



GETTLER-RYAN INC.

TRANSMITTAL

sim bby ✓

APR 08 2002

March 20, 2002
G-R #386509

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
#9-4930
3369 Castro Valley Boulevard
Castro Valley, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 18, 2002	Groundwater Monitoring and Sampling Report First Quarter - Event of February 5, 2002

COMMENTS:

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

- cc: Mr. Amir Gholami, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502
- Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
- Mr. Chuck Headlee, RWQCB - San Francisco Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
- Ms. Anna Counselis and Tula Gallanes, 109 Casa Vieja, Orinda, CA 94563

Enclosures



GETTLER-RYAN INC.

March 18, 2002
G-R Job #386509

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

RE: **First Quarter Event of February 5, 2002**
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

APR 08 2002

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).

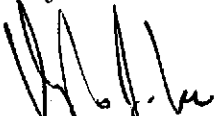
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

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.

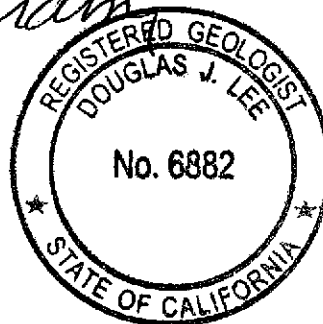
Please call if you have any questions or comments regarding this report. Thank you.

Sincerely,

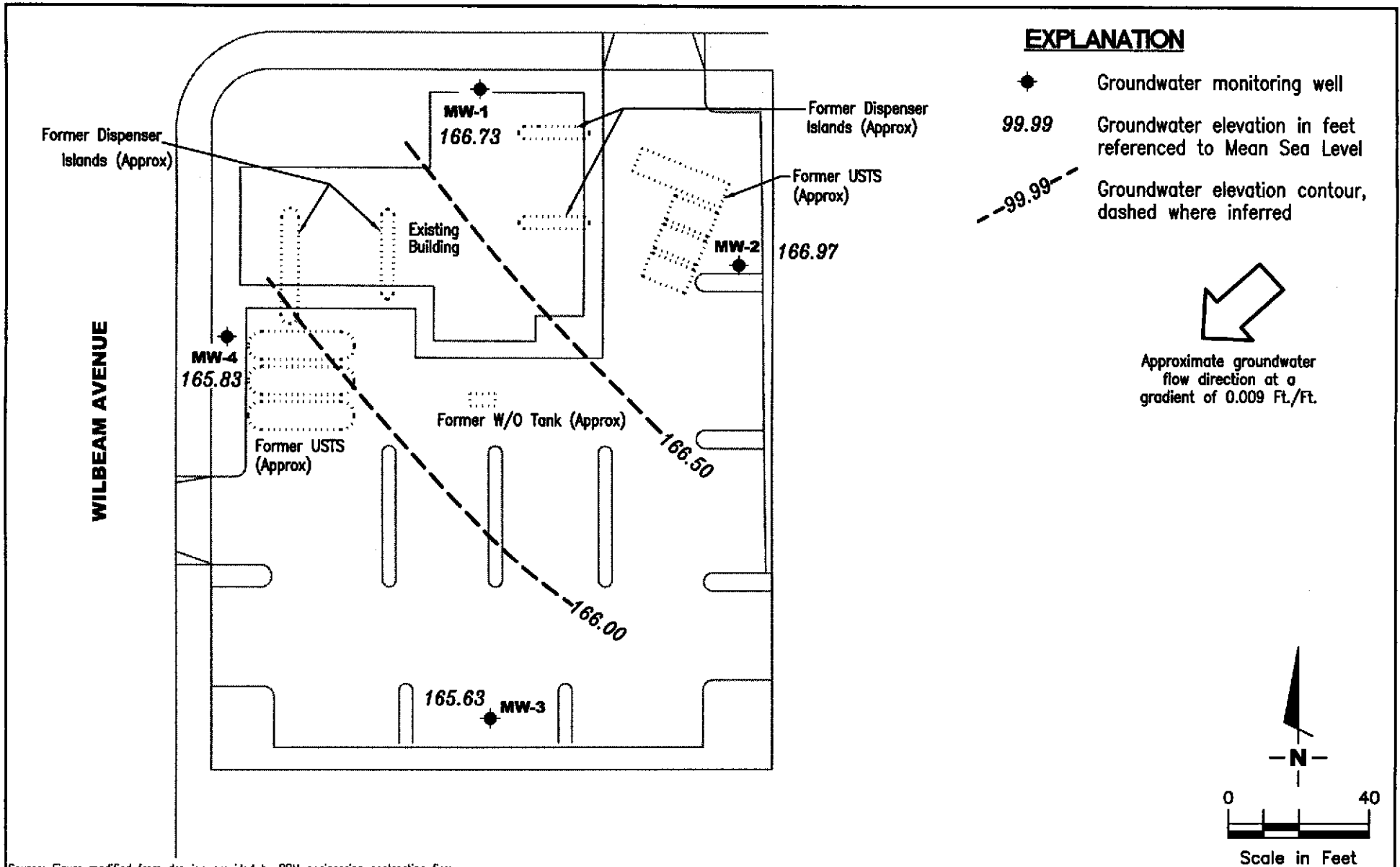

Deanna L. Harding
Project Coordinator


Douglas J. Lee

Senior Geologist, R.G. No. 6882



- Figure 1: Potentiometric 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



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
 Former Chevron Station #9-4930
 3369 Castro Valley Boulevard
 Castro Valley, California

FIGURE

1

PROJECT NUMBER
 386509

REVIEWED BY

DATE
 February 5, 2002

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCE (ppb)	TCE (ppb)	DCFM (ppb)	PCE (ppb)
MW-1													
10/29/93	172.90	166.15	6.75	1,000	11	17	32	110	--	--	--	--	--
02/25/94	172.90	166.80	6.10	250	6.0	1.0	5.0	3.0	--	--	--	--	--
04/04/94	172.90	166.14	6.76	--	--	--	--	--	--	--	--	--	--
04/29/94	172.90	166.35	6.55	--	--	--	--	--	--	--	--	--	--
06/13/94	172.90	166.12	6.78	670	35	3.5	43	3.9	--	0.8	16	14	47
06/30/94	172.90	166.06	6.84	--	--	--	--	--	--	--	--	--	--
07/28/94	172.90	166.03	6.87	--	--	--	--	--	--	--	--	--	--
08/31/94	172.90	166.00	6.90	560	43	9.5	25	5.0	--	1.3	19	13	65
11/11/94	172.90	167.00	5.90	460	53	4.0	50	3.4	--	--	--	--	--
02/01/95	172.90	166.88	6.02	240	25	0.6	4.0	<0.5	--	--	--	--	--
05/18/95	172.90	166.82	6.08	580	42	1.0	53	2.6	--	--	--	--	--
08/22/95	172.90	166.52	6.38	840	73	1.2	110	1.6	--	--	--	--	--
11/01/95	172.90	166.40	6.50	350	36	<0.5	30	<0.5	15	--	--	--	--
01/26/96	172.90	166.85	6.05	210	23	<0.5	12	<0.5	4.7	--	--	--	--
05/08/96	172.90	166.50	6.40	310	42	2.3	56	1.1	52	--	--	--	--
10/03/96	173.53	166.61	6.92	240	31	<0.5	1.7	<0.5	18	--	--	--	--
02/04/97	173.53	167.02	6.51	200	9.9	<0.5	3.7	<0.5	16	--	--	--	--
04/30/97	173.53	166.64	6.89	260	11	<0.5	17	<0.5	13	--	--	--	--
07/22/97	173.53	166.49	7.04	170	5.0	<0.5	<0.5	<0.5	<2.5	--	--	--	--
11/03/97	173.53	166.55	6.98	230	13	<0.5	7.8	0.68	-- ¹	--	--	--	--
02/11/98	173.53	167.52	6.01	110	3.1	0.63	<0.5	<0.5	<2.5	--	--	--	--
05/08/98	173.53	166.72	6.81	170	4.2	1.8	2.1	<0.5	<2.5	--	--	--	--
08/07/98	173.53	167.01	6.52	110	5.2	<0.5	6.7	<0.5	13	--	--	--	--
11/05/98	173.53	166.58	6.95	160	1.8	<0.5	<0.5	0.53	<2.5	--	--	--	--
03/02/99	173.53	166.97	6.56	119	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
05/17/99	173.53	166.89	6.64	153	3.17	<0.5	0.791	<0.5	<5.0	--	--	--	--
08/24/99	173.53	166.40	7.13	96.2	1.38	<0.5	<0.5	<0.5	14.7	--	--	--	--
11/19/99	173.53	166.92	6.61	209	13.1	1.68	12.3	<0.5	3.79	--	--	--	--
02/03/00	173.53	168.30	5.23	95	1.4	<0.5	<0.5	<0.5	15	--	--	--	--
05/03/00	173.53	166.52	7.01	120 ²	0.92	<0.50	<0.50	<0.50	12	--	--	--	--
07/28/00	173.53	166.45	7.08	100 ²	<0.50	<0.50	<0.50	<0.50	21	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>mst</i>)	DTW (<i>ft.</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)	1,2-DCE (<i>ppb</i>)	TCE (<i>ppb</i>)	DCFM (<i>ppb</i>)	PCE (<i>ppb</i>)
MW-1 (cont)													
11/13/00	173.53	169.41	4.12	73.0 ³	1.14	<0.500	<0.500	<0.500	27.0	--	--	--	--
02/15/01	173.53	166.86	6.67	148 ⁴	2.34	<0.500	<0.500	<0.500	<2.50	--	--	--	--
05/31/01	173.53	166.48	7.05	97 ²	1.5	<0.50	<0.50	<0.50	3.0/2.1 ⁵	--	--	--	--
08/30/01 ⁶	173.53	166.21	7.32	410	4.8	<0.50	1.4	<0.50	--/ <5.0 ⁵	--	--	--	--
11/29/01	173.53	166.78	6.75	180	5.7	<0.50	2.3	<1.5	<2.5	--	--	--	--
02/05/02	173.53	166.73	6.80	120	1.9	<0.50	<0.50	<1.5	<2.5	--	--	--	--
MW-2													
10/29/93	173.91	166.05	7.86	5,600	140	3.2	17	330	--	--	--	--	--
02/25/94	173.91	166.96	6.95	820	41	<0.5	17	5.0	--	--	--	--	--
04/04/94	173.91	166.18	7.73	--	--	--	--	--	--	--	--	--	--
04/29/94	173.91	166.23	7.68	--	--	--	--	--	--	--	--	--	--
06/13/94	173.91	166.20	7.71	1,100	160	0.8	64	2.0	--	<0.5	0.9	<0.5	2.0
06/30/94	173.91	165.87	8.04	--	--	--	--	--	--	--	--	--	--
07/28/94	173.91	165.99	7.92	--	--	--	--	--	--	--	--	--	--
08/31/94	173.91	165.98	7.93	190	7.1	4.1	3.1	1.2	--	<0.5	1.1	<0.5	4.5
11/11/94	173.91	167.08	6.83	440	120	<1.0	18	<1.0	--	--	--	--	--
02/01/95	173.91	167.77	6.14	240	81	<1.0	<1.0	<1.0	--	--	--	--	--
05/18/95	173.91	166.91	7.00	330	74	<0.5	26	1.3	--	--	--	--	--
08/22/95	173.91	166.58	7.33	390	84	<1.0	2.1	<1.0	--	--	--	--	--
11/01/95	173.91	166.54	7.37	190	46	<0.5	1.6	<0.5	<2.5	--	--	--	--
01/26/96	173.91	168.13	5.78	<50	13	<0.5	<0.5	<0.5	<2.5	--	--	--	--
05/08/96	173.91	166.76	7.15	<50	4.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
10/03/96	172.67	166.66	6.01	63	4.3	<0.5	<0.5	<0.5	<2.5	--	--	--	--
02/04/97	172.67	167.40	5.27	<50	1.6	<0.5	<0.5	<0.5	<2.5	--	--	--	--
04/30/97	172.67	166.74	5.93	<50	5.4	<0.5	0.8	<0.5	<2.5	--	--	--	--
07/22/97	172.67	166.53	6.14	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
11/03/97	172.67	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
02/11/98	172.67	167.95	4.72	<50	0.52	0.63	<0.5	<0.5	<2.5	--	--	--	--
05/08/98	172.67	167.07	5.60	<50	1.1	1.2	<0.5	<0.5	<2.5	--	--	--	--

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Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCE (ppb)	TCE (ppb)	DCFM (ppb)	PCE (ppb)
MW-2 (cont)													
08/07/98	172.67	166.33	6.34	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
11/05/98	172.67	166.59	6.08	120	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/02/99	172.67	167.41	5.26	67	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
05/17/99	172.67	167.71	4.96	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
08/24/99	172.67	165.33	7.34	<50	1.18	<0.5	<0.5	<0.5	<2.5	--	--	--	--
11/19/99	172.67	166.84	5.83	<50	4.29	0.907	<0.5	<0.5	<2.5	--	--	--	--
02/03/00	172.67	167.24	5.43	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
05/03/00	172.67	166.81	5.86	100 ²	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
07/28/00	172.67	166.76	5.91	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
11/13/00	172.67	166.69	5.98	82.8 ³	0.825	<0.500	<0.500	<0.500	25.0	--	--	--	--
02/15/01	172.67	167.25	5.42	161 ⁴	0.808	<0.500	<0.500	<0.500	30.3	--	--	--	--
05/31/01	172.67	166.91	5.76	120 ²	3.0	<0.50	<0.50	<0.50	29/26 ⁵	--	--	--	--
08/30/01 ⁶	172.67	166.55	6.12	450	2.2	<0.50	<0.50	<0.50	--/27 ⁵	--	--	--	--
11/29/01	172.67	167.29	5.38	250	1.3	<0.50	<0.50	<1.5	17	--	--	--	--
02/05/02	172.67	166.97	5.70	190	1.3	<0.50	<0.50	<1.5	7.5	--	--	--	--
MW-3													
10/29/93	172.60	164.96	7.64	110	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
02/25/94	172.60	166.22	6.38	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
04/04/94	172.60	165.21	7.39	--	--	--	--	--	--	--	--	--	--
04/29/94	172.60	165.62	6.98	--	--	--	--	--	--	--	--	--	--
06/13/94	172.60	165.15	7.45	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	2.0	<0.5	220
06/30/94	172.60	165.05	7.55	--	--	--	--	--	--	--	--	--	--
07/28/94	172.60	164.93	7.67	--	--	--	--	--	--	--	--	--	--
08/31/94	172.60	164.81	7.79	<50	<0.5	<0.5	<0.5	<0.5	--	<0.5	1.6	<0.5	320
11/11/94	172.60	165.73	6.87	SAMPLED SEMI-ANNUALLY				--	--	--	--	--	--
02/01/95	172.60	167.03	5.57	89	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
05/18/95	172.60	165.79	6.81	--	--	--	--	--	--	--	--	--	--
08/22/95	172.60	165.35	7.25	190	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
11/01/95	172.60	165.70	6.90	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>msl</i>)	DTW (<i>ft.</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)	1,2-DCE (<i>ppb</i>)	TCE (<i>ppb</i>)	DCFM (<i>ppb</i>)	PCE (<i>ppb</i>)
MW-3 (cont)													
01/26/96	172.60	167.35	5.25	160	<2.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
05/08/96	172.60	165.55	7.05	--	--	--	--	--	--	--	--	--	--
10/03/96	170.47	165.29	5.18	150	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
02/04/97	170.47	166.27	4.20	88	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
04/30/97	170.47	165.37	5.10	--	--	--	--	--	--	--	--	--	--
07/22/97	170.47	165.15	5.32	180	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
11/03/97	170.47	165.12	5.35	--	--	--	--	--	--	--	--	--	--
02/11/98	170.47	167.47	3.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
05/08/98	170.47	165.96	4.51	--	--	--	--	--	--	--	--	--	--
08/07/98	170.47	165.26	5.21	110	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
11/05/98	170.47	165.35	5.12	--	--	--	--	--	--	--	--	--	--
03/02/99	170.47	166.19	4.28	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
05/17/99	170.47	165.82	4.65	--	--	--	--	--	--	--	--	--	--
08/24/99	170.47	164.76	5.71	352	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
11/19/99	170.47	164.64	5.83	--	--	--	--	--	--	--	--	--	--
02/03/00	170.47	165.55	4.92	140	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
05/03/00	170.47	165.54	4.93	SAMPLED SEMI-ANNUALLY				--	--	--	--	--	--
07/28/00	170.47	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--	--
11/13/00	170.47	165.29	5.18	--	--	--	--	--	--	--	--	--	--
02/15/01	170.47	166.10	4.37	310 ⁴	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
05/31/01	170.47	165.62	4.85	230 ²	<1.0	<1.0	<1.0	<1.0	5.2/2.4 ⁵	--	--	--	--
08/30/01	170.47	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--	--
11/29/01	170.47	166.12	4.35	SAMPLED SEMI-ANNUALLY				--	--	--	--	--	--
02/05/02	170.47	165.63	4.84	360	<0.50	<0.50	<0.50	<1.5	2.8	--	--	--	--
MW-4													
10/29/93	170.68	165.18	5.50	640	6.7	3.3	0.6	6.7	--	--	--	--	--
02/25/94	170.68	165.86	4.82	450	20	0.8	12	6.0	--	--	--	--	--
04/04/94	170.68	165.23	5.45	--	--	--	--	--	--	--	--	--	--
04/29/94	170.68	165.45	5.23	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCE (ppb)	TCE (ppb)	DCFM (ppb)	PCE (ppb)	
MW-4 (cont)														
06/13/94	170.68	165.14	5.54	1,700	130	1.4	100	11	--	22	59	13	180	
06/30/94	170.68	165.13	5.55	--	--	--	--	--	--	--	--	--	--	
07/28/94	170.68	165.06	5.62	--	--	--	--	--	--	--	--	--	--	
08/31/94	170.68	165.00	5.68	800	17	3.5	9.3	4.4	--	25	53	22	510	
11/11/94	170.68	165.46	5.22	500	26	<0.5	30	4.3	--	--	--	--	--	
02/01/95	170.68	165.12	5.56	1,600	180	<2.0	31	42	--	--	--	--	--	
05/18/95	170.68	165.70	4.98	1,300	130	<2.0	140	5.5	--	--	--	--	--	
08/22/95	170.68	165.35	5.33	970	50	<1.2	75	<1.2	--	--	--	--	--	
11/01/95	170.68	165.28	5.40	320	3.3	<0.5	4.1	<0.5	27	--	--	--	--	
01/26/96	170.68	166.40	4.28	1,400	65	<2.5	98	71	100	--	--	--	--	
05/08/96	170.68	165.33	5.35	610	28	1.2	58	4.4	70	--	--	--	--	
10/03/96	171.70	165.48	6.22	210	4.2	<0.5	<0.5	<0.5	12	--	--	--	--	
02/04/97	171.70	166.57	5.13	60	4.4	<0.5	<0.5	<0.5	--	--	--	--	--	
04/30/97	171.70	165.60	6.10	870	49	<2.0	100	<2.0	18	--	--	--	--	
07/22/97	171.70	165.36	6.34	420	16	<0.5	23	<0.5	9.4	--	--	--	--	
11/03/97	171.70	165.35	6.35	370	8.1	0.54	10	7.6	30	--	--	--	--	
02/11/98	171.70	167.16	4.54	<50	2.0	0.58	<0.5	<0.5	<2.5	--	--	--	--	
05/08/98	171.70	166.25	5.45	230	13	2.3	37	4.3	15	--	--	--	--	
08/07/98	171.70	166.57	5.13	85	4.8	<0.5	11	0.87	57	--	--	--	--	
11/05/98	171.70	165.31	6.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	
03/02/99	171.70	166.65	5.05	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	
05/17/99	171.70	166.40	5.30	<50	0.9	<0.5	0.843	<0.5	<5.0	--	--	--	--	
08/24/99	171.70	164.35	7.35	<50	0.893	<0.5	<0.5	<0.5	<2.5	--	--	--	--	
11/19/99	171.70	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	
02/03/00	171.70	166.35	5.35	<50	<0.5	<0.5	<0.5	<0.5	2.9	--	--	--	--	
05/03/00	171.70	165.72	5.98	110 ²	1.1	<0.50	0.51	<0.50	12	--	--	--	--	
07/28/00	171.70	UNABLE TO LOCATE - DUE TO LANDSCAPING						--	--	--	--	--	--	--
11/13/00	171.70	UNABLE TO LOCATE - DUE TO LANDSCAPING						--	--	--	--	--	--	--
02/15/01	171.70	UNABLE TO LOCATE - DUE TO LANDSCAPING						--	--	--	--	--	--	--
05/31/01	171.70	166.62	5.08	<50	0.63	<0.50	<0.50	<0.50	<2.5/<2.0 ⁵	--	--	--	--	

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>mst</i>)	DTW (<i>ft.</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)	1,2-DCE (<i>ppb</i>)	TCE (<i>ppb</i>)	DCFM (<i>ppb</i>)	PCE (<i>ppb</i>)
MW-4 (cont)													
08/30/01 ⁶	171.70	165.30	6.40	560	3.6	<0.50	21	1.3	-/<5.0 ⁵	--	--	--	--
11/29/01	171.70	166.05	5.65	210	1.5	<0.50	6.6	<1.5	<5.0	--	--	--	--
02/05/02	171.70	165.83	5.87	71	<0.50	<0.50	1.0	<1.5	<2.5	--	--	--	--
TRIP BLANK													
02/25/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/13/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
08/31/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
11/11/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
02/01/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
05/18/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
08/22/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
11/01/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
01/26/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
05/08/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
10/03/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
02/04/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
04/30/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
07/22/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
02/11/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
05/08/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
08/07/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
11/05/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/02/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
05/17/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
08/24/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
11/19/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
02/03/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
05/03/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
07/28/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	1,2-DCE (ppb)	TCE (ppb)	DCPM (ppb)	PCE (ppb)
TRIP BLANK (cont)													
11/13/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
02/15/01	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
05/31/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
08/30/01 ⁶	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	-/<5.0 ⁵	--	--	--	--
QA													
11/29/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
02/05/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 3, 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

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

1,2-DCE = 1,2-Dichloroethene

TCE = Trichloroethene

DCFM = Dichlorodifluoromethane

PCE = Tetrachloroethene

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

QA = Quality Assurance

- 1 No value for MTBE could be determined; see lab report.
- 2 Laboratory report indicates discrete peaks.
- 3 Laboratory report indicates unidentified hydrocarbons C6-C12.
- 4 Laboratory report indicates single analyte peak(s) are present in the requested fuel quantitation range. Fuel hydrocarbon is not present.
- 5 MTBE by EPA Method 8260.
- 6 TPH-G and BTEX by EPA Method 8260.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-4930
3369 Castro Valley Boulevard
Castro Valley, California

WELL ID	DATE	METHANOL (ppm)	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)
MW-1	05/31/01	<1.000	<500	<20	2.1	<2.0	<2.0	<2.0	<2.0	<2.0
	08/30/01	--	--	--	<5.0	--	--	--	--	--
MW-2	05/31/01	<1.000	<500	<20	26	<2.0	<2.0	<2.0	<2.0	<2.0
	08/30/01	--	--	--	27	--	--	--	--	--
MW-3	05/31/01	<1.000	<500	<20	2.4	<2.0	<2.0	<2.0	<2.0	<2.0
	08/30/01	INACCESSIBLE - TRUCK PARKED OVER WELL				--	--	--	--	--
MW-4	05/31/01	<1.000	<500	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	08/30/01	--	--	--	<5.0	--	--	--	--	--
TRIP BLANK	08/30/01	--	--	--	<5.0	--	--	--	--	--

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide
(ppm) = Parts per million
(ppb) = Parts per billion
-- = Not Analyzed

ANALYTICAL METHODS:

EPA Method 8015 (Modified) for Methanol
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 # 9-4930

Job#: 386509

Address: 3369 Castro Valley Blvd.

Date: 2.5.02

City: Castro Valley, CA

Sampler: FT

Well ID MW-1

Well Condition: OK

Well Diameter 2 in.

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

Total Depth 17.85 ft.

Depth to Water 6.80 ft.

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

11.05 X VF .17 = 1.87 X 3 (case volume) = Estimated Purge Volume: 5.63 (gal.)

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

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

Starting Time: 9:36

Weather Conditions: SUNNY

Sampling Time: 9:53

Water Color: CLOUDY/TURB Odor: NO

Purging Flow Rate: NA gpm.

Sediment Description: SILTY

Did well de-water? NO

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

Time	Volume (gal.)	pH	Conductivity μ mhos/cm $\times 100$	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>9:40</u>	<u>2.0</u>	<u>8.00</u>	<u>415</u>	<u>62.0</u>			
<u>9:44</u>	<u>4.0</u>	<u>8.02</u>	<u>386</u>	<u>63.2</u>			
<u>9:47</u>	<u>6.0</u>	<u>7.87</u>	<u>401</u>	<u>63.1</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3 x VOA's</u>	<u>Y</u>	<u>HCL</u>	<u>LANGASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

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

Client/CHEVRON

Facility # 9-4930

Job#: 386509

Address: 3369 Castro Valley Blvd.

Date: 2.5.02

City: Castro Valley, CA

Sampler: FT

Well ID MW-2

Well Condition: OK

Well Diameter 2 in.

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

Total Depth 16.39 ft.

Depth to Water 5.70 ft.

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

10.69 X VF .17 = 1.81 X 3 (case volume) = Estimated Purge Volume: 5.45 (gal.)

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

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

Starting Time: 11:00

Weather Conditions: SUNNY

Sampling Time: 11:18

Water Color: CLOUDY/LT TAN Odor: NO

Purging Flow Rate: NA gpm.

Sediment Description: SLIGHTLY SILTY

Did well de-water? NO

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

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>11:04</u>	<u>2.0</u>	<u>8.08</u>	<u>455</u>	<u>62.8</u>			
<u>11:08</u>	<u>4.0</u>	<u>8.11</u>	<u>468</u>	<u>63.9</u>			
<u>11:12</u>	<u>5.5</u>	<u>8.13</u>	<u>465</u>	<u>64.2</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>3x VOA's</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

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

Client/CHEVRON

Facility # 9-4930

Job#: 386509

Address: 3369 Castro Valley Blvd.

Date: 2.5.02

City: Castro Valley, CA

Sampler: FT

Well ID MW-3

Well Condition: OK

Well Diameter 2 in.

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

Total Depth 16.98 ft.

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

Depth to Water 4.84 ft.

12.14 x VF .17 = 2.06 x 3 (case volume) = Estimated Purge Volume: 6.19 (gal.)

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

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

Starting Time: 10:30

Weather Conditions: SUNNY

Sampling Time: 10:49

Water Color: CLOUDY/LT. TAN Odor: NO

Purging Flow Rate: N/A gpm.

Sediment Description: SLIGHTLY SILTY

Did well de-water? NO

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

Time	Volume (gal.)	pH	Conductivity μ mhos/cm @ 100	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>10:34</u>	<u>2.0</u>	<u>8.56</u>	<u>439</u>	<u>62.9</u>			
<u>10:38</u>	<u>4.0</u>	<u>8.46</u>	<u>441</u>	<u>64.1</u>			
<u>10:42</u>	<u>6.0</u>	<u>8.38</u>	<u>467</u>	<u>63.9</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>3x VOAs</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____

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

Client/CHEVRON
 Facility # 9-4930 Job#: 386509
 Address: 3369 Castro Valley Blvd. Date: 2.5.02
 City: Castro Valley, CA Sampler: FT

Well ID MW-4 Well Condition: OK
 Well Diameter 2 in. Hydrocarbon Amount Bailed
 Thickness: 0 (feet) (product/water): 0 (Gallons)
 Total Depth 17.40 ft.
 Depth to Water 5.87 ft.

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

11.53 X VF .17 = 1.96 X 3 (case volume) = Estimated Purge Volume: 5.88 (gal.)

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

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

Starting Time: 10:05 Weather Conditions: SUNNY
 Sampling Time: 10:13 Water Color: CLOUDY/TAN Odor: NO
 Purging Flow Rate: N/A gpm. Sediment Description: SILTY
 Did well de-water? NO if yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm $\times 100$	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>10:09</u>	<u>2.0</u>	<u>8.15</u>	<u>328</u>	<u>61.7</u>			
<u>10:13</u>	<u>4.0</u>	<u>8:35</u>	<u>323</u>	<u>62.6</u>			
<u>10:17</u>	<u>6.0</u>	<u>8.34</u>	<u>326</u>	<u>62.8</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>3x VOA's</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: _____



ANALYTICAL RESULTS

Prepared for:

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

Prepared by:

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

RECEIVED

FEB 20 2002

GETTLER-RYAN INC.
GENERAL CONTRACTORS

SAMPLE GROUP

The sample group for this submittal is 796077. Samples arrived at the laboratory on Thursday, February 07, 2002. The PO# for this group is 99011184 and the release number is BAUHS.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-020205	NA	Water	3770474
MW-1-W-020205	Grab	Water	3770475
MW-2-W-020205	Grab	Water	3770476
MW-3-W-020205	Grab	Water	3770477
MW-4-W-020205	Grab	Water	3770478

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





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

Respectfully Submitted,

Steven A. Skiles
Steven A. Skiles
Sr. Chemist



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



Lancaster Laboratories Sample No. **WW 3770474**

Collected: 02/05/2002 00:00

Account Number: 10905

Submitted: 02/07/2002 15:37

Reported: 02/15/2002 at 14:49

Discard: 03/18/2002

QA-T-020205 NA Water

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

Facility# 94930 Job# 386509 GRD
3369 CASTRO VALLEY BLVD T0600100137 QA

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/09/2002 11:46	John B Kiser	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/09/2002 11:46	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/09/2002 11:46	John B Kiser	n.a.

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



Lancaster Laboratories Sample No. **WW 3770475**

Collected: 02/05/2002 09:53 by FT

Account Number: 10905

Submitted: 02/07/2002 15:37
 Reported: 02/15/2002 at 14:49
 Discard: 03/18/2002

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

MW-1-W-020205 Grab Water

Facility# 94930 Job# 386509 GRD
 3369 CASTRO VALLEY BLVD T0600100137 MW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	120.	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	1.9	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	02/09/2002 21:56	John B Kiser	1
08214	BTEX, MTBE (8021)	Method SW-846 8021B	1	02/09/2002 21:56	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/09/2002 21:56	John B Kiser	n.a.

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



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



Lancaster Laboratories Sample No. **WW 3770476**

Collected: 02/05/2002 11:18 by FT Account Number: 10905

Submitted: 02/07/2002 15:37
 Reported: 02/15/2002 at 14:49
 Discard: 03/18/2002
 MW-2-W-020205 Grab Water
 Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

Facility# 94930 Job# 386509 GRD
 3369 CASTRO VALLEY BLVD T0600100137 MW-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	190.	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	1.3	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	7.5	2.5	ug/l	1

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/09/2002 21:24	John B Kiser	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/09/2002 21:24	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/09/2002 21:24	John B Kiser	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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



Lancaster Laboratories Sample No. WW 3770477

Collected: 02/05/2002 10:49 by FT

Account Number: 10905

Submitted: 02/07/2002 15:37

Reported: 02/15/2002 at 14:49

Discard: 03/18/2002

MW-3-W-020205

Grab Water

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

Facility# 94930 Job# 386509 GRD
3369 CASTRO VALLEY BLVD T0600100137 MW-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	360.	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	2.8	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/09/2002 20:52		John B Kiser	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/09/2002 20:52		John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/09/2002 20:52		John B Kiser	n.a.

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



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



Lancaster Laboratories Sample No. **WW 3770478**

Collected: 02/05/2002 10:13 by FT Account Number: 10905

Submitted: 02/07/2002 15:37
 Reported: 02/15/2002 at 14:49
 Discard: 03/18/2002
 MW-4-W-020205 Grab Water
 Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

Facility# 94930 Job# 386509 GRD
 3369 CASTRO VALLEY BLVD T0600100137 MW-4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	71.	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	1.0	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	02/09/2002 20:19	John B Kiser	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	02/09/2002 20:19	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/09/2002 20:19	John B Kiser	n.a.

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



MEMBER
 Lancaster, PA 17605-2425
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Lancaster Laboratories

Where quality is a science.

Quality Control Summary

Client Name: Chevron Products Company
 Reported: 02/15/02 at 02:49 PM

Group Number: 796077

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 02039A16	Sample number(s): 3770474-3770478							
Benzene	N.D.	0.5	ug/l	108	104	80-118	4	30
Toluene	N.D.	0.5	ug/l	113	108	82-119	4	30
Ethylbenzene	N.D.	0.5	ug/l	113	110	81-119	3	30
Total Xylenes	N.D.	1.5	ug/l	115	112	82-120	3	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	102	100	79-127	2	30
TPH-GRO - Waters	N.D.	50.	ug/l	93	97	76-126	4	20

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	MAX	BKG Conc	DUP Conc	RPD	Dup RPD Max
Batch number: 02039A16	Sample number(s): 3770474-3770478								
Benzene	105		77-131						
Toluene	110		80-128						
Ethylbenzene	111		76-132						
Total Xylenes	113		76-132						
Methyl tert-Butyl Ether	98		61-144						
TPH-GRO - Waters	99		74-132						

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
 Batch number: 02039A16

	Trifluorotoluene-F	Trifluorotoluene-P
3770474	77	96
3770475	79	90
3770476	78	88
3770477	76	84
3770478	78	92
Blank	78	97
LCS	119	97
LCSD	114	96
MS	112	97
<hr/>		
Limits:	67-135	71-130

*- Outside of specification

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



Lancaster Laboratories, Inc.
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