ¹¹	<0.500	<0.500	<0.500	<0.500	854
	04/03/01	11.62		--	0.00	494	<0.500	<0.500	<0.500	<0.500	3,150
122.04	08/14/01	12.55		109.49	0.00	<1,000	<10	<10	<10	<10	2,600
	11/16/01	12.55		109.49	0.00	1,500	<0.50	0.84	<0.50	<1.5	7,800/8,200 ¹⁵
	02/15/02	12.31		109.73	0.00	1,100	<0.50	<0.50	<0.50	<1.5	6,300/6,000 ¹⁵
	05/09/02	12.52		109.52	0.00	1,500	<0.50	<0.50	<0.50	<1.5	6,900/6,300 ¹⁵
EW-1 124.95	05/25/90	--	--	--	--	3,900	260	430	64	340	0.03
	08/01/91	17.54		107.41	--	--	--	--	--	--	--
	10/27/93	--		--	--	350	<0.5	<0.5	<0.5	<0.5	--
	01/13/94	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/22/94	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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EW-1	07/29/94	--	--	--	--	97	0.6	0.5	0.6	5.1	--
(cont)	01/19/95	12.63		112.32	--	3,000	1,600	100	350	760	--
	ABANDONED										
EW-2											
125.79	08/01/91	18.07	--	107.72	--	--	--	--	--	--	--
	04/22/94	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/25/94	16.69		109.10	--	--	--	--	--	--	--
	01/19/95	12.20		113.59	--	1,700	540	69	56	400	--
	05/01/95	12.16		113.63	--	<50	13	<0.5	<0.5	2.1	--
	04/16/99	10.04		115.75	--	3,500	350	160	130	550	3,800
	07/29/99	INACCESSIBLE		--	--	--	--	--	--	--	--
	10/26/99	13.82		111.97	--	2,760	20.6	17.8	40.2	196	13,300
	04/07/00	10.94		114.85	0.00	4,100 ⁸	480	21	310	560	6,800
	10/10/00	13.32		112.47	0.00	3,010 ¹²	14.4	<5.00	61.0	28.2	15,700
	04/03/01	12.57		113.22	0.00	2,870	11.2	5.63	50.2	35.3	5,140
125.52	08/14/01	14.31		111.21	0.00	<5,000	<50	<50	<50	<50	16,000
	11/16/01	14.21		111.31	0.00	2,300	3.2	0.58	13	6.3	4,100/5,300 ¹⁵
	02/15/02	13.74		111.78	0.00	3,500	26	<0.50	74	33	6,900/8,200 ¹⁵
	05/09/02	13.98		111.54	0.00	3,900	11	<0.50	14	2.5	24,000/22,000 ¹⁵
EW-3											
125.22	08/01/91	17.49	--	107.73	--	--	--	--	--	--	--
	10/27/93	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/13/94	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/22/94	--		--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/29/94	--		--	--	<50	1.3	1.3	0.6	5.3	--
	10/25/94	16.20		109.02	--	--	--	--	--	--	--
	01/19/95	12.71		112.51	--	240	45	0.8	22	48	--
	04/03/97	12.33		112.89	--	450	140	<1.2	4.3	3.9	17

Table 1
Groundwater Monitoring and Analytical Results
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (mst)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
EW-3	10/07/97	14.58	--	110.64	--	1,900	510	<5.0	26	8.7	12
(cont)	04/14/98	INACCESSIBLE		--	--	--	--	--	--	--	--
	10/13/98	12.48		112.74	--	1,500	130	<2.5	9.0	4.7	3,600
	04/16/99	11.55		113.67	--	3,800	280	37	270	300	2,800
	07/29/99	INACCESSIBLE		--	--	--	--	--	--	--	--
	10/26/99	13.49		111.73	--	710	204	2.87	7.31	11.8	3,760
	04/07/00	11.41		113.81	0.00	1,100 ⁸	30	<5.0	20	48	2,800
	10/10/00	13.55		111.67	0.00	119 ¹²	2.77	<0.500	4.65	2.77	172
	04/03/01	12.73		112.49	0.00	1,910	22.3	7.23	136	116	16.1
125.21	08/14/01	13.98		111.23	0.00	1,900 ⁸	130	<5.0	39	84	710
	11/16/01	14.03		111.18	0.00	8,800	110	20	530	840	99/99 ¹⁵
	02/15/02	13.51		111.70	0.00	1,300	18	1.1	33	27	600/600 ¹⁵
	05/09/02	13.75		111.46	0.00	740	22	<0.50	15	10	390/360 ¹⁵
TRIP BLANK											
TB-LB	02/20/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	05/22/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	05/22/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	11/13/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/30/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/23/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/27/92	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
	10/26/92	--	--	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	--
	01/29/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/14/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/27/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/13/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/22/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/29/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/25/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring and Analytical Results
 Chevron Service Station #9-8139
 16304 Foothill Boulevard
 San Leandro, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TB-LB (cont)	01/19/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	05/01/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/11/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/03/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/14/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/13/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/16/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/07/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	10/10/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
	04/03/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
	08/14/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	QA	11/16/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5
02/15/02		--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/15/02		--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

Table 1
Groundwater Monitoring and Analytical Results
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to April 7, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing	SPHT = Separate Phase Hydrocarbon Thickness	(ppb) = Parts per billion
(ft.) = Feet	TPH-G = Total Petroleum Hydrocarbons as Gasoline	-- = Not Measured/Not Analyzed
DTW = Depth to Water	B = Benzene	(D) = Duplicate
S.I. = Screen Interval	T = Toluene	ND = Not Detected
(ft.bgs) = Feet Below Ground Surface	E = Ethylbenzene	QA = Quality Assurance
GWE = Groundwater Elevation	X = Xylenes	
(msl) = Mean sea level	MTBE = Methyl tertiary butyl ether	

* TOC elevations were surveyed on September 16, 2000, by Virgil Chavez Land Surveying. The benchmark used for the survey was a copper disc set in the top of headwall on the east side of Foothill, approximately 158 feet south of Miramar Avenue, stamped EBMUD 17B, (Benchmark Elev. = 127.162 feet, NAVD 29).

- 1 Total Petroleum Hydrocarbons as Diesel (TPH-D) was ND with a detection limit of 1,000 ppb and Total Oil and Grease (TOG) was ND with a detection limit of 5,000 ppb.
- 2 TOG was ND with a detection limit of 5,000 ppb.
- 3 Ethylene dibromide (EDB) was <0.05 ppb.
- 4 EDB was detected at 2.4 ppb.
- 5 EDB was <0.02 ppb.
- 6 ORC installed.
- 7 TOC altered due to wellhead maintenance.
- 8 Laboratory report indicates gasoline C6-C12.
- 9 ORC in well.
- 10 Well development performed.
- 11 Laboratory report indicates unidentified hydrocarbons C6-C8.
- 12 Laboratory report indicates weathered gasoline C6-C12.
- 13 ORC removed from well.
- 14 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 15 MTBE by EPA Method 8260.

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 # 9-8139

Job#: 386461

Address: 16304 Foothill Blvd.

Date: 5/09/02

City: San Leandro, CA

Sampler: TC

Well ID MW-8

Well Condition: ok

Well Diameter 2 in.

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

Total Depth 30.95 ft.

Depth to Water 12.95 ft.

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

18.00 x VF 17 = 3.0 x 3 (case volume) = Estimated Purge Volume: 9.0 (gal.)

Purge Equipment:

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

Sampling Equipment:

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

Starting Time: 1310

Weather Conditions: Sunny

Sampling Time: 1325

Water Color: cloudy Odor: yes (swiety)

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>1312</u>	<u>3.3</u>	<u>7.36</u>	<u>505</u>	<u>67.9</u>			
<u>1314</u>	<u>6.0</u>	<u>7.12</u>	<u>582</u>	<u>71.2</u>			
<u>1316</u>	<u>9.0</u>	<u>7.10</u>	<u>596</u>	<u>71.3</u>			
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-8</u>	<u>6 x 20A VIALS</u>	<u>Y</u>	<u>ACL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: Took TOTAL well Depth.

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

Client/CHEVRON
 Facility # 9-8139
 Address: 16304 Foothill Blvd.
 City: San Leandro, CA

Job#: 386461
 Date: 5/09/02
 Sampler: TC

Well ID: mw-9
 Well Diameter: 2 in.
 Total Depth: 26.81 ft.
 Depth to Water: 13.80 ft.

Well Condition: o.k

Hydrocarbon Thickness:	<u>0</u> (feet)	Amount Bailed (product/water):	<u>0</u> (Gallons)
Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

13.31 X VF 0.17 = 2.2 X 3 (case volume) = Estimated Purge Volume: 7 (gal.)

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

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

Starting Time: 1250
 Sampling Time: 1305
 Purging Flow Rate: 20 gpm.
 Did well de-water? no

Weather Conditions: Sunny
 Water Color: Cloudy Odor: yes (sweet)
 Sediment Description: _____
 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>1251</u>	<u>2.0</u>	<u>6.86</u>	<u>582</u>	<u>70.1</u>			
<u>1252</u>	<u>4.0</u>	<u>7.22</u>	<u>542</u>	<u>72.1</u>			
<u>1254</u>	<u>7.0</u>	<u>7.14</u>	<u>536</u>	<u>72.3</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESEV. TYPE	LABORATORY	ANALYSES
<u>mw-9</u>	<u>6 x 20 GAL BALS</u>	<u>Y</u>	<u>ACH</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: Took total well depth.

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

Client/CHEVRON

Facility # 9-8139

Job#: 386461

Address: 16304 Foothill Blvd.

Date: 5/09/02

City: San Leandro, CA

Sampler: TC

Well ID MW-10

Well Condition: OK

Well Diameter 2 in.

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

Total Depth 29.35 ft.

Depth to Water 13.87 ft.

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

15.48 X VF .17 = 2.6 X 3 (case volume) = Estimated Purge Volume: 8.0 (gal.)

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

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

Starting Time: 1009
Sampling Time: 1022
Purging Flow Rate: 2.5 gpm.
Did well de-water? NO

Weather Conditions: Sunny
Water Color: Clear Odor: NO
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)
<u>1010</u>	<u>2.5</u>	<u>7.04</u>	<u>1462</u>	<u>67.6</u>			
<u>1017</u>	<u>5.0</u>	<u>6.98</u>	<u>1410</u>	<u>67.2</u>			
<u>1013</u>	<u>8.0</u>	<u>6.97</u>	<u>1396</u>	<u>67.0</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</u>	<u>Øx 20A VIALS</u>	<u>Y</u>	<u>ACH</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: Took TOTAL well Depths.

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

Client/CHEVRON

Facility # 9-8139

Job#: 386461

Address: 16304 Foothill Blvd.

Date: 5/09/02

City: San Leandro, CA

Sampler: TC

Well ID MW-11

Well Condition: o.k

Well Diameter 2 in.

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

Total Depth 29.50 ft.

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

Depth to Water 12.44 ft.

17.12 x VF .17 = 2.9 x 3 (case volume) = Estimated Purge Volume: 8 1/2 (gal.)

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

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

Starting Time: 1137

Weather Conditions: Sunny

Sampling Time: 1152

Water Color: cloudy 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>1139</u>	<u>3.0</u>	<u>6.92</u>	<u>1715</u>	<u>70.1</u>			
<u>1140</u>	<u>6.0</u>	<u>7.20</u>	<u>590</u>	<u>73.0</u>			
<u>1142</u>	<u>8.5</u>	<u>7.14</u>	<u>551</u>	<u>72.6</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</u>	<u>6 x VOA VIALS</u>	<u>Y</u>	<u>ACL</u>	<u>LANCASTER</u>	<u>TPH(GI)/btex/mtbe</u>

COMMENTS: Took total well Depth.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/ **CHEVRON**

Facility # 9-8139

Job #: 386461

Address: 16304 Foothill Blvd.

Date: 5/09/02

City: San Leandro, CA

Sampler: TC

Well ID MW-12

Well Condition: OK

Well Diameter 2 in.

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

Total Depth 28.11 ft.

Depth to Water 12.17 ft.

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

15.94 x VF .17 = 2.7 x 3 (case volume) = Estimated Purge Volume: 8 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Suction
Grundfos
Other: _____

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

Starting Time: 1200

Weather Conditions: Sunny

Sampling Time: 1214

Water Color: Light Brown 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>1202</u>	<u>3.0</u>	<u>6.93</u>	<u>1610</u>	<u>74.5</u>			
<u>1204</u>	<u>6.0</u>	<u>7.32</u>	<u>621</u>	<u>73.1</u>			
<u>1206</u>	<u>8.0</u>	<u>7.21</u>	<u>610</u>	<u>72.9</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-12</u>	<u>Ø x VDA VIALS</u>	<u>Y</u>	<u>ACL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: Took total well Depth.

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

Client/CHEVRON

Facility # 9-8139

Job#: 386461

Address: 16304 Foothill Blvd.

Date: 5/09/02

City: San Leandro, CA

Sampler: TC

Well ID MW-13

Well Condition: OK

Well Diameter 2 in.

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

Total Depth 33.51 ft.

Depth to Water 12.00 ft.

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

21.51 x VF 0.17 = 3.6 x 3 (case volume) = Estimated Purge Volume: 11.0 (gal.)

Purge Equipment: Disposable Bailer
 Stack
 Suction
 Grundfos
 Other: _____

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

Starting Time: 1054

Weather Conditions: Sunny

Sampling Time: 1112

Water Color: Lgt. Brown 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>1056</u>	<u>3.5</u>	<u>7.16</u>	<u>535</u>	<u>66.6</u>			
<u>1059</u>	<u>7.0</u>	<u>7.54</u>	<u>517</u>	<u>67.8</u>			
<u>1101</u>	<u>11.0</u>	<u>7.60</u>	<u>540</u>	<u>68.8</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-13</u>	<u>4 x 20A VIALS</u>	<u>Y</u>	<u>ACL</u>	<u>LANCASTER</u>	<u>TPH(GI)/btex/mtbe</u>

COMMENTS: Took total well depth

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/CHEVRON

Facility # 9-8139

Job#: 386461

Address: 16304 Foothill Blvd.

Date: 5/09/02

City: San Leandro, CA

Sampler: TC

Well ID MW-14

Well Condition: ok

Well Diameter 2 in.

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

Total Depth 28.67 ft.

Depth to Water 12.52 ft.

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

16.15 x VF .17 = 2.7 x 3 (case volume) = Estimated Purge Volume: 8 1/2 (gal.)

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

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

Starting Time: 1222

Weather Conditions: SUNNY

Sampling Time: 1236

Water Color: cloudy Odor: yes

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>1223</u>	<u>2.5</u>	<u>6.99</u>	<u>1541</u>	<u>75.1</u>			
<u>1225</u>	<u>5.0</u>	<u>7.32</u>	<u>626</u>	<u>74.2</u>			
<u>1227</u>	<u>8.5</u>	<u>7.30</u>	<u>614</u>	<u>73.0</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-14</u>	<u>6 x VOA VIALS</u>	<u>Y</u>	<u>ACL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: Test total well depth. Arrived on site and found that 2" plug and bolts were missing (replaced 2" plug).

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

Client/ CHEVRON
 Facility # 9-8139
 Address: 16304 Foothill Blvd.
 City: San Leandro, CA

Job#: 386461
 Date: 5/10/02
 Sampler: JL

Well ID EW-2
 Well Diameter 4 in.
 Total Depth 30.34 ft.
 Depth to Water 13.98 ft.

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

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

16.36 X VF .66 = 10.7 X 3 (case volume) = Estimated Purge Volume: 32 1/2 (gal.)

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

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

Starting Time: 1445
 Sampling Time: 1540
 Purging Flow Rate: 3.0 gpm.
 Did well de-water? yes 2X

Weather Conditions: Scummy
 Water Color: clear Odor: yes
 Sediment Description: _____
 If yes; Time: 1452, 1459 Volume: 19, 25 (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1445</u>	<u>11.0</u>	<u>7.26</u>	<u>622</u>	<u>69.6</u>			
<u>1458</u>	<u>22.0</u>	<u>7.20</u>	<u>632</u>	<u>71.2</u>			
<u>1520</u>	<u>32.5</u>	<u>7.10</u>	<u>620</u>	<u>71.0</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>EW-2</u>	<u>6x VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANGASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: Took total well depth / well had slow recovery

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

Client/CHEVRON

Facility # 9-8139

Job#: 386461

Address: 16304 Foothill Blvd.

Date: 5/09/02

City: San Leandro, CA

Sampler: TC

Well ID EW-3

Well Condition: ok

Well Diameter 4 in.

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

Total Depth 30.05 ft.

Depth to Water 13.75 ft.

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

16.30 x VF 0.66 = 10.7 x 3 (case volume) = Estimated Purge Volume: 32 1/2 (gal.)

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

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

Starting Time: 1359

Weather Conditions: Sunny

Sampling Time: 1437

Water Color: Clear Odor: 422

Purging Flow Rate: 3.0 gpm.

Sediment Description: _____

Did well de-water? Yes

If yes; Time: 1407 Volume: 22 1/2 (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1403</u>	<u>11.0</u>	<u>6.90</u>	<u>892</u>	<u>69.6</u>			
<u>1407</u>	<u>22.0</u>	<u>7.24</u>	<u>896</u>	<u>72.4</u>			
<u>1425</u>	<u>32.5</u>	<u>7.18</u>	<u>864</u>	<u>73.1</u>			
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>EW-3</u>	<u>OX VOA VIALS</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(GI)/btex/mtbe</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: Took total well depth. / well had slow recovery

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Acct. #: 10905 Sample #: 3818449-58 SCR#: _____

051002-008

Facility #: 9-8139 Job #386461 Global ID#T0600100303
 Site Address: 16304 FOOTHILL BLVD., SAN LEANDRO, CA
 Chevron PM: Karen Streich Lead Consultant: DELTA/G-R
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568
 Consultant Prj. Mgr.: Deanna L. Harding (Deanna@grinc.com)
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: Tony Camarda
 Service Order #: _____ Non SAR:

Analyses Requested

Matrix		Preservation Codes																		
		A	H																	
Soil <input type="checkbox"/>	Water <input type="checkbox"/>	Oil <input type="checkbox"/>	Air <input type="checkbox"/>	Total Number of Containers	BTEX + MTBE 8260	<input type="checkbox"/>	8021													
					TPH 8015 MOD GRO	<input checked="" type="checkbox"/>														
					TPH 8015 MOD DRO	<input type="checkbox"/>	Silica Gel Cleanup													
					8260 full scan		Oxygenates													
					Lead 7420	<input type="checkbox"/>	7421													

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

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

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers
QA	5/6/02								2
MW-8		1325	X		X	X			6
MW-9		1305	X		X	X			6
MW-10		1022	X		X	X			6
MW-11		1152	X		X	X			6
MW-12		1214	X		X	X			6
MW-13		1112	X		X	X			6
MW-14		1236	X		X	X			6
EW-2		1340	X		X	X			6
EW-3		1437	X		X	X			6

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)

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

Data Package Options (please circle if required)

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

Relinquished by: <u>Tony Camarda</u>	Date: _____	Time: _____	Received by: <u>Deanna</u>	Date: <u>5/6/02</u>	Time: <u>1330</u>
Relinquished by: <u>Deanna</u>	Date: <u>5/10/02</u>	Time: <u>1330</u>	Received by: <u>Robert M. Fry</u>	Date: <u>5/10/02</u>	Time: <u>1330</u>
Relinquished by: <u>Robert M. Fry</u>	Date: <u>5/10/02</u>	Time: <u>1400</u>	Received by: <u>Airborne</u>	Date: <u>5/10/02</u>	Time: _____
Relinquished by Commercial Carrier: <u>Airborne</u>	UPS FedEx Other	Temperature Upon Receipt: <u>1.5-4 c</u>	Received by: <u>Deanna</u>	Date: <u>5/11/02</u>	Time: <u>0915</u>
Custody Seals Intact? <u>Yes</u> No					



ANALYTICAL RESULTS

Prepared for:

Chevron Products Company
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583-0904

925-842-8582

Prepared by:

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

RECEIVED

MAY 20 2002

GETTLER-RYAN INC.
GENERAL CONTRACTOR

SAMPLE GROUP

The sample group for this submittal is 807244. Samples arrived at the laboratory on Saturday, May 11, 2002. The PO# for this group is 99011184 and the release number is STREICH.

Client Description

QA-T-020509	NA	Water
MW-8-W-020509	Grab	Water
MW-9-W-020509	Grab	Water
MW-10-W-020509	Grab	Water
MW-11-W-020509	Grab	Water
MW-12-W-020509	Grab	Water
MW-13-W-020509	Grab	Water
MW-14-W-020509	Grab	Water
EW-2-W-020509	Grab	Water
EW-3-W-020509	Grab	Water

Lancaster Labs Number

3818449
3818450
3818451
3818452
3818453
3818454
3818455
3818456
3818457
3818458

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



Lancaster Laboratories Sample No. WW 3818449

Collected: 05/09/2002 00:00

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:13
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

QA-T-020509 NA Water GRD
 Facility# 98139 Job# 386461
 16304 Foothill-San Leandr T0600100303 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 Method	1	05/13/2002 22:40	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/13/2002 22:40	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/13/2002 22:40	Melissa D Mann	n.a.

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



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



Lancaster Laboratories Sample No. **WW 3818450**

Collected: 05/09/2002 13:25 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:14
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

MW-8-W-020509 Grab Water GRD
 Facility# 98139 Job# 386461
 16304 Foothill-San Leandr T0600100303 MW-8

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.	3,900.	250.	ug/l	5
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. #	1.0	ug/l	5
00777	Toluene	108-88-3	N.D. #	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	N.D. #	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	N.D. #	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	16,000.	15.	ug/l	50
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 dilution of the sample made necessary by the high level of MTBE, normal reporting limits were not attained.						
02309	MTBE by GC/MS (water)					
02010	Methyl t-butyl ether	1634-04-4	15,000.	50.	ug/l	100

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/14/2002 06:29	Melissa D Mann	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/14/2002 04:41	Melissa D Mann	50

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



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 Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 3818450

Collected: 05/09/2002 13:25 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15

Reported: 05/16/2002 at 20:14

Discard: 06/16/2002

MW-8-W-020509

Grab

Water

Facility# 98139 Job# 386461

GRD

16304 Foothill-San Leandr T0600100303 MW-8

Chevron Products Company
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583-0904

08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/14/2002 06:29	Melissa D Mann	5
02309	MTBE by GC/MS (water)	SW-846 8260B	1	05/15/2002 11:32	Susan McMahon-Luu	100
01146	GC VOA Water Prep	SW-846 5030B	1	05/14/2002 04:41	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/15/2002 11:32	Susan McMahon-Luu	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. **WW 3818451**

Collected: 05/09/2002 13:05 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:14
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

MW-9-W-020509 Grab Water
 Facility# 98139 Job# 386461 GRD
 16304 Poothill-San Leandr T0600100303 MW-9

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.	300.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	970.	2.5	ug/l	5
	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.					
02309	MTBE by GC/MS (water)					
02010	Methyl t-butyl ether	1634-04-4	940.	3.0	ug/l	5

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/13/2002 16:39	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/13/2002 12:15	Melissa D Mann	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/13/2002 16:39	Melissa D Mann	1
02309	MTBE by GC/MS (water)	SW-846 8260B	1	05/15/2002 11:58	Susan McMahon-Luu	5
01146	GC VOA Water Prep	SW-846 5030B	1	05/13/2002 12:15	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/15/2002 11:58	Susan McMahon-Luu	n.a.

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



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Lancaster Laboratories Sample No. WW 3818451

Collected: 05/09/2002 13:05 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15

Chevron Products Company

Reported: 05/16/2002 at 20:14

6001 Bollinger Canyon Rd L4310

Discard: 06/16/2002

San Ramon CA 94583-0904

MW-9-W-020509 Grab Water

Facility# 98139 Job# 386461 GRD

16304 Foothill-San Leandr T0600100303 MW-9

#=Laboratory Method Detection Limit exceeded target detection limit

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



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



Lancaster Laboratories Sample No. **WW 3818452**

Collected: 05/09/2002 10:22 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:14
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

MW-10-W-020509 Grab Water
 Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 MW-10

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 Method	1	05/13/2002 12:59	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/13/2002 12:59	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/13/2002 12:59	Melissa D Mann	n.a.

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



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



Lancaster Laboratories Sample No. **WW 3818453**

Collected: 05/09/2002 11:52 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:14
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

MW-11-W-020509 Grab Water
 Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 MW-11

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	1.0	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 Method	1	05/13/2002 14:13	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/13/2002 14:13	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/13/2002 14:13	Melissa D Mann	n.a.

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Lancaster Laboratories Sample No. **WW 3818454**

Collected: 05/09/2002 12:14 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:14
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

MW-12-W-020509 Grab Water
 Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 MW-12

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 Method	1	05/13/2002 15:26	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/13/2002 15:26	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/13/2002 15:26	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit
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Lancaster Laboratories Sample No. **WW 3818455**

Collected: 05/09/2002 11:12 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:14
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

MW-13-W-020509 Grab Water
 Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 MW-13

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 Method	1	05/13/2002 16:02	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/13/2002 16:02	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	05/13/2002 16:02	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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Lancaster Laboratories Sample No. **WW 3818456**

Collected: 05/09/2002 12:36 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:14
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

MW-14-W-020509 Grab Water
 Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 MW-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	1,500.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
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	6,900.	7.5	ug/l	25
	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.					
02309	MTBE by GC/MS (water)					
02010	Methyl t-butyl ether	1634-04-4	6,300.	25.	ug/l	50

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/14/2002 05:17	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/14/2002 03:29	Melissa D Mann	25
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/14/2002 05:17	Melissa D Mann	1
02309	MTBE by GC/MS (water)	SW-846 8260B	1	05/15/2002 12:23	Susan McMahon-Luu	50
01146	GC VOA Water Prep	SW-846 5030B	1	05/14/2002 03:29	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/15/2002 12:23	Susan McMahon-Luu	n.a.

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Lancaster Laboratories Sample No. WW 3818456

Collected: 05/09/2002 12:36 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15

Reported: 05/16/2002 at 20:14

Discard: 06/16/2002

Chevron Products Company
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583-0904

MW-14-W-020509 Grab Water
Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-14

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Lancaster Laboratories Sample No. **WW 3818457**

Collected: 05/09/2002 15:40 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:14
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

EW-2-W-020509 Grab Water
 Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 EW-2

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.	3,900.	100.	ug/l	2
	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	11.	0.50	ug/l	2
00777	Toluene	108-88-3	N.D.	0.50	ug/l	2
00778	Ethylbenzene	100-41-4	14.	0.50	ug/l	2
00779	Total Xylenes	1330-20-7	2.5	1.5	ug/l	2
00780	Methyl tert-Butyl Ether	1634-04-4	24,000.	30.	ug/l	100
	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.					
02309	MTBE by GC/MS (water)					
02010	Methyl t-butyl ether	1634-04-4	22,000.	100.	ug/l	200

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Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/14/2002 05:53	Melissa D Mann	2
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/14/2002 04:05	Melissa D Mann	100
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/14/2002 05:53	Melissa D Mann	2
02309	MTBE by GC/MS (water)	SW-846 8260B	1	05/15/2002 12:49	Susan McMahan-Luu	200
01146	GC VOA Water Prep	SW-846 5030B	1	05/14/2002 04:05	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/15/2002 12:49	Susan McMahan-Luu	n.a.

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Lancaster Laboratories Sample No. WW 3818457

Collected: 05/09/2002 15:40 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15

Reported: 05/16/2002 at 20:14

Discard: 06/16/2002

Chevron Products Company
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583-0904

EW-2-W-020509 Grab Water

Facility# 98139 Job# 386461 GRD

16304 Foothill-San Leandr T0600100303 EW-2

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Lancaster Laboratories Sample No. **WW 3818458**

Collected: 05/09/2002 14:37 by **TC**

Account Number: 10905

Submitted: 05/11/2002 09:15
 Reported: 05/16/2002 at 20:14
 Discard: 06/16/2002

Chevron Products Company
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583-0904

EW-3-W-020509 Grab Water
 Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 EW-3

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.	740.	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	22.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	15.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	10.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	390.	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.					
02309	MTBE by GC/MS (water)					
02010	Methyl t-butyl ether	1634-04-4	360.	2.0	ug/l	2

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	05/14/2002 00:29	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	05/14/2002 00:29	Melissa D Mann	1
02309	MTBE by GC/MS (water)	SW-846 8260B	1	05/15/2002 13:15	Susan McMahon-Luu	2
01146	GC VOA Water Prep	SW-846 5030B	1	05/14/2002 00:29	Melissa D Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/15/2002 13:15	Susan McMahon-Luu	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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Lancaster Laboratories Sample No. WW 3818458

Collected: 05/09/2002 14:37 by TC

Account Number: 10905

Submitted: 05/11/2002 09:15

Chevron Products Company

Reported: 05/16/2002 at 20:14

6001 Bollinger Canyon Rd L4310

Discard: 06/16/2002

San Ramon CA 94583-0904

EW-3-W-020509 Grab Water

Facility# 98139 Job# 386461 GRD

16304 Foothill-San Leandr T0600100303 EW-3

#=Laboratory Method Detection Limit exceeded target detection limit

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Quality Control Summary

Client Name: Chevron Products Company
 Reported: 05/16/02 at 08:14 PM

Group Number: 807244

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: 02131A53B	Sample number(s): 3818449							
Benzene	N.D.	0.5	ug/l	102	118	80-118	15	30
Toluene	N.D.	0.5	ug/l	102	115	82-119	12	30
Ethylbenzene	N.D.	0.5	ug/l	104	117	81-119	12	30
Total Xylenes	N.D.	1.5	ug/l	104	117	82-120	11	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	107	121	79-127	12	30
TPH-GRO - Waters	N.D.	50.	ug/l	98	113	76-126	14	30
Batch number: 02131A55B	Sample number(s): 3818451-3818455,3818458							
Benzene	N.D.	0.5	ug/l	89	90	80-118	1	30
Toluene	N.D.	0.5	ug/l	93	94	82-119	1	30
Ethylbenzene	N.D.	0.5	ug/l	94	95	81-119	1	30
Total Xylenes	N.D.	1.5	ug/l	95	96	82-120	1	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	96	95	79-127	1	30
TPH-GRO - Waters	N.D.	50.	ug/l	90	91	76-126	1	30
Batch number: 02131A55C	Sample number(s): 3818450,3818456-3818457							
Benzene	N.D.	0.5	ug/l	89	90	80-118	1	30
Toluene	N.D.	0.5	ug/l	93	94	82-119	1	30
Ethylbenzene	N.D.	0.5	ug/l	94	95	81-119	1	30
Total Xylenes	N.D.	1.5	ug/l	95	96	82-120	1	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	96	95	79-127	1	30
TPH-GRO - Waters	N.D.	50.	ug/l	90	91	76-126	1	30
Batch number: N021351AA	Sample number(s): 3818450-3818451,3818456-3818458							
Methyl t-butyl ether	N.D.	2.	ug/l	85		77-127		

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: 02131A53B	Sample number(s): 3818449							
Benzene	119		77-131					
Toluene	117		80-128					
Ethylbenzene	119		76-132					
Total Xylenes	119		76-132					
Methyl tert-Butyl Ether	116		61-144					
TPH-GRO - Waters	105		74-132					
Batch number: 02131A55B	Sample number(s): 3818451-3818455,3818458							
Benzene	109		77-131					
Toluene	108		80-128					
Ethylbenzene	109		76-132					
Total Xylenes	108		76-132					
Methyl tert-Butyl Ether	96		61-144					
TPH-GRO - Waters	107		74-132					
Batch number: 02131A55C	Sample number(s): 3818450,3818456-3818457							
Benzene	109		77-131					
Toluene	108		80-128					
Ethylbenzene	109		76-132					
Total Xylenes	108		76-132					
Methyl tert-Butyl Ether	96		61-144					
TPH-GRO - Waters	107		74-132					

*. 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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Client Name: Chevron Products Company
 Reported: 05/16/02 at 08:14 PM

Group Number: 807244

Sample Matrix Quality Control

Analysis Name	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup
Batch number: N021351AA	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>
Methyl t-butyl ether								<u>Max</u>
	86	87	69-134	1	30			
Sample number(s): 3818450-3818451, 3818456-3818458								

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
 Batch number: 02131A53B

Trifluorotoluene-F		Trifluorotoluene-P
3818449	107	94
Blank	102	95
LCS	105	100
LCSD	107	98
MS	96	97
Limits: 67-135		71-130

Analysis Name: TPH-GRO - Waters
 Batch number: 02131A55B

Trifluorotoluene-F		Trifluorotoluene-P
3818451	101	102
3818452	89	98
3818453	95	100
3818454	100	101
3818455	100	100
3818458	104	99
Blank	99	100
LCS	104	98
LCSD	107	99
MS	110	98
Limits: 67-135		71-130

Analysis Name: TPH-GRO - Waters
 Batch number: 02131A55C

Trifluorotoluene-F		Trifluorotoluene-P
3818450	101	98
3818456	105	97
3818457	105	105
Blank	102	101
LCS	104	98
LCSD	107	99
MS	110	98
Limits: 67-135		71-130

Analysis Name: MTBE by GC/MS (water)
 Batch number: N021351AA

Dibromofluoromethane		1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3818450	96	98	105	100
3818451	94	96	105	100
3818456	95	98	105	99
3818457	95	95	105	100

- *. 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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Quality Control Summary

Client Name: Chevron Products Company
Reported: 05/16/02 at 08:14 PM

Group Number: 807244

Surrogate Quality Control

3818458	95	98	107	103
Blank	96	99	106	101
LCS	95	98	108	107
MS	95	98	107	106
MSD	94	98	107	106
Limits:	86-118	80-120	88-110	86-115

*- 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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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
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