



GETTLER-RYAN INC.

TRANSMITTAL

August 14, 2001

G-R #: 386365

ST# 656 ✓

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: **Former Chevron Service Station
9-2960
2416 Grove Way
Castro Valley, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	August 6, 2001	Groundwater Monitoring and Sampling Report Second Semi-Annual - Event of July 10, 2001

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **August 28, 2001**, at which time the final report will be distributed to the following:

- Mr. Amir Gholami, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Mr. Phil Conley, President Board of Trustees, First Presbyterian Church, 2490 Grove Way, Castro Valley, CA 94546
- Mr. Greg Gurs, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670

Enclosures

trans/9-2960-TB



GETTLER-RYAN INC.

August 6, 2001
G-R Job #386365

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

RE: Second Semi-Annual Event of July 10, 2001
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, 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 Groundwater Elevation 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

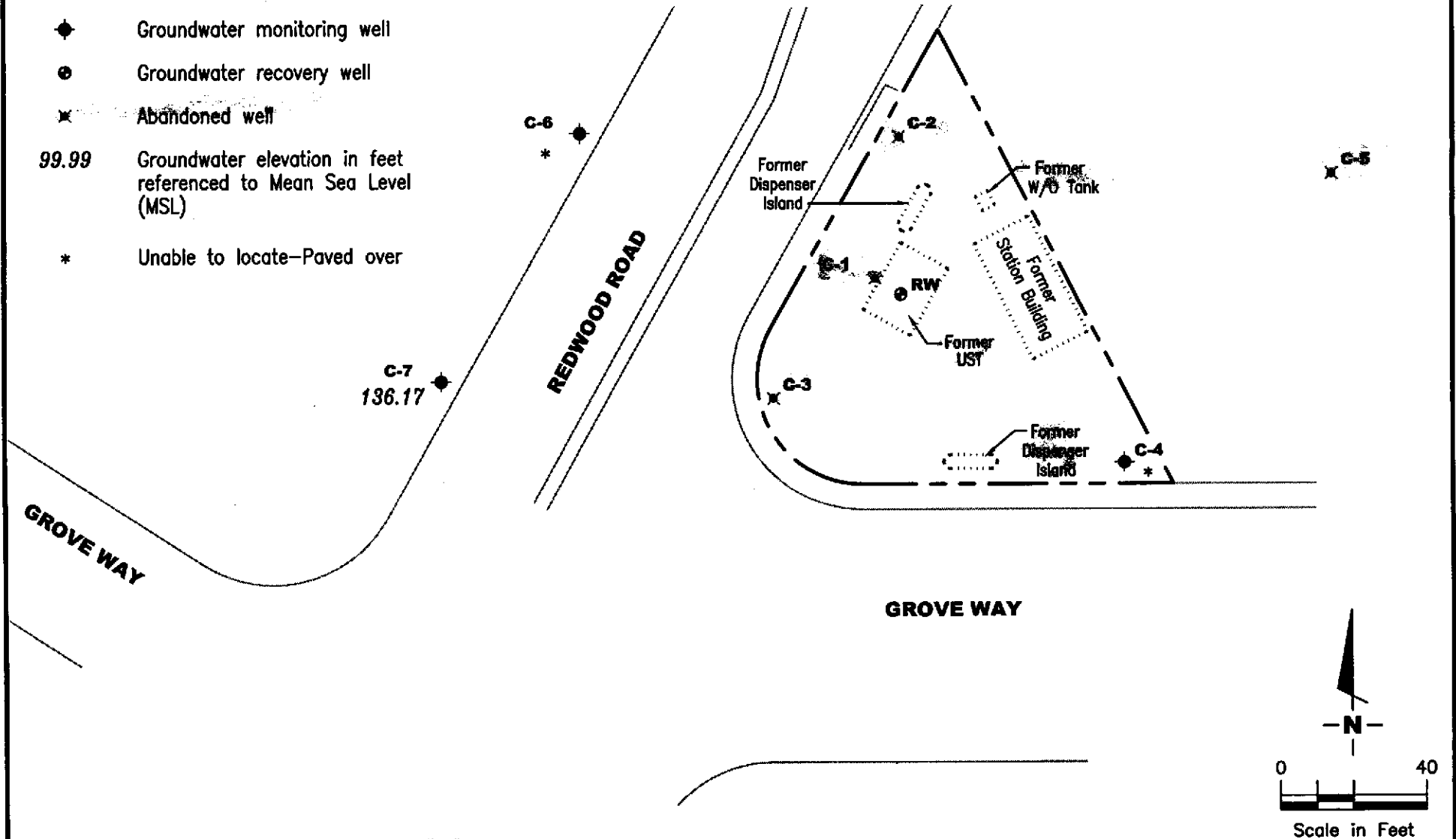
Hagop Kevork
P.E. No. C55734



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

EXPLANATION

- ◆ Groundwater monitoring well
- Groundwater recovery well
- ✕ Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
- * Unable to locate—Paved over



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

GROUNDWATER ELEVATION MAP
 Former Chevron Service Station #9-2960
 2416 Grove Way
 Castro Valley, California

FIGURE
1

PROJECT NUMBER
386365

REVIEWED BY

DATE
 July 10, 2001

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH			B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
C-1												
10/23/86	153.36	--	--	--	--	3,100	6,400	3,700	--	4,300	--	
09/10/87	153.36	--	--	--	--	120,000	25,000	60,000	13,000	56,000	--	
10/03/90	153.36	134.69	18.67	--	--	--	--	--	--	--	--	
10/25/90	153.36	135.22	18.71	0.71	--	--	--	--	--	--	--	
01/22/91	153.36	135.22	18.70	0.70	--	--	--	--	--	--	--	
02/21/91	153.36	135.44	18.62	0.88	--	--	--	--	--	--	--	
04/01/91	153.36	136.47	16.91	0.03	--	--	--	--	--	--	--	
04/11/91	153.36	136.49	16.90	0.04	--	--	--	--	--	--	--	
07/01/91	153.36	135.75	17.61	0.00	--	--	--	--	--	--	--	
09/24/91	153.36	135.17	18.98	0.99	--	--	--	--	--	--	--	
10/23/91	153.36	135.03	19.32	1.24	--	--	--	--	--	--	--	
11/22/91	153.36	134.53	18.83	0.97	--	--	--	--	--	--	--	
01/09/92	153.36	136.10	17.26	--	--	--	--	--	--	--	--	
03/06/92	153.36	137.16	16.69	0.61	--	--	--	--	--	--	--	
06/04/92	153.36	136.44	17.10	0.22	--	--	--	--	--	--	--	
09/28/92	153.36	--	18.71	0.77	--	--	--	--	--	--	--	
12/17/92	153.36	--	17.54	0.45	--	--	--	--	--	--	--	
04/29/93	153.36	137.50	16.40	0.68	--	--	--	--	--	--	--	
07/26/93	153.36	136.92	16.85	0.51	--	--	--	--	--	--	--	
10/22/93	153.36	135.55	17.83	0.03	--	--	--	--	--	--	--	
01/24/94	153.36	--	--	--	--	--	--	--	--	--	--	
04/11/94	153.36	136.01	17.76	0.51	--	--	--	--	--	--	--	
07/01/94	153.36	135.95	17.46	0.06	--	--	--	--	--	--	--	
10/06/94	153.36	135.24	18.18	0.08	--	--	--	--	--	--	--	
01/11/95	153.36	136.63	16.79	0.08	0.039	--	--	--	--	--	--	
04/07/95	153.36	139.23	14.13	--	--	44,000	410	100	130	5,400	--	
07/20/95	153.36	136.84	16.52	--	--	16,000	96	81	53	1,000	--	
09/22/95	153.36	137.22	16.14	--	--	59,000	150	36	16	56	--	
01/02/96	153.36	137.43	15.93	--	--	29,000	4,500	1,100	520	1,900	<250	
04/26/96	153.36	137.31	16.05	--	--	7,200	1,300	340	130	390	--	

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1 (cont)											
07/22/96	153.36	143.14	10.22	--	--	7,300	2,500	170	360	520	--
10/17/96	153.36	137.64	15.72	--	--	19,000	3,400	59	360	430	--
01/23/97	153.36	138.91	14.45	--	--	15,000	2,900	390	250	480	--
07/10/97	153.36	137.19	16.17	--	--	13,000	2,100	69	200	380	--
01/15/98	153.36	INACCESSIBLE		--	--	--	--	--	--	--	--
01/16/98	153.36	138.63	14.73	--	--	4,700	1,200	<20	140	40	--
07/09/98	153.36	138.14	15.22	--	--	9,900	1,500	60	150	170	--
ABANDONED											
C-2											
10/23/86	151.84	--	--	--	--	30,000	2,700	1,900	--	1,500	--
09/10/87	151.84	--	--	--	--	14,000	2,600	2,900	500	1,200	--
10/16/89	151.84	--	--	--	--	600	260	34	1.7	41	--
01/04/90	151.84	--	--	--	--	2,600	470	150	23	130	--
04/05/90	151.84	--	--	--	--	500	280	29	6.3	19	--
07/02/90	151.84	--	--	--	--	2,400	670	110	17	76	--
10/03/90	151.84	--	--	--	--	--	--	--	--	--	--
10/25/90	151.84	135.24	16.60	--	--	1,300	390	47	9.0	58	--
01/22/91	151.84	135.15	16.69	--	--	2,600	680	88	29	130	--
02/21/91	151.84	135.53	16.31	--	--	--	--	--	--	--	--
04/01/91	151.84	136.76	15.08	--	--	--	--	--	--	--	--
04/11/91	151.84	136.61	15.23	--	--	--	--	--	--	--	--
07/01/91	151.84	135.88	15.96	--	--	--	--	--	--	--	--
09/24/91	151.84	135.33	16.51	--	--	3,600	1,400	63	6.9	63	--
10/23/91	151.84	135.18	16.66	--	--	--	--	--	--	--	--
11/22/91	151.84	135.47	16.37	--	--	--	--	--	--	--	--
01/09/92	151.84	136.28	15.56	--	--	7,100	770	740	190	690	--
03/06/92	151.84	137.47	14.37	--	--	3,200	250	230	59	220	--
06/04/92	151.84	136.80	15.04	--	--	1,500	<0.5	180	42	130	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-2 (cont)											
09/28/92	151.84	135.44	16.40	--	--	6,400	940	230	57	220	--
12/17/92	151.84	136.46	15.38	--	--	1,500	370	160	6.0	25	--
04/29/93	151.84	136.87	14.97	--	--	1,800	690	120	74	140	--
07/29/93	151.84	136.92	14.92	--	--	4,300	1,500	96	29	96	--
10/22/93	151.84	136.03	15.81	--	--	820	560	57	15	58	--
01/24/94	151.84	--	--	--	--	--	--	--	--	--	--
04/11/94	151.84	136.49	15.35	--	--	2,000	240	48	36	110	--
07/01/94	151.84	136.44	15.40	--	--	370	55	12	3.1	8.6	--
10/06/94	151.84	135.84	16.00	--	--	150	47	4.8	1.8	5.4	--
01/11/95	151.84	137.06	14.78	--	--	52	0.65	<0.5	<0.5	<0.5	--
04/07/95	151.84	138.93	12.91	--	--	1,500	260	64	52	85	--
07/20/95	151.84	136.81	15.03	--	--	3,000	500	100	96	110	--
09/22/95	151.84	137.05	14.79	--	--	2,000	630	120	20	79	--
01/02/96	151.84	137.37	14.47	--	--	1,900	240	110	58	180	<12
04/26/96	151.84	137.97	13.87	--	--	1,300	340	190	44	120	--
07/22/96	151.84	136.73	15.11	--	--	3,700	1,100	140	150	330	--
10/17/96	151.84	136.80	15.04	--	--	22,000	3,900	1,600	350	1,800	--
01/23/97	151.84	138.86	12.98	--	--	2,000	260	48	76	94	--
07/10/97	151.84	137.21	14.63	--	--	5,100	710	200	190	380	--
01/15/98	153.36	INACCESSIBLE		--	--	--	--	--	--	--	--
01/16/98	151.84	138.61	13.23	--	--	7,600	1,600	130	320	650	--
07/09/98	151.84	138.17	13.67	--	--	10,000	1,100	410	180	410	--
ABANDONED											
C-3											
10/23/86	154.13	--	--	--	--	3,300	49	24	--	20	--
09/10/87	154.13	--	--	--	--	200	110	2.6	<2.0	<2.0	--
10/16/89	154.13	--	--	--	--	900	640	4.2	1.6	16	--
01/04/90	154.13	--	--	--	--	920	430	7.0	6.0	7.0	--

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Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3 (cont)											
04/05/90	154.13	--	--	--	--	930	690	3.4	5.1	4.8	--
07/02/90	154.13	--	--	--	--	1,700	590	11	4.8	9.4	--
10/03/90	154.13	134.97	19.16	--	--	--	--	--	--	--	--
10/25/90	154.13	134.85	19.28	--	--	750	510	2.0	6.0	5.0	--
01/22/91	154.13	134.95	19.18	--	--	430	260	2.0	2.0	5.0	--
01/22/91	154.13	134.95	19.18	--	--	400	250	2.0	2.0	5.0	--
02/21/91	154.13	135.25	18.88	--	--	--	--	--	--	--	--
04/01/91	154.13	136.54	17.59	--	--	--	--	--	--	--	--
04/11/91	154.13	136.32	17.81	--	--	--	--	--	--	--	--
07/01/91	154.13	135.57	18.56	--	--	--	--	--	--	--	--
09/24/91	154.13	135.01	19.12	--	--	260	52	0.7	0.8	2.2	--
10/23/91	154.13	134.89	19.24	--	--	--	--	--	--	--	--
11/22/91	154.13	135.10	19.03	--	--	--	--	--	--	--	--
01/09/92	154.13	135.90	18.23	--	--	240	120	0.9	<0.5	1.6	--
03/06/92	154.13	137.09	17.04	--	--	230	68	1.2	1.2	1.3	--
06/04/92	154.13	136.34	17.79	--	--	80	36	0.6	0.5	0.7	--
09/28/92	154.13	135.13	19.00	--	--	84	49	<0.5	<0.5	1.5	--
12/17/92	154.13	135.95	18.18	--	--	220	30	<0.5	<0.5	<0.5	--
04/29/93	154.13	135.35	18.78	--	--	380	12	0.6	<0.5	<1.5	--
07/26/93	154.13	136.41	17.72	--	--	800	38	1.1	<0.5	<1.5	--
10/22/93	154.13	135.63	18.50	--	--	200	64	0.6	<0.5	<1.5	--
01/24/94	154.13	135.62	18.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/94	154.13	136.09	18.04	--	--	100	3.6	2.1	<0.5	2.3	--
07/01/94	154.13	136.01	18.12	--	--	140	3.7	1.2	<0.5	1.0	--
10/06/94	154.13	135.50	18.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/95	154.13	137.01	17.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	154.13	138.34	15.79	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	154.13	136.37	17.76	--	--	<50	1.5	1.9	<0.5	3.5	--
09/22/95	154.13	136.58	17.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	154.13	136.88	17.25	--	--	<50	<0.5	<0.5	<0.5	1.1	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3 (cont)											
04/26/96	154.13	137.42	16.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	154.13	136.50	17.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	154.13	136.33	17.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	154.13	138.33	15.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/10/97	154.13	136.63	17.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/15/98	154.13	137.98	16.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/98	154.13	138.04	16.09	--	--	REGAUGE	--	--	--	--	--
07/09/98	154.13	137.57	16.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED											
C-4											
10/23/86	156.00	--	--	--	--	570	3.0	4.0	--	5.0	--
09/10/87	156.00	--	--	--	--	500	3.0	<0.5	<0.5	<0.5	--
10/16/89	156.00	--	--	--	--	<500	12	1.0	<0.5	0.8	--
01/04/90	156.00	--	--	--	--	<500	5.0	<0.5	<0.5	0.9	--
04/05/90	156.00	--	--	--	--	<50	6.6	<0.5	<0.5	0.7	--
07/02/90	156.00	--	--	--	--	71	4.1	<0.5	<0.5	<0.5	--
10/03/90	156.00	--	--	--	--	--	--	--	--	--	--
10/25/90	156.00	135.57	20.43	--	--	<50	2.0	<0.5	<0.5	<0.5	--
01/22/91	156.00	135.50	20.50	--	--	<50	3.0	<0.5	<0.5	<0.5	--
02/21/91	156.00	135.77	20.23	--	--	--	--	--	--	--	--
04/01/91	156.00	136.97	19.03	--	--	--	--	--	--	--	--
04/11/91	156.00	136.95	19.05	--	--	--	--	--	--	--	--
07/01/91	156.00	136.10	19.90	--	--	--	--	--	--	--	--
09/24/91	156.00	135.59	20.41	--	--	87	1.6	<0.5	<0.5	<0.5	--
10/23/91	156.00	135.47	20.53	--	--	--	--	--	--	--	--
11/22/91	156.00	135.65	20.35	--	--	--	--	--	--	--	--
01/09/92	156.00	136.46	19.54	--	--	51	4.3	<0.5	<0.5	<0.5	--
01/09/92	156.00	136.46	19.54	--	--	<50	4.8	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
C-4 (cont)												
03/06/92	156.00	137.74	18.26	--	--	<50	0.8	<0.5	<0.5	<0.5	--	
06/04/92	156.00	137.08	18.92	--	--	<50	<0.5	<0.5	<0.5	0.7	--	
09/28/92	156.00	135.69	20.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
12/17/92	156.00	136.43	19.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
04/29/93	156.00	138.22	17.78	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	
07/26/93	156.00	--	--	--	--	--	--	--	--	--	--	
08/18/93	156.00	137.09	18.91	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	
10/22/93	156.00	136.61	19.39	--	--	<50	2.9	2.1	1.1	4.3	--	
01/24/94	156.00	136.58	19.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
04/11/94	156.00	136.86	19.14	--	--	<50	<0.5	0.6	<0.5	0.5	--	
07/01/94	156.00	136.80	19.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
10/06/94	156.00	136.26	19.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
01/11/95	156.00	139.70	16.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
04/07/95	156.00	139.49	16.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
07/20/95	156.00	137.20	18.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
09/22/95	156.00	137.26	18.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
01/02/96	156.00	137.65	18.35	--	--	<50	1.6	1.8	0.95	4.1	<2.5	
04/26/96	156.00	138.43	17.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
07/22/96	156.00	137.00	19.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
10/17/96	156.00	136.96	19.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
01/23/97	156.00	139.31	16.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
07/10/97	156.00	137.46	18.54	--	--	SAMPLED ANNUALLY		--	--	--	--	
01/15/98	156.00	143.92	12.08	--	--	<50	1.0	1.4	<0.5	3.5	--	
01/16/98	156.00	138.84	17.16	--	--	REGAUGE		--	--	--	--	
07/09/98	156.00	138.29	17.71	--	--	--	--	--	--	--	--	
01/08/99	156.00	139.19	16.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
07/09/99	156.00	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	
02/01/00	156.00	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
C-4 (cont)											
08/21/00	156.00	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
01/25/01	156.00	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
07/10/01	156.00	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
C-5											
10/03/90	153.38	135.60	17.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/90	153.38	135.46	17.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/09/90	153.38	135.46	17.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/91	153.38	135.58	17.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/21/91	153.38	135.87	17.51	--	--	--	--	--	--	--	--
04/01/91	153.38	137.07	16.31	--	--	--	--	--	--	--	--
04/11/91	153.38	137.02	16.36	--	--	--	--	--	--	--	--
07/01/91	153.38	136.26	17.12	--	--	--	--	--	--	--	--
09/24/91	153.38	135.68	17.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/24/91	153.38	135.68	17.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/23/91	153.38	135.56	17.82	--	--	--	--	--	--	--	--
11/22/91	153.38	135.77	17.61	--	--	--	--	--	--	--	--
01/09/92	153.38	136.34	17.04	--	--	<50	<0.5	0.7	<0.5	<0.5	--
03/06/92	153.38	137.62	15.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	153.38	136.98	16.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/92	153.38	135.80	17.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/92	153.38	136.56	16.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/29/93	153.38	138.14	15.24	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/26/93	153.38	137.08	16.30	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/93	153.38	136.30	17.08	--	--	52	2.3	2.7	1.1	5.2	--
01/24/94	153.38	136.25	17.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/94	153.38	136.75	16.63	--	--	<50	<0.5	0.7	<0.5	0.6	--
07/01/94	153.38	136.73	16.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/06/94	153.38	136.16	17.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-5 (cont)											
01/11/95	153.38	137.41	15.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	153.38	139.37	14.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	153.38	137.17	16.21	--	--	<50	<0.5	<0.5	<0.5	0.61	--
09/22/95	153.38	137.07	16.31	--	--	62	<0.5	<0.5	<0.5	<0.5	--
01/02/96	153.38	137.56	15.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/26/96	153.38	138.41	14.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	153.38	137.06	16.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	153.38	136.88	16.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	153.38	139.18	14.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED											
C-6											
10/03/90	152.84	134.70	18.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/90	152.84	134.55	18.29	--	--	<50	<0.5	1.0	<0.5	<0.5	--
11/09/90	152.84	134.58	18.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/91	152.84	134.69	18.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/21/91	152.84	134.92	17.92	--	--	--	--	--	--	--	--
04/01/91	152.84	135.73	17.11	--	--	--	--	--	--	--	--
04/11/91	152.84	135.83	17.01	--	--	--	--	--	--	--	--
07/01/91	152.84	135.12	17.72	--	--	--	--	--	--	--	--
09/24/91	152.84	135.72	17.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/23/91	152.84	134.59	18.25	--	--	--	--	--	--	--	--
11/22/91	152.84	134.79	18.05	--	--	--	--	--	--	--	--
01/09/92	152.84	135.42	17.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/06/92	152.84	136.33	16.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	152.84	135.83	17.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/92	152.84	134.84	18.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/92	152.84	135.58	17.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/29/93	152.84	136.61	16.23	--	--	<50	<0.5	<0.5	<0.5	<1.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-6 (cont)											
07/29/93	152.84	135.88	16.96	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/93	152.84	135.38	17.46	--	--	74	7.4	6.1	3.3	9.7	--
01/24/94	152.84	135.38	17.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/94	152.84	135.64	17.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	152.84	135.66	17.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/06/94	152.84	135.19	17.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/95	152.84	136.18	16.66	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	152.84	137.25	15.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	152.84	135.80	17.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/95	152.84	135.74	17.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	152.84	136.08	16.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/26/96	152.84	136.64	16.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	152.84	135.79	17.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	152.84	135.62	17.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	152.84	136.99	15.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/10/97	152.84	135.95	16.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/15/98	152.84	136.64	16.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/98	152.84	136.74	16.10	--	--	REGAUGE	--	--	--	--	--
07/09/98	152.84	136.71	16.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/99	152.84	137.57	15.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/09/99	152.84	136.60	16.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
02/01/00	152.84	136.57	16.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/21/00	152.84	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
01/25/01	152.84	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
07/10/01	152.84	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
C-7											
10/03/90	155.34	134.52	20.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/90	155.34	134.43	20.91	--	--	<50	<0.5	1.0	<0.5	<0.5	--

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Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DIW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-7 (cont)											
11/09/90	155.34	134.40	20.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/91	155.34	133.84	21.50	--	--	<50	4.0	<0.5	<0.5	<0.5	--
02/21/91	155.34	134.63	20.71	--	--	--	--	--	--	--	--
04/01/91	155.34	135.34	20.00	--	--	--	--	--	--	--	--
04/11/91	155.34	135.29	20.05	--	--	--	--	--	--	--	--
07/01/91	155.34	134.82	20.52	--	--	--	--	--	--	--	--
09/24/91	155.34	134.52	20.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/23/91	155.34	134.43	20.91	--	--	--	--	--	--	--	--
11/22/91	155.34	134.55	20.79	--	--	--	--	--	--	--	--
01/09/92	155.34	135.18	20.16	--	--	<50	<0.5	<0.5	<0.5	0.9	--
03/06/92	155.34	135.92	19.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	155.34	135.53	19.81	--	--	250	<0.5	<0.5	<0.5	<0.5	--
09/28/92	155.34	134.69	20.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/92	155.34	135.32	20.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/29/93	155.34	136.19	19.15	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/26/93	155.34	135.57	19.77	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/93	155.34	135.17	20.17	--	--	--	--	--	--	--	--
01/24/94	155.34	135.11	20.23	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/94	155.34	135.39	19.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	155.34	135.42	19.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/06/94	155.34	135.03	20.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/95	155.34	135.98	19.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	155.34	136.84	18.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	155.34	135.46	19.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/95	155.34	135.38	19.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	155.34	135.64	19.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/26/96	155.34	136.17	19.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	155.34	135.49	19.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	155.34	135.34	20.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	155.34	136.44	18.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)							
C-7 (cont)												
07/10/97	155.34	135.58	19.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/15/98	155.34	136.02	19.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/16/98	155.34	136.14	19.20	--	--	REGAUGE	--	--	--	--	--	--
07/09/98	155.34	136.02	19.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/08/99	155.34	136.83	18.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/09/99	155.34	136.16	19.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
02/01/00	155.34	136.21	19.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
08/21/00	155.34	136.16	19.18	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
01/25/01	155.34	136.09	19.25	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	<2.50
07/10/01	155.34	136.17	19.17	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0¹
TRIP BLANK												
10/03/90	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/25/90	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/09/90	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/22/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/24/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/09/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/06/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/04/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/28/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/17/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
04/29/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
07/26/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
10/22/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<1.5	--
01/24/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
04/11/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/01/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
10/06/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TRIP BLANK (cont)											
01/11/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/26/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/10/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/15/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/09/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/01/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/21/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
01/25/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
07/10/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 21, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet

GWE = Groundwater Elevation
(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbons Thickness

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

¹ MTBE by EPA Method 8260.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
 Former Chevron Service Station #9-2960
 2416 Grove Way
 Castro Valley, California

WELL ID	DATE	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
C-7	07/10/01	<20	<2.0	<2.0	<2.0	<2.0

EXPLANATIONS:

TBA = Tertiary butyl alcohol
 MTBE = Methyl tertiary butyl ether
 DIPE = Di-isopropyl ether
 ETBE = Ethyl tertiary butyl ether
 TAME = Tertiary amyl methyl ether
 (ppb) = Parts per billion

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, 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 # 9-2960
 Address: 2416 GROVE WAY
 City: CASTRO VALLEY, CA

Job #: 386365
 Date: 7-10-01
 Sampler: FB

Well ID C-7
 Well Diameter 2" in.
 Total Depth 29.90 ft.
 Depth to Water 19.17 ft.

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

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

10.73 x VF 1.7 = 1.82 x 3 (case volume) = Estimated Purge Volume: 5.5 (gal.)

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

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

Starting Time: 12:17
 Sampling Time: 12:37
 Purging Flow Rate: _____ gpm.
 Did well de-water? NO

Weather Conditions: SUNNY
 Water Color: CLOUDY 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>12:21</u>	<u>2</u>	<u>7.68</u>	<u>1042</u>	<u>77.6</u>			
<u>12:25</u>	<u>4</u>	<u>7.60</u>	<u>987</u>	<u>77.7</u>			
<u>12:28</u>	<u>5.5</u>	<u>7.62</u>	<u>900</u>	<u>77.4</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>5X VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(G)/bTEX/mtbe (5/01/01)</u>

COMMENTS: WELL HAS Cement Lid



**Sequoia
Analytical**

RECEIVED

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

JUL 25 2001

GETTLER-RYAN INC.
GENERAL CONTRACTORS

25 July, 2001

Deanna L. Harding
Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin, CA 94568

RE: Chevron
Sequoia Report: W107150

Enclosed are the results of analyses for samples received by the laboratory on 10-Jul-01 17:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater
Project Manager

CA ELAP Certificate #1271





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-2960
Project Manager: Deanna L. Harding

Reported:
25-Jul-01 11:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W107150-01	Water	10-Jul-01 00:00	10-Jul-01 17:30
C-7	W107150-02	Water	10-Jul-01 12:37	10-Jul-01 17:30





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-2960
Project Manager: Deanna L. Harding

Reported:
25-Jul-01 11:26

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TB-LB (W107150-01) Water Sampled: 10-Jul-01 00:00 Received: 10-Jul-01 17:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G13001	18-Jul-01	18-Jul-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99.7 %	70-130		"	"	"	"	
C-7 (W107150-02) Water Sampled: 10-Jul-01 12:37 Received: 10-Jul-01 17:30									
Purgeable Hydrocarbons	ND	50	ug/l	1	1G13001	18-Jul-01	18-Jul-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.0 %	70-130		"	"	"	"	





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-2960
Project Manager: Deanna L. Harding

Reported:
25-Jul-01 11:26

Volatile Organic Compounds by EPA Method 8260B
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
C-7 (W107150-02) Water Sampled: 10-Jul-01 12:37 Received: 10-Jul-01 17:30									
tert-Butyl alcohol	ND	20	ug/l	1	1G20011	20-Jul-01	20-Jul-01	EPA 8260B	
Methyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
Di-isopropyl ether	ND	2.0	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	2.0	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	2.0	"	"	"	"	"	"	
<i>Surrogate: Dibromofluoromethane</i>		94.0 %		50-150	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		90.0 %		50-150	"	"	"	"	



Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-2960
Project Manager: Deanna L. Harding

Reported:
25-Jul-01 11:26

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G13001 - EPA 5030B P/T										
Blank (1G13001-BLK1) Prepared & Analyzed: 13-Jul-01										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	29.5		"	30.0		98.3	70-130			
Blank (1G13001-BLK2) Prepared & Analyzed: 16-Jul-01										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	33.4		"	30.0		111	70-130			
Blank (1G13001-BLK3) Prepared & Analyzed: 17-Jul-01										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.2		"	30.0		101	70-130			
Blank (1G13001-BLK4) Prepared & Analyzed: 18-Jul-01										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	25.2		"	30.0		84.0	70-130			



Gettler Ryan, Inc. - Dublin
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Project: Chevron
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Reported:
25-Jul-01 11:26

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G13001 - EPA 5030B P/T										
Prepared & Analyzed: 19-Jul-01										
Blank (1G13001-BLK5)										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	24.0		"	30.0		80.0	70-130			
Prepared & Analyzed: 13-Jul-01										
LCS (1G13001-BS1)										
Benzene	21.5	0.50	ug/l	20.0		108	70-130			
Toluene	20.7	0.50	"	20.0		104	70-130			
Ethylbenzene	21.2	0.50	"	20.0		106	70-130			
Xylenes (total)	59.6	0.50	"	60.0		99.3	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	29.2		"	30.0		97.3	70-130			
Prepared & Analyzed: 16-Jul-01										
LCS (1G13001-BS2)										
Benzene	22.7	0.50	ug/l	20.0		114	70-130			
Toluene	21.5	0.50	"	20.0		108	70-130			
Ethylbenzene	22.5	0.50	"	20.0		112	70-130			
Xylenes (total)	63.6	0.50	"	60.0		106	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.5		"	30.0		102	70-130			
Prepared & Analyzed: 17-Jul-01										
LCS (1G13001-BS3)										
Benzene	21.5	0.50	ug/l	20.0		108	70-130			
Toluene	20.8	0.50	"	20.0		104	70-130			
Ethylbenzene	21.2	0.50	"	20.0		106	70-130			
Xylenes (total)	59.5	0.50	"	60.0		99.2	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	27.2		"	30.0		90.7	70-130			



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Reported:
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Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G13001 - EPA 5030B P/T										
LCS (1G13001-BS4) Prepared & Analyzed: 18-Jul-01										
Benzene	19.5	0.50	ug/l	20.0		97.5	70-130			
Toluene	19.0	0.50	"	20.0		95.0	70-130			
Ethylbenzene	19.3	0.50	"	20.0		96.5	70-130			
Xylenes (total)	54.5	0.50	"	60.0		90.8	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	28.2		"	30.0		94.0	70-130			
LCS (1G13001-BS5) Prepared & Analyzed: 19-Jul-01										
Benzene	19.6	0.50	ug/l	20.0		98.0	70-130			
Toluene	18.9	0.50	"	20.0		94.5	70-130			
Ethylbenzene	19.4	0.50	"	20.0		97.0	70-130			
Xylenes (total)	55.2	0.50	"	60.0		92.0	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	25.2		"	30.0		84.0	70-130			
Matrix Spike (1G13001-MS1) Source: W107222-03 Prepared: 13-Jul-01 Analyzed: 17-Jul-01										
Benzene	19.6	0.50	ug/l	20.0	ND	98.0	70-130			
Toluene	19.5	0.50	"	20.0	ND	97.5	70-130			
Ethylbenzene	19.7	0.50	"	20.0	ND	98.5	70-130			
Xylenes (total)	55.2	0.50	"	60.0	ND	92.0	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	27.7		"	30.0		92.3	70-130			
Matrix Spike Dup (1G13001-MSD1) Source: W107222-03 Prepared: 13-Jul-01 Analyzed: 17-Jul-01										
Benzene	22.3	0.50	ug/l	20.0	ND	112	70-130	12.9	20	
Toluene	21.2	0.50	"	20.0	ND	106	70-130	8.35	20	
Ethylbenzene	22.2	0.50	"	20.0	ND	111	70-130	11.9	20	
Xylenes (total)	62.9	0.50	"	60.0	ND	105	70-130	13.0	20	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	29.5		"	30.0		98.3	70-130			





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-2960
Project Manager: Deanna L. Harding

Reported:
25-Jul-01 11:26

Volatile Organic Compounds by EPA Method 8260B - Quality Control Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G20011 - EPA 5030B (P/T)										
Prepared & Analyzed: 20-Jul-01										
Blank (1G20011-BLK1)										
tert-Butyl alcohol	ND	20	ug/l							
Methyl tert-butyl ether	ND	2.0	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
tert-Amyl methyl ether	ND	2.0	"							
Surrogate: Dibromofluoromethane	47.0		"	50.0		94.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	46.0		"	50.0		92.0	50-150			
Prepared & Analyzed: 24-Jul-01										
Blank (1G20011-BLK2)										
tert-Butyl alcohol	ND	20	ug/l							
Methyl tert-butyl ether	ND	2.0	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
tert-Amyl methyl ether	ND	2.0	"							
Surrogate: Dibromofluoromethane	47.0		"	50.0		94.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	45.0		"	50.0		90.0	50-150			
Prepared & Analyzed: 25-Jul-01										
Blank (1G20011-BLK3)										
tert-Butyl alcohol	ND	20	ug/l							
Methyl tert-butyl ether	ND	2.0	"							
Di-isopropyl ether	ND	2.0	"							
Ethyl tert-butyl ether	ND	2.0	"							
tert-Amyl methyl ether	ND	2.0	"							
Surrogate: Dibromofluoromethane	45.0		"	50.0		90.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	45.0		"	50.0		90.0	50-150			
Prepared & Analyzed: 20-Jul-01										
LCS (1G20011-BS1)										
Methyl tert-butyl ether	49.2	2.0	ug/l	50.0		98.4	70-130			
Surrogate: Dibromofluoromethane	45.0		"	50.0		90.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	48.0		"	50.0		96.0	50-150			



Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-2960
Project Manager: Deanna L. Harding

Reported:
25-Jul-01 11:26

**Volatile Organic Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1G20011 - EPA 5030B (P/T)										
LCS (1G20011-BS2)										
Prepared & Analyzed: 24-Jul-01										
Methyl tert-butyl ether	50.1	2.0	ug/l	50.0		100	70-130			
Surrogate: Dibromofluoromethane	54.0		"	50.0		108	50-150			
Surrogate: 1,2-Dichloroethane-d4	52.0		"	50.0		104	50-150			
LCS (1G20011-BS3)										
Prepared & Analyzed: 25-Jul-01										
Methyl tert-butyl ether	63.7	2.0	ug/l	50.0		127	70-130			
Surrogate: Dibromofluoromethane	51.0		"	50.0		102	50-150			
Surrogate: 1,2-Dichloroethane-d4	50.0		"	50.0		100	50-150			
Matrix Spike (1G20011-MS1)										
Source: W107223-04 Prepared & Analyzed: 24-Jul-01										
Methyl tert-butyl ether	47.9	2.0	ug/l	50.0	ND	95.8	60-150			
Surrogate: Dibromofluoromethane	49.0		"	50.0		98.0	50-150			
Surrogate: 1,2-Dichloroethane-d4	47.0		"	50.0		94.0	50-150			





Gettler Ryan, Inc. - Dublin
6747 Sierra Court Suite J
Dublin CA, 94568

Project: Chevron
Project Number: Chevron # 9-2960
Project Manager: Deanna L. Harding

Reported:
25-Jul-01 11:26

Notes and Definitions

- CC-3 Continuing Calibration indicates that the quantitative result for this analyte includes a greater than 15% degree of uncertainty. The value as reported is within method acceptance.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

AUG 31 2001