



GETTLER-RYAN INC.

FEB 07 2002

TRANSMITTAL

January 18, 2002

G-R #386461

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
#9-8139
16304 Foothill Boulevard
San Leandro, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	December 28, 2001	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of November 16, 2001

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 **February 4, 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

trans/9-8139-th



GETTLER-RYAN INC.

December 28, 2001
G-R Job #386461

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

RE: Fourth Quarter Event of November 16, 2001
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, 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.

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,

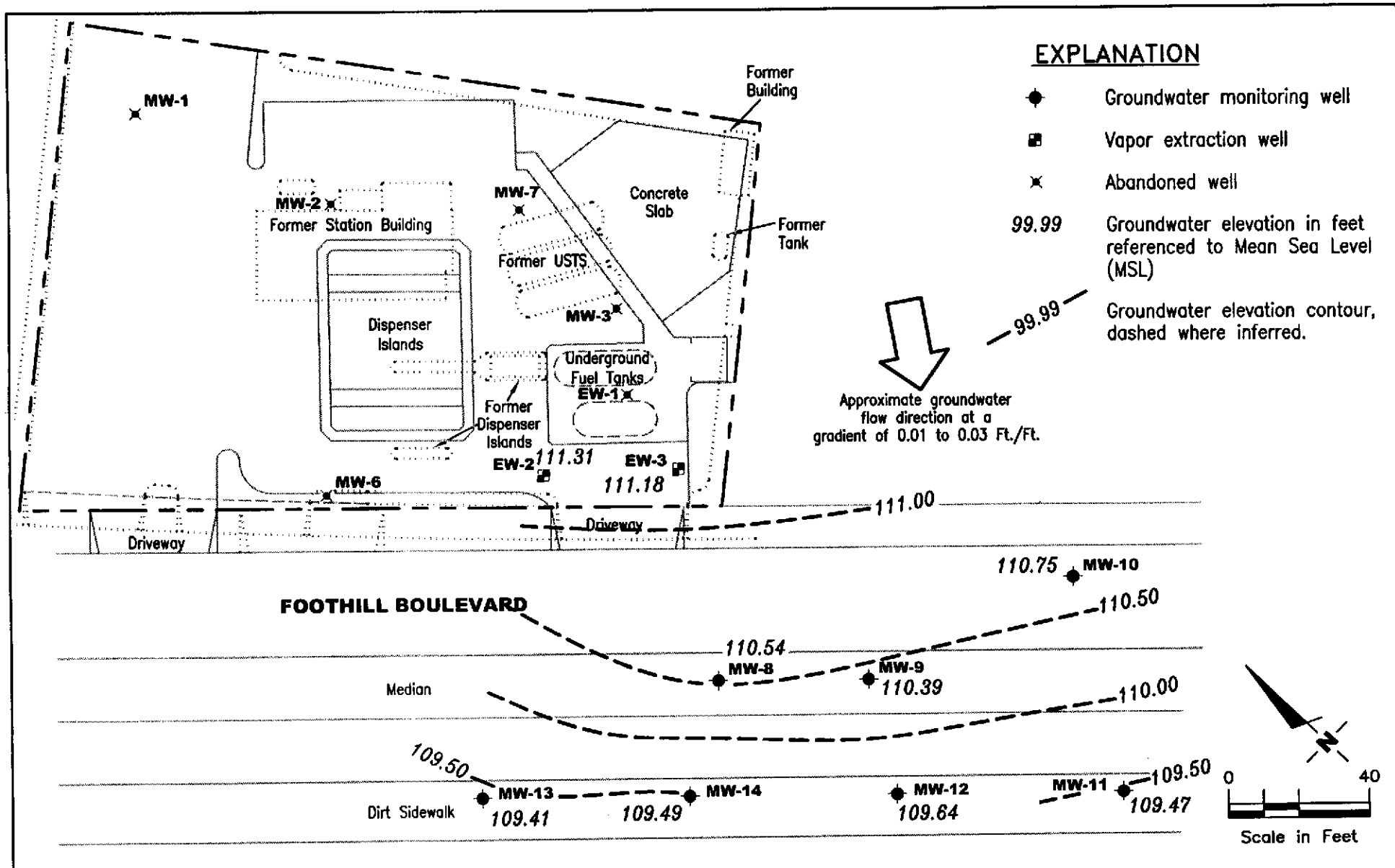
-For-

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
November 16, 2001

REVISED DATE

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

WELL ID/ TOC*	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*	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	--

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WELL ID/ TOC*	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-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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WELL ID/ TOC*		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*		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
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Chevron Service Station #9-8139
16304 Foothill Boulevard
San Leandro, California

WELL ID/ TOC*	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-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
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WELL ID/ TOC*	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
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	--
	10/26/92	17.22		106.98	--	3,200	38	<0.5	19	200	--
	01/29/93	13.39		110.81	--	1,300	23	6.0	8.0	100	--

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WELL ID/ TOC*	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	04/30/93	14.00	--	110.20	--	<1,300	<13	<13	<13	58	--
(cont)	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
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	--

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WELL ID/ TOC*	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-10	10/27/93	16.33	--	108.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
(cont)	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
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	--

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WELL ID/ TOC*	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-11 (cont)	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
	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
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

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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	
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	--	
	07/29/94	--		--	--	97	0.6	0.5	0.6	5.1	--	
	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

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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
	10/07/97	14.58	--	110.64	--	1,900	510	<5.0	26	8.7	12
	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
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	--

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

WELL ID/ TOC*	DATE	DTW (ft.)	S.I. (ft.bgs)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK	04/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
(cont)	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	--
	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	<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
DTW = Depth to Water	TPH-G = Total Petroleum Hydrocarbons as Gasoline	-- = Not Measured/Not Analyzed
(ft.) = Feet	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
 Address: 16304 Foothill Blvd.
 City: San Leandro, CA

Job#: 386461
 Date: 11-16-01
 Sampler: T.C

Well ID: MW-8
 Well Diameter: 2 in.
 Total Depth: 30.60 ft.
 Depth to Water: 13.07 ft.

Well Condition: OK

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	

17.53 X VF .17 = 2.9 X 3 (case volume) = Estimated Purge Volume: 9.0 (gal.)

Purge Equipment: Disposable Bailer
 Stack
 Suction
 Grundfos
 Other: _____

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

Starting Time: 1030
 Sampling Time: 1040
 Purging Flow Rate: 1.5 gpm.
 Did well de-water? no

Weather Conditions: cloudy
 Water Color: clear Odor: no smell
 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>1032</u>	<u>3.0</u>	<u>7.12</u>	<u>1462</u>	<u>68.1</u>			
<u>1034</u>	<u>6.0</u>	<u>7.02</u>	<u>1418</u>	<u>67.6</u>			
<u>1036</u>	<u>9.0</u>	<u>6.98</u>	<u>1398</u>	<u>67.4</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-8</u>	<u>COVADAM</u>	<u>Y</u>	<u>HC</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe 9.0/0</u>

COMMENTS: _____

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

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

Job#: 386461
 Date: 11-16-01
 Sampler: T.C

Well ID MW-9 Well Condition: O.K

Well Diameter 2 in. Hydrocarbon Amount Bailed
 Thickness: 0 (feet) (product/water): 0 (Gallons)
 Total Depth 26.51 ft.
 Depth to Water 13.81 ft.

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

12.70 X VF .17 = 2.1 X 3 (case volume) = Estimated Purge Volume: 6 1/2 (gal.)

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

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

Starting Time: 1055
 Sampling Time: 1108
 Purging Flow Rate: _____ gpm.
 Did well de-water? N

Weather Conditions: Partly Cloudy
 Water Color: Light Brown Odor: N
 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>1057</u>	<u>2.0</u>	<u>7.02</u>	<u>1321</u>	<u>70.1</u>			
<u>1100</u>	<u>4.0</u>	<u>6.98</u>	<u>1342</u>	<u>69.4</u>			
<u>1103</u>	<u>6.5</u>	<u>6.94</u>	<u>1338</u>	<u>69.2</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>Cylindrical</u>	<u>Y</u>	<u>HCC</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe <u>6/100</u></u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET.

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

Job#: 386461
 Date: 11-16-01
 Sampler: JC

Well ID MW-10
 Well Diameter 2 in.
 Total Depth 28.94 ft.
 Depth to Water 13.94 ft.

Well Condition: o.k.
 Hydrocarbon Thickness: 0 (feet) Amount Bailed (Gallons) 0

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

15.00 X VF 0.17 = 2.5 X 3 (case volume) = Estimated Purge Volume: 7 1/2 (gal.)

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

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

Starting Time: 0950
 Sampling Time: 1005
 Purging Flow Rate: _____ gpm.
 Did well de-water? No

Weather Conditions: Cloudy
 Water Color: Light Brown Odor: N
 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>0952</u>	<u>2.5</u>	<u>7.12</u>	<u>1461</u>	<u>67.8</u>			
<u>0958</u>	<u>5.0</u>	<u>7.01</u>	<u>1432</u>	<u>66.9</u>			
<u>0959</u>	<u>7.5</u>	<u>7.04</u>	<u>1418</u>	<u>67.2</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</u>	<u>COUVOADIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe <u>82162</u></u>

COMMENTS: _____

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

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

Job#: 386461
Date: 11-16-01
Sampler: T.C.

Well ID MW-11 Well Condition: OK

Well Diameter 2 in. Hydrocarbon Thickness: Ø (feet) Amount Bailed: Ø (Gallons)
Total Depth 29.36 ft.
Depth to Water ~~10.04~~ 13.45 ft.

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

15.91 X VF .17 = 2.7 X 3 (case volume) = Estimated Purge Volume: 8.0 (gal.)

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

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

Starting Time: ~~12:45~~ 12:45 Weather Conditions: cloudy
Sampling Time: ~~12:55~~ 12:55 Water Color: Light Brown Odor: ND
Purging Flow Rate: _____ gpm. Sediment Description: _____
Did well de-water? NO If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1247</u>	<u>7.5</u>	<u>7.13</u>	<u>1278</u>	<u>68.2</u>			
<u>1249</u>	<u>5.0</u>	<u>6.92</u>	<u>1326</u>	<u>67.4</u>			
<u>1250</u>	<u>8.0</u>	<u>6.89</u>	<u>1329</u>	<u>67.5</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</u>	<u>6x500ml</u>	<u>Y</u>	<u>HC</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe 8266</u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET.

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

Job#: 386461
 Date: 11-16-01
 Sampler: T.C

Well ID MW-12
 Well Diameter 2 in.
 Total Depth 28.28 ft.
 Depth to Water 12.72 ft.

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

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

15.56 X VF .17 = 2.0 X 3 (case volume) = Estimated Purge Volume: 8.0 (gal.)

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

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

Starting Time: 1218
 Sampling Time: 1230
 Purging Flow Rate: 1.5 gpm.
 Did well de-water? NO

Weather Conditions: Partly Cloudy
 Water Color: Brown Odor: NO
 Sediment Description: Silty
 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>1220</u>	<u>2.5</u>	<u>7.22</u>	<u>1322</u>	<u>67.6</u>			
<u>1222</u>	<u>5.0</u>	<u>7.01</u>	<u>1310</u>	<u>67.1</u>			
<u>1224</u>	<u>8.0</u>	<u>7.06</u>	<u>1296</u>	<u>66.9</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-12</u>	<u>6x200ml</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe 8260</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

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

Job#: 386461
 Date: 11-16-01
 Sampler: T.C

Well ID MW-13
 Well Diameter 2 in.
 Total Depth 33.82 ft.
 Depth to Water 12.08 ft.

Well Condition: o.k
 Hydrocarbon Thickness: 0 (feet) Amount Bailed 0 (Gallons)
 Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
 6" = 1.50 12" = 5.80

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

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

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

Starting Time: 1130
 Sampling Time: 1140
 Purging Flow Rate: 2.0 gpm.
 Did well de-water? no

Weather Conditions: Partly Cloudy
 Water Color: clean Odor: slight
 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>1132</u>	<u>3.5</u>	<u>7.12</u>	<u>1262</u>	<u>68.4</u>			
<u>1134</u>	<u>7.0</u>	<u>6.94</u>	<u>1259</u>	<u>68.2</u>			
<u>1136</u>	<u>11.0</u>	<u>6.92</u>	<u>1261</u>	<u>67.8</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-13</u>	<u>6x conical</u>	<u>Y</u>	<u>HC</u>	<u>LANCASTER</u>	<u>TPH(GI)/btex/mtbe 8260</u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET.

Client/ CHEVRON

Facility # 9-8139

Job#: 386461

Address: 16304 Foothill Blvd.

Date: 11-16-01

City: San Leandro, CA

Sampler: T.U

Well ID MW-14

Well Condition: o.k

Well Diameter 2 in.

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

Total Depth 29.91 ft.

Depth to Water 12.55 ft.

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

17.36 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: 1152

Weather Conditions: Partly Cloudy

Sampling Time: 1204

Water Color: Light Brown Odor: Slight

Purging Flow Rate: 1.5 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>1154</u>	<u>3.0</u>	<u>7.13</u>	<u>1196</u>	<u>68.4</u>	_____	_____	_____
<u>1156</u>	<u>6.0</u>	<u>6.92</u>	<u>1214</u>	<u>67.1</u>	_____	_____	_____
<u>1158</u>	<u>9.0</u>	<u>7.01</u>	<u>1220</u>	<u>67.3</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-14</u>	<u>OXIDAVIAL</u>	<u>Y</u>	<u>HL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe <u>8260</u></u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/CHEVRON

Facility # 9-8139

Job#: 386461

Address: 16304 Foothill Blvd.

Date: 11-16-01

City: San Leandro, CA

Sampler: TIC

Well ID EW-2

Well Condition: 0.6

Well Diameter 4 in.

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

Total Depth 30.02 ft.

Depth to Water 14.23 ft.

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

1581 X VF ^{0.66} ~~0.66~~ = 10.5 X 3 (case volume) = Estimated Purge Volume: 31 1/2 (gal.)

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

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

Starting Time: 1315

Weather Conditions: Partly Cloudy

Sampling Time: 1335

Water Color: Clear 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>1320</u>	<u>10.5</u>	<u>7.36</u>	<u>1077</u>	<u>70.1</u>			
<u>1325</u>	<u>21.0</u>	<u>7.18</u>	<u>1042</u>	<u>68.2</u>			
<u>1330</u>	<u>31.5</u>	<u>7.16</u>	<u>1061</u>	<u>67.6</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>EW-2</u>	<u>6x200ml</u>	<u>Y</u>	<u>Hu</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe 8260</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/CHEVRON

Facility # 9-8139

Job#: 386761

Address: 16304 Foothill Blvd.

Date: 11-16-01

City: San Leandro, CA

Sampler: T.V

Well ID EW-3

Well Condition: OK

Well Diameter 4 in.

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

Total Depth 29.80 ft.

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

Depth to Water 14.03 ft.

15.77 X VF .66 = 10.4 X 3 (case volume) = Estimated Purge Volume: 31 1/2 (gal.)

Purge Equipment: Disposable Bailer
 Stack
 Suction
 Grundfos
 Other: _____

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

Starting Time: 1350
 Sampling Time: 1410
 Purging Flow Rate: 2.0 gpm.
 Did well de-water? w

Weather Conditions: Clear
 Water Color: Clear Odor: yes
 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>1355</u>	<u>10.5</u>	<u>7.42</u>	<u>1010</u>	<u>66.9</u>			
<u>1400</u>	<u>21.0</u>	<u>7.31</u>	<u>986</u>	<u>66.2</u>			
<u>1405</u>	<u>31.5</u>	<u>7.28</u>	<u>992</u>	<u>66.4</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>EW-3</u>	<u>6x uoanid</u>	<u>Y</u>	<u>Heu</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe 8260</u>

COMMENTS: _____

Chevron California Region Analysis Request/Chain of Custody



191101-007

Acct. #: 10905 For Lancaster Laboratories use only Sample #: 37313110-25 SCR#: _____

Facility #: <u>9-8139</u> Job # <u>386461</u> Global ID # <u>T0600100303</u>				Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Air Total Number of Containers <input type="checkbox"/> BTX + MTBE 8260 <input type="checkbox"/> 8021 <input checked="" type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> 8260 full scan <input type="checkbox"/> Oxygenates <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 MTBE By 8260		Analyses Requested				Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits					
Site Address: <u>16304 FOOTHILL BLVD., SAN LEANDRO, CA</u>						Preservation Codes H <input type="checkbox"/> T <input type="checkbox"/> N <input type="checkbox"/> B <input type="checkbox"/> S <input type="checkbox"/> O <input type="checkbox"/>									
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: _____									
Date Collected: <u>11/16/01</u> Time Collected: _____						Grab Composite: _____									
Sample Identification		Date Collected		Time Collected		Grab Composite		Soil Water Oil Air		Total Number of Containers		BTX + MTBE 8260 <input type="checkbox"/> 8021 TPH 8015 MOD GRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan <input type="checkbox"/> Oxygenates Lead 7420 <input type="checkbox"/> 7421 MTBE By 8260		Comments / Remarks	
QA		11/16/01		/		/		X		2		X X		/	
MW-8		/		1040		X		X		6		X X		X	
MW-9		/		1108		X		X		6		X X		X X	
MW-10		/		1005		X		X		6		X X		X X	
MW-11		/		1255		X		X		6		X X		X X	
MW-12		/		1230		X		X		6		X X		X X	
MW-13		/		1140		X		X		6		X X		X X	
MW-14		/		1204		X		X		6		X X		X X	
EW-2		/		1335		X		X		6		X X		X X	
EW-3		/		1410		X		X		6		X X		X X	
Turnaround Time Requested (TAT) (please circle) STD. TAT 72 hour 48 hour 24 hour 4 day 5 day				Relinquished by: <u>Tony Camarda</u> Date: <u>11/16/01</u> Time: _____		Received by: <u>Andres Amaya</u> Date: <u>11/19/01</u> Time: <u>12:34</u>									
Data Package Options (please circle if required) QC Summary Type I — Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk				Relinquished by: <u>Andres Amaya</u> Date: <u>11/19/01</u> Time: <u>2:00pm</u>		Received by: <u>Andres Amaya</u> Date: <u>11-19-01</u> Time: <u>14:00</u>									
Relinquished by: <u>Andres Amaya</u> Date: <u>11-19-01</u> Time: <u>14:30</u>				Received by: <u>Andres Amaya</u> Date: <u>11-19-01</u> Time: _____											
Relinquished by Commercial Carrier: UPS FedEx <u>Other</u>				Received by: <u>Andres Amaya</u> Date: <u>11/20/01</u> Time: <u>09:00</u>											
Temperature Upon Receipt <u>2.0</u> °C				Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No											



ANALYTICAL RESULTS

RECEIVED

Prepared for:

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

GETTLER RYAN INC.
GENERAL CONTRACTORS

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 787245. Samples arrived at the laboratory on Tuesday, November 20, 2001. The PO# for this group is 99011184 and the release number is BAUHS.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-011116	NA Water	3731316
MW-8-W-011116	Grab Water	3731317
MW-9-W-011116	Grab Water	3731318
MW-10-W-011116	Grab Water	3731319
MW-11-W-011116	Grab Water	3731320
MW-12-W-011116	Grab Water	3731321
MW-13-W-011116	Grab Water	3731322
MW-14-W-011116	Grab Water	3731323
EW-2-W-011116	Grab Water	3731324
EW-3-W-011116	Grab Water	3731325

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

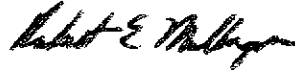


Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



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

Respectfully Submitted,



Robert E. Mellinger
Sr Chemist/Coordinator



Lancaster Laboratories Sample No. WW 3731316

Collected: 11/16/2001 00:00

Account Number: 10905

Submitted: 11/20/2001 09:15
 Reported: 12/03/2001 at 21:25
 Discard: 01/03/2002

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

QA-T-011116 NA Water

Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 QA

SLMW8

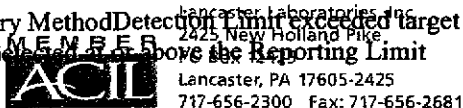
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (waters) The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO 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

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/21/2001 17:59	Melissa Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/21/2001 17:59	Melissa Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/21/2001 17:59	Melissa Mann	n.a.

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





Lancaster Laboratories Sample No. **WW 3731317**

Collected: 11/16/2001 10:40 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Reported: 12/03/2001 at 21:25

Discard: 01/03/2002

MW-8-W-011116

Grab Water

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

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-8

FBMW8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (waters)	n.a.	3,000.	250.	ug/l	5
<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.</p> <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>						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D. #	1.0	ug/l	5
00777	Toluene	108-88-3	1.1	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.	30.	ug/l	100
<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> <p>Due to dilution of the sample made necessary by the high level of MTBE, normal reporting limits were not attained.</p>						
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	19,000.	50.	ug/l	100

State of California Lab Certification No. 2116

Laboratory Chronicle

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





Lancaster Laboratories Sample No. **WW 3731317**

Collected: 11/16/2001 10:40 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15
Reported: 12/03/2001 at 21:25
Discard: 01/03/2002

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

MW-8-W-011116 Grab Water

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-8

FBMW8
CAT

No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/23/2001 15:43	Melissa-Ann S. McAlpine	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/23/2001 14:34	Melissa-Ann S. McAlpine	100
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/23/2001 15:43	Melissa-Ann S. McAlpine	5
01595	Oxygenates by 8260B	SW-846 8260B	1	11/28/2001 13:30	Marla S. Lord	100
01146	GC VOA Water Prep	SW-846 5030B	1	11/23/2001 14:34	Melissa-Ann S. McAlpine	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/28/2001 13:30	Marla S. Lord	n.a.

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



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



Lancaster Laboratories Sample No. **WW 3731318**

Collected: 11/16/2001 11:08 by TC Account Number: 10905

Submitted: 11/20/2001 09:15
 Reported: 12/03/2001 at 21:25
 Discard: 01/03/2002
 MW-9-W-011116 Grab Water
 Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 MW-9

FBMW9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (waters)	n.a.	100.	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	0.99	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	330.	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.						
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	330.	2.0	ug/l	2.5

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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/23/2001 11:43	Melissa-Ann S. McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/23/2001 11:43	Melissa-Ann S. McAlpine	1

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





Lancaster Laboratories Sample No. **WW 3731318**

Collected: 11/16/2001 11:08 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Reported: 12/03/2001 at 21:25

Discard: 01/03/2002

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

MW-9-W-011116 Grab Water

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-9

FBMW9

01595	Oxygenates by 8260B	SW-846 8260B	1	11/28/2001 13:55	Marla S. Lord	2.5
01146	GC VOA Water Prep	SW-846 5030B	1	11/23/2001 11:43	Melissa-Ann S. McAlpine	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/28/2001 13:55	Marla S. Lord	n.a.

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



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



Lancaster Laboratories Sample No. **WW 3731319**

Collected: 11/16/2001 10:05 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15
 Reported: 12/03/2001 at 21:25
 Discard: 01/03/2002

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

MW-10-W-011116 Grab Water

Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 MW-10

FBM10

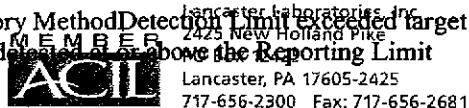
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (waters)	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior 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.					
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/23/2001 12:17	Melissa-Ann S. McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/23/2001 12:17	Melissa-Ann S. McAlpine	1

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





Lancaster Laboratories Sample No. **WW 3731319**

Collected: 11/16/2001 10:05 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Reported: 12/03/2001 at 21:25

Discard: 01/03/2002

MW-10-W-011116 Grab Water

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

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-10

FBM10						
01595	Oxygenates by 8260B	SW-846 8260B	1	11/28/2001 09:39	Kenneth L. Boley	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/23/2001 12:17	Melissa-Ann S. McAlpine	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/28/2001 09:39	Kenneth L. Boley	n.a.

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



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



Lancaster Laboratories Sample No. WW 3731320

Collected: 11/16/2001 12:55 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

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

Reported: 12/03/2001 at 21:25

Discard: 01/03/2002

MW-11-W-011116 Grab Water

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-11

FBM11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (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	0.73	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.						
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/23/2001 12:51	Melissa-Ann S. McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/23/2001 12:51	Melissa-Ann S. McAlpine	1

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



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



Lancaster Laboratories Sample No. **WW 3731320**

Collected: 11/16/2001 12:55 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15
Reported: 12/03/2001 at 21:25
Discard: 01/03/2002

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

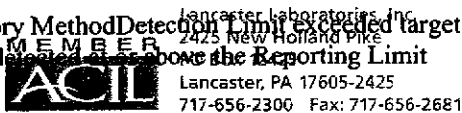
MW-11-W-011116 Grab Water

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-11

FBM11

01595	Oxygenates by 8260B	SW-846 8260B	1	11/28/2001 10:04	Kenneth L. Boley	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/23/2001 12:51	Melissa-Ann S. McAlpine	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/28/2001 10:04	Kenneth L. Boley	n.a.

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





Lancaster Laboratories Sample No. **WW 3731321**

Collected: 11/16/2001 12:30 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Chevron Products Company

Reported: 12/03/2001 at 21:25

6001 Bollinger Canyon Road

Discard: 01/03/2002

Building L PO Box 6004

MW-12-W-011116 Grab Water

San Ramon CA 94583-0904

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-12

FBM12

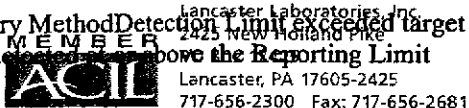
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (waters)	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to 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	0.59	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.						
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/23/2001 13:26	Melissa-Ann S. McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/23/2001 13:26	Melissa-Ann S. McAlpine	1

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





Lancaster Laboratories Sample No. WW 3731321

Collected: 11/16/2001 12:30 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Reported: 12/03/2001 at 21:25

Discard: 01/03/2002

MW-12-W-011116 Grab Water

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

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-12

FBM12

01595	Oxygenates by 8260B	SW-846 8260B	1	11/28/2001 17:34	Nicole S. Albright	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/23/2001 13:26	Melissa-Ann S. McAlpine	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/28/2001 17:34	Nicole S. Albright	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 3731322**

Collected: 11/16/2001 11:40 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Chevron Products Company

Reported: 12/03/2001 at 21:26

6001 Bollinger Canyon Road

Discard: 01/03/2002

Building L PO Box 6004

MW-13-W-011116

Grab

Water

San Ramon CA 94583-0904

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-13

FBM13

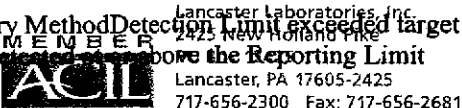
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (waters)	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to 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	0.64	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.						
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/23/2001 14:00	Melissa-Ann S. McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/23/2001 14:00	Melissa-Ann S. McAlpine	1

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





Lancaster Laboratories Sample No. **WW 3731322**

Collected: 11/16/2001 11:40 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Reported: 12/03/2001 at 21:26

Discard: 01/03/2002

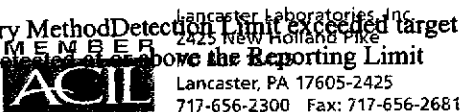
MW-13-W-011116 Grab Water

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

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-13

FBM13						
01595	Oxygenates by 8260B	SW-846 8260B	1	11/28/2001 14:21	Marla S. Lord	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/23/2001 14:00	Melissa-Ann S. McAlpine	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/28/2001 14:21	Marla S. Lord	n.a.

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





Lancaster Laboratories Sample No. **WW 3731323**

Collected: 11/16/2001 12:04 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Chevron Products Company

Reported: 12/03/2001 at 21:26

6001 Bollinger Canyon Road

Discard: 01/03/2002

Building L PO Box 6004

MW-14-W-011116

Grab Water

San Ramon CA 94583-0904

Facility# 98139 Job# 386461 GRD

16304 Foothill-San Leandr T0600100303 MW-14

FBM14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	0.84	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	7,800.	15.	ug/l	50
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	8,200.	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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/27/2001 12:50	Melissa Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/27/2001 01:58	Melissa Mann	50
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/27/2001 12:50	Melissa Mann	1
01595	Oxygenates by 8260B	SW-846 8260B	1	11/28/2001 14:47	Marla S. Lord	100
01146	GC VOA Water Prep	SW-846 5030B	1	11/27/2001 01:58	Melissa Mann	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/28/2001 14:47	Marla S. Lord	n.a.

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





Lancaster Laboratories Sample No. **WW 3731323**

Collected: 11/16/2001 12:04 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Chevron Products Company

Reported: 12/03/2001 at 21:26

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Discard: 01/03/2002

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MW-14-W-011116 Grab Water

San Ramon CA 94583-0904

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 MW-14

FBM14

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ACIL
Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. **WW 3731324**

Collected: 11/16/2001 13:35 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Chevron Products Company

Reported: 12/03/2001 at 21:26

6001 Bollinger Canyon Road

Discard: 01/03/2002

Building L PO Box 6004

EW-2-W-011116 Grab Water

San Ramon CA 94583-0904

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 EW-2

FBEW2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (waters)	n.a.	2,300.	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	3.2	0.50	ug/l	1
00777	Toluene	108-88-3	0.58	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	13.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	6.3	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	4,100.	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.						
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	5,300.	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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/23/2001 16:17	Melissa-Ann S. McAlpine	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/23/2001 15:08	Melissa-Ann S. McAlpine	25

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





Lancaster Laboratories Sample No. **WW 3731324**

Collected: 11/16/2001 13:35 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Reported: 12/03/2001 at 21:26

Discard: 01/03/2002

EW-2-W-011116 Grab Water

Chevron Products Company
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San Ramon CA 94583-0904

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 EW-2

FBEW2

08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/23/2001 16:17	Melissa-Ann S. McAlpine	1
01595	Oxygenates by 8260B	SW-846 8260B	1	11/28/2001 15:13	Marla S. Lord	50
01146	GC VOA Water Prep	SW-846 5030B	1	11/23/2001 15:08	Melissa-Ann S. McAlpine	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/28/2001 15:13	Marla S. Lord	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 3731325**

Collected: 11/16/2001 14:10 by **TC** Account Number: 10905

Submitted: 11/20/2001 09:15
 Reported: 12/03/2001 at 21:26
 Discard: 01/03/2002
 EW-3-W-011116 Grab Water

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

Facility# 98139 Job# 386461 GRD
 16304 Foothill-San Leandr T0600100303 EW-3

FBEW3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO N. California (waters)	n.a.	8,800.	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.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	110.	0.50	ug/l	1
00777	Toluene	108-88-3	20.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	530.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	840.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	99.	2.5	ug/l	1
	Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.					
01595	Oxygenates by 8260B					
02010	Methyl t-butyl ether	1634-04-4	99.	5.0	ug/l	10

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 N. California (waters)	N. CALIF. LUFT Gasoline Method	1	11/27/2001 02:33	Melissa Mann	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/27/2001 02:33	Melissa Mann	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/27/2001 03:07	Melissa Mann	1
01595	Oxygenates by 8260B	SW-846 8260B	1	11/28/2001 15:38	Marla S. Lord	10
01146	GC VOA Water Prep	SW-846 5030B	1	11/27/2001 02:33	Melissa Mann	n.a.

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





Lancaster Laboratories Sample No. **WW 3731325**

Collected: 11/16/2001 14:10 by TC

Account Number: 10905

Submitted: 11/20/2001 09:15

Chevron Products Company

Reported: 12/03/2001 at 21:26

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Discard: 01/03/2002

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EW-3-W-011116

Grab

Water

San Ramon CA 94583-0904

Facility# 98139 Job# 386461 GRD
16304 Foothill-San Leandr T0600100303 EW-3

FBEW3

01163 GC/MS VOA Water Prep

SW-846 5030B

1

11/28/2001 15:38

Marla S. Lord

n.a.

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



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Quality Control Summary

Client Name: Chevron Products Company
 Reported: 12/03/01 at 09:26 PM

Group Number: 787245

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 01325A53	Sample number(s): 3731316-3731322,3731324							
Benzene	N.D.	0.5	ug/l	100	101	80-118	1	30
Toluene	N.D.	0.5	ug/l	100	97	82-119	3	30
Ethylbenzene	N.D.	0.5	ug/l	100	98	81-119	2	30
Total Xylenes	N.D.	1.5	ug/l	92	93	82-120	1	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	107	104	79-127	3	30
TPH-GRO N. California (waters)	N.D.	50.	ug/l	90	94	76-119	5	20
Batch number: 01330A53	Sample number(s): 3731323,3731325							
Benzene	N.D.	0.5	ug/l	95		80-118		
Toluene	N.D.	0.5	ug/l	94		82-119		
Ethylbenzene	N.D.	0.5	ug/l	96		81-119		
Total Xylenes	N.D.	1.5	ug/l	92		82-120		
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	100		79-127		
TPH-GRO N. California (waters)	N.D.	50.	ug/l	93		76-119		
Batch number: U013312AB	Sample number(s): 3731319-3731320							
Methyl t-butyl ether	N.D.	2.	ug/l	97		77-127		
Batch number: V013312AB	Sample number(s): 3731317-3731318,3731322-3731325							
Methyl t-butyl ether	N.D.	2.	ug/l	105		77-127		
Batch number: V013321AA	Sample number(s): 3731321							
Methyl t-butyl ether	N.D.	2.	ug/l	102		77-127		

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	BKG	DUP	DUP	Dup RPD
	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD
Batch number: 01325A53	Sample number(s): 3731316-3731322,3731324							
Benzene	101		66-140					
Toluene	100		72-138					
Ethylbenzene	103		71-138					
Total Xylenes	101		69-140					
Methyl tert-Butyl Ether	99		60-145					
TPH-GRO N. California (waters)	98		74-132					
Batch number: 01330A53	Sample number(s): 3731323,3731325							
Benzene	100	103	66-140	3	30			
Toluene	101	102	72-138	1	30			
Ethylbenzene	103	104	71-138	0	30			
Total Xylenes	99	100	69-140	1	30			
Methyl tert-Butyl Ether	103	105	60-145	2	30			
TPH-GRO N. California (waters)	107	107	74-132	0	20			
Batch number: U013312AB	Sample number(s): 3731319-3731320							
Methyl t-butyl ether	94	98	69-134	5	30			

*- Outside of specification

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



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Quality Control Summary

Client Name: Chevron Products Company
 Reported: 12/03/01 at 09:26 PM

Group Number: 787245

Sample Matrix Quality Control

Analysis Name	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup
	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>
								<u>Max</u>
Batch number: V013312AB	Sample number(s): 3731317-3731318, 3731322-3731325							
Methyl t-butyl ether	107	115	69-134	6	30			
Batch number: V013321AA	Sample number(s): 3731321							
Methyl t-butyl ether	106	109	69-134	2	30			

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
 Batch number: 01325A53

	Trifluorotoluene-F	Trifluorotoluene-P
3731316	100	99
3731317	104	91
3731318	104	96
3731319	106	100
3731320	99	94
3731321	106	96
3731322	99	93
3731324	112	98
Blank	93	96
LCS	102	95
LCSD	104	97
MS	110	96
Limits:	65-137	72-134

Analysis Name: TPH-GRO - Waters
 Batch number: 01330A53

	Trifluorotoluene-F	Trifluorotoluene-P
3731323	104	90
3731325	103	140*
Blank	103	94
LCS	104	94
MS	106	96
MSD	108	98
Limits:	65-137	72-134

Analysis Name: Oxygenates by 8260B
 Batch number: U013312AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3731319	89	91	99	92
3731320	88	89	97	92
Blank	90	93	96	92

*- 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: 12/03/01 at 09:26 PM

Group Number: 787245

Surrogate Quality Control

LCS	88	90	96	94
MS	89	92	97	94
MSD	89	93	96	94
Limits:	86-118	80-120	88-110	86-115

Analysis Name: Oxygenates by 8260B
 Batch number: V013312AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3731317	101	101	99	104
3731318	103	98	97	102
3731322	102	101	99	103
3731323	103	103	98	104
3731324	102	101	98	103
3731325	102	102	98	105
Blank	103	102	96	102
LCS	100	99	98	101
MS	101	101	98	102
MSD	99	100	101	105
Limits:	86-118	80-120	88-110	86-115

Analysis Name: Oxygenates by 8260B
 Batch number: V013321AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
3731321	102	100	100	103
Blank	103	102	96	102
LCS	102	100	100	103
MS	101	106	98	104
MSD	103	102	98	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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