



# GETTLER-RYAN INC.

## TRANSMITTAL

RW-206

MAY 28 2002

May 9, 2002  
G-R #385290

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

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

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

RE: Chevron Service Station  
#9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	May 3, 2002	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of March 25, 2002

### COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **May 22, 2002**, at which time the final report will be distributed to the following:

cc: Alameda County Health Care Services, Department of Environmental Health, 1131 Harbor Bay Parkway,  
Alameda, CA 94502  
Mr. Greg Gurs, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670  
Ms. Mary Diamond, Sees Candy Shops, Inc., 3423 South La Cienega Blvd., Los Angeles, CA 90016

Enclosures

trans/9-0290-ks



# GETTLER-RYAN INC.

May 3, 2002  
G-R Job #385290

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

MAY 28 2002

**RE: First Semi-Annual Event of March 25, 2002**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

Dear Ms. Streich:

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

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

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

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

Sincerely,

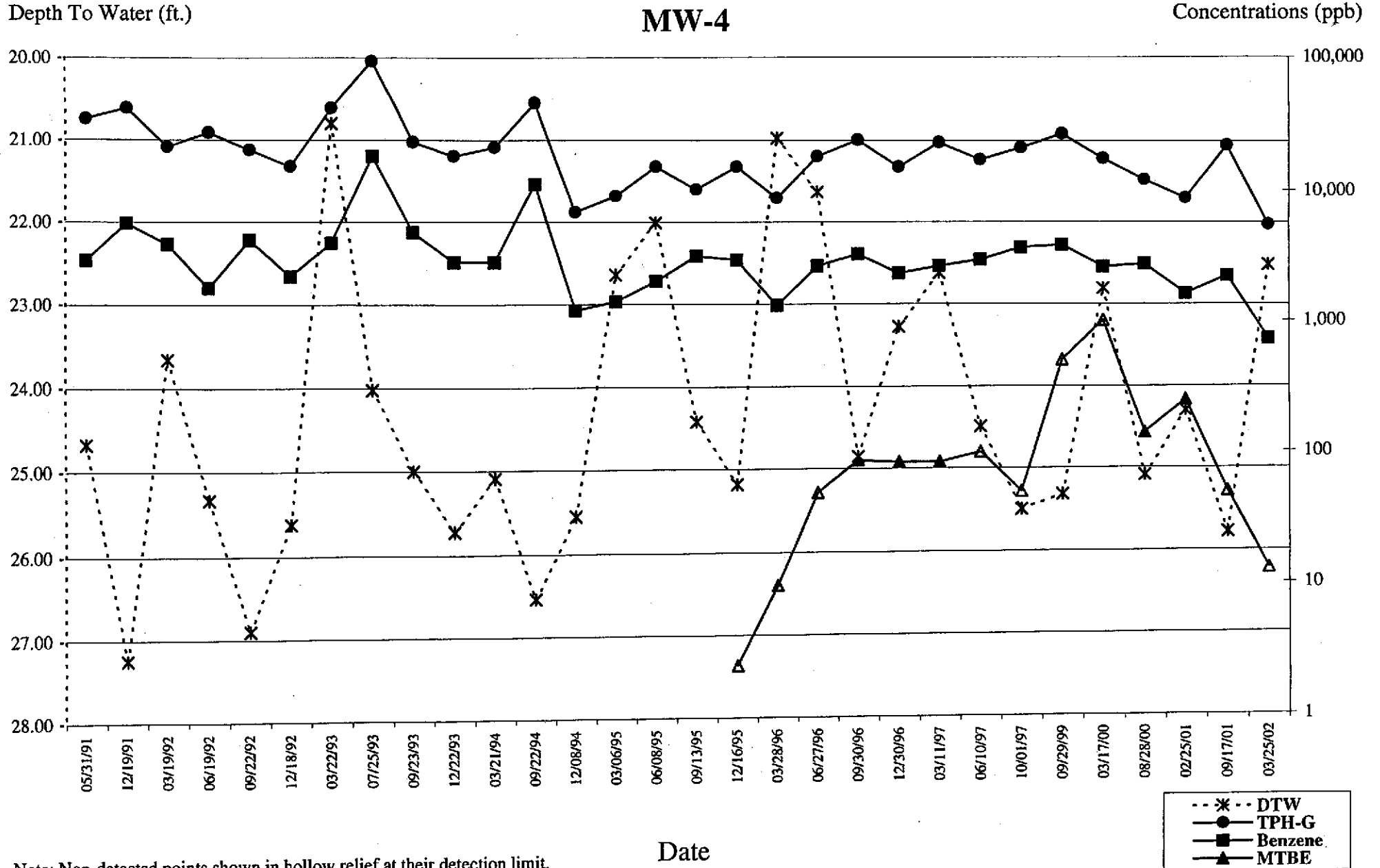
Deanna L. Harding  
Project Coordinator

Hagop Kevork  
P.E. No. C55734



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

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5542  
 7007 San Ramon Valley Boulevard  
 Dublin, California



Note: Non-detected points shown in hollow relief at their detection limit.

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
MW-4 (cont)													
09/23/93	363.07	338.07	25.00	23,000	4,700	2,000	900	4,600	--	<5000	--	--	--
12/22/93	363.07	337.35	25.72	18,000	2,800	1,300	420	1,700	--	<5000	--	--	--
03/21/94	363.07	337.98	25.09	21,000	2,800	1,700	540	1,900	--	<5000	--	--	--
06/29/94	363.07	--	--	25,000	4,000	2,600	960	3,300	--	<5000	--	--	--
07/06/94	363.07	336.96	26.11	--	--	--	--	--	--	--	--	--	--
09/22/94	363.07	336.53	26.54	45,000	11,000	8,800	1,000	5,100	--	<5000	--	--	--
12/08/94 <sup>9</sup>	363.07	337.52	25.55	6700	1,200	720	34	1,100	--	<5000	--	--	--
03/06/95	363.07	340.43	22.64	8900	1,400	540	350	940	--	--	--	--	--
06/08/95	363.07	341.06	22.01	15,000	2,000	1,500	400	1,500	--	--	--	--	--
09/13/95	363.07	338.65	24.42	10,000 <sup>10</sup>	3,100	670	500	1,400	--	--	--	--	--
12/16/95	363.07	337.89	25.18	15,000	2,900	960	420	1,200	<2.5	--	--	--	--
03/28/96	363.07	342.10	20.97	8600	1,300	920	330	1,100	<10	--	--	--	--
06/27/96	363.07	341.44	21.63	18,000	2,600	1,500	740	2,400	<50	--	--	--	--
09/30/96	363.07	338.22	24.85	24,000	3,200	1,200	710	2,200	87	--	--	--	--
12/30/96	363.07	339.79	23.28	15,000	2,300	1,000	600	1,900	84	--	--	--	--
03/11/97	363.07	340.45	22.62	23,000	2,600	920	780	2,200	84	--	--	--	--
06/10/97	363.07	338.58	24.49	17,000	2,900	790	750	1,700	<100	--	--	--	--
10/01/97	363.07	337.57	25.50	21,000	3,600	1,400	1,300	2,700	<50	--	--	--	--
12/17/97	363.07	--	--	--	--	--	--	--	--	--	--	--	--
03/29/98	363.07	DISCONTINUED		--	--	--	--	--	--	--	--	--	--
09/29/99 <sup>11</sup>	363.07	337.75	25.32	26,700	3,770	844	1,290	2,970	<500	--	<40	<40	--
03/17/00	363.07	340.26	22.81	17,400	2,560	942	688	1,980	<1000	--	--	--	--
08/28/00	363.07	337.98	25.09	12,000 <sup>15</sup>	2,700	220	530	750	140	--	--	--	--
02/25/01	363.07	338.77	24.30	8,700 <sup>15</sup>	1,600	400	600	1,500	250	--	--	--	--
09/17/01	363.07	337.29	25.78	22,000	2,200	620	860	2,400	<50	--	--	--	--
03/25/02	363.07	340.55	22.52	5,400	720	53	230	390	<13	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

WELL ID/ DATE	TOC (fl.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>MW-3 (cont)</b>													
12/16/95	362.26	338.26	24.00	650	<0.5	<0.5	4.4	6.5	12	--	--	--	--
03/28/96	362.26	342.36	19.90	1,500	4.3	6.5	60	100	15	--	--	--	--
06/27/96	362.26	340.28	21.98	1,200	<0.5	<0.5	1.9	2.0	13	--	--	--	--
09/30/96	362.26	338.44	23.82	620	<0.5	<0.5	<0.5	0.8	10	--	--	--	--
12/30/96	362.26	339.96	22.30	1,200	0.6	<0.5	0.6	0.7	12	--	--	--	--
03/11/97	362.26	340.75	21.51	1,400	<0.5	3.1	<0.5	0.7	32	--	--	--	--
06/10/97	362.26	338.66	23.60	1,400	1.8	4.8	0.8	1.1	18	--	--	--	--
10/01/97	362.26	337.53	24.73	1,100	0.6	2.2	1.0	1.3	7.8	--	--	--	--
12/17/97	362.26	338.99	23.27	450 <sup>7</sup>	7.9	1.2	<1.0	1.5	11	--	--	--	--
03/29/98	362.26	342.01	20.25	890	0.84	1.4	1.3	0.68	100	--	--	--	--
09/12/98	362.26	340.38	21.88	740 <sup>7</sup>	<0.5	<0.5	<0.5	<0.5	5.4	--	--	--	--
03/26/99	362.26	339.83	22.43	661	<0.5	34.9	0.848	1.36	5.68	--	--	--	--
09/29/99	362.26	338.63	23.63	348	0.975	0.58	<0.5	0.618	<5.0	--	--	--	--
NOT MONITORED/SAMPLED													
<b>MW-4</b>													
4/3-4/90	362.70	--	--	43,000	4,000	5,000	790	5,500	--	18,000	--	<0.02	--
4/3-4/90	362.70	--	--	--	6,000	8,200	1,500	--	--	--	--	--	--
05/31/91	362.70	338.03	24.67	34,000	2,900	2,900	680	3,300	--	--	<0.5	--	ND <sup>3</sup>
05/31/91	362.70	--	--	<5000	--	--	--	--	--	--	--	--	--
06/21/91	362.70	337.39	25.31	--	--	--	--	--	--	--	--	--	--
07/17/91	362.70	336.97	25.73	--	--	--	--	--	--	--	--	--	--
09/20/91	362.70	--	--	37,000	4,000	3,200	580	3,000	--	--	9.2	--	ND <sup>3</sup>
10/04/91	362.70	335.62	27.08	--	--	--	--	--	--	--	--	--	--
12/19/91	362.70	335.46	27.24	41,000	5,500	4,900	1,000	4,400	--	--	17	--	ND <sup>3</sup>
03/19/92	362.70	339.04	23.66	21,000	3,800	2,900	500	3,200	--	--	15	--	ND <sup>8</sup>
06/19/92	363.07	337.74	25.33	27,000	1,800	1,600	570	1,900	--	<5000	--	--	--
09/22/92	363.07	336.17	26.90	20,000	4,100	2,700	670	3,200	--	<5000	--	--	--
12/18/92	363.07	337.45	25.62	15,000	2,200	2,000	370	1,600	--	<5000	--	--	--
03/22/93	363.07	342.27	20.80	41,000	3,900	5,100	840	4,500	--	5000	--	--	--
06/14/93	363.07	337.34	25.73	--	--	--	--	--	--	--	--	--	--
07/25/93	363.07	339.05	24.02	94,000	18,000	30,000	2,400	14,000	--	<5000	--	--	--

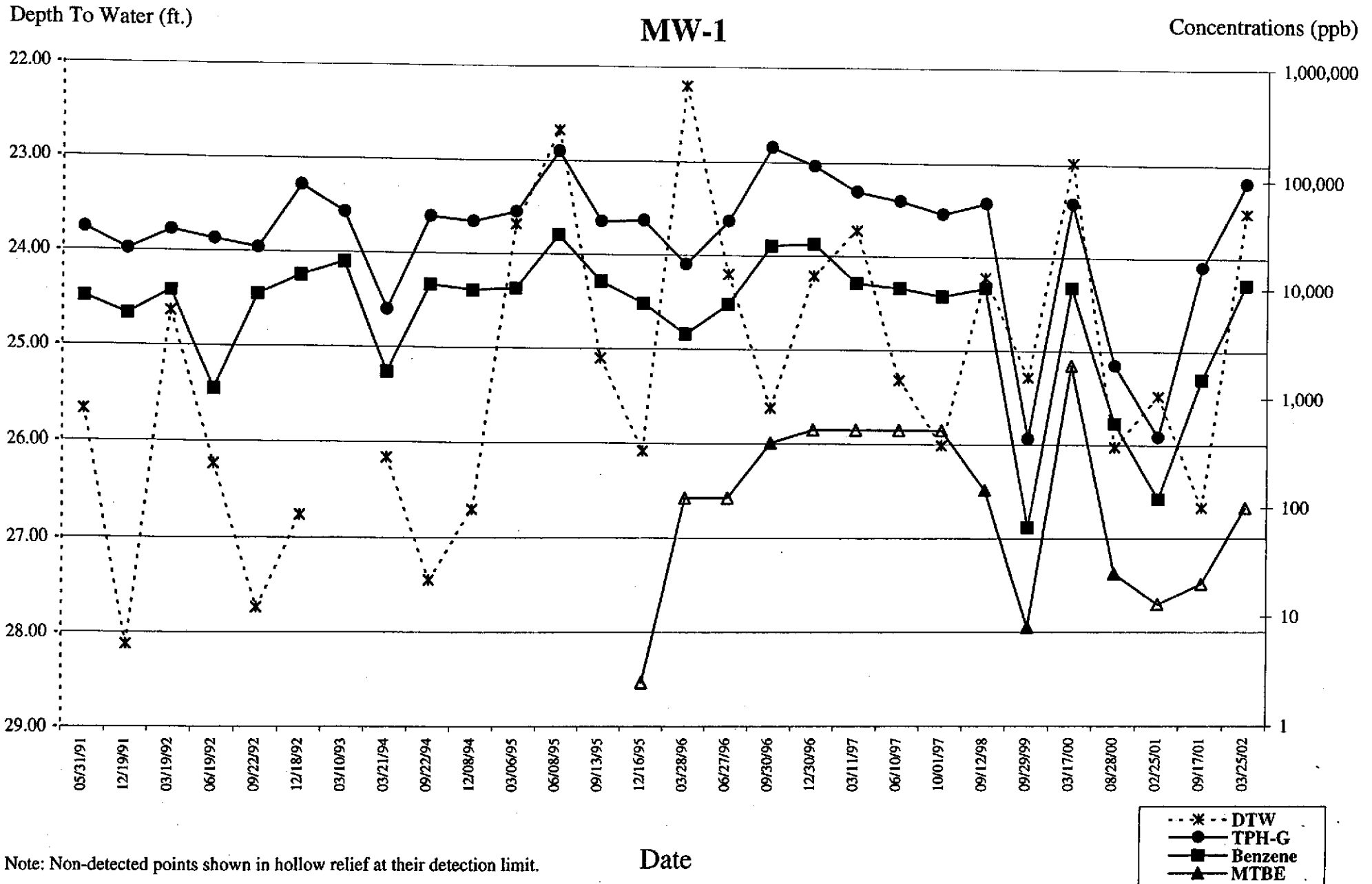
**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5542  
 7007 San Ramon Valley Boulevard  
 Dublin, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>MW-2 (cont)</b>													
12/17/97	364.64	339.66	24.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/29/98	364.64	344.30	20.34	110	20	12	4.3	14	5.4	--	--	--	--
09/12/98	364.64	341.05	23.59	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/26/99	364.64	341.30	23.34	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
09/29/99	364.64	339.63	25.01	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
NOT MONITORED/SAMPLED													
<b>MW-3</b>													
4/3-4/90	361.92	--	--	2,200	36	5.0	6.0	17	--	--	--	<0.02	--
05/31/91	361.92	338.72	23.20	2,200	130	11	31	78	--	--	19	--	ND <sup>3</sup>
05/31/91	361.92	--	--	--	--	--	--	--	--	<5000	--	--	--
06/21/91	361.92	337.79	24.13	--	--	--	--	--	--	--	--	--	--
07/17/91	361.92	337.73	24.59	--	--	--	--	--	--	--	--	--	--
09/20/91	361.92	335.94	25.98	2,200	190	6.0	24	32	--	--	--	--	--
12/19/91	361.92	335.68	26.24	640	73	27	17	56	--	--	--	--	--
03/19/92	361.92	339.46	22.46	4,500	1,000	15	91	240	--	--	--	--	--
06/19/92	362.26	337.94	24.32	1,100	89	3.3	9.1	13	--	--	--	--	--
09/22/92	362.26	336.42	25.84	1,400	81	51	15	49	--	--	--	--	--
12/18/92	362.26	337.86	24.40	1,100	2.0	1.1	53	38	--	--	--	--	--
03/22/93	362.26	342.54	19.72	1,600	96	9.0	14	91	--	--	--	--	--
06/14/93	362.26	338.74	23.52	--	--	--	--	--	--	--	--	--	--
07/25/93	362.26	339.05	23.21	1,200	19	6.0	2.0	5.0	--	--	--	--	--
09/23/93	362.26	338.24	24.02	1,500	35	<0.5	5.0	13	--	--	--	--	--
12/22/93	362.26	337.59	24.67	1,500	26	<0.5	3.9	4.9	--	--	--	--	--
03/21/94	362.26	338.21	24.05	1,400	22	14	1.1	5.3	--	--	--	--	--
06/29/94	362.26	--	--	1,700	90	6.1	20	81	--	--	--	--	--
07/06/94	362.26	337.18	25.08	--	--	--	--	--	--	--	--	--	--
09/22/94	362.26	337.48	24.78	2,600	72	7.6	110	370	--	--	--	--	--
12/08/94	362.26	337.91	24.35	2,700	32	<0.5	100	140	--	--	--	--	--
03/06/95	362.26	340.79	21.47	1,000	4.0	9.9	8.8	7.7	--	--	--	--	--
06/08/95	362.26	341.27	20.99	1,500	13	3.2	12	17	--	--	--	--	--
09/13/95	362.26	338.75	23.51	2,100	12	79	76	420	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

WELL ID/ DATE	TOC ( <i>µ</i> l)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>MW-2</b>													
4/3-4/90	364.19	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	--	<0.02	--
05/31/91	364.19	338.68	25.51	100	3.1	4.2	0.7	2.0	--	--	<0.5	--	ND <sup>3</sup>
05/31/91	364.19	--	--	--	--	--	--	--	--	<5000	--	--	--
06/21/91	364.19	338.06	26.13	--	--	--	--	--	--	--	--	--	--
07/17/91	364.19	337.73	26.46	--	--	--	--	--	--	--	--	--	--
09/20/91	364.19	--	--	68	1.3	1.6	0.8	3.0	--	--	--	--	--
10/04/91	364.19	336.40	27.79	--	--	--	--	--	--	--	--	--	--
12/19/91	364.19	336.13	28.06	<50	0.6	1.2	0.8	2.5	--	--	--	--	--
03/19/92	364.19	339.73	24.46	<50	2.5	2.0	1.1	2.4	--	--	--	--	--
06/19/92	364.64	338.54	26.10	<50	<0.5	0.6	0.7	1.2	--	--	--	--	--
09/22/92	364.64	337.04	27.60	200	16	42	6.1	32	--	--	--	--	--
12/18/92	364.64	338.32	26.32	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/22/93	364.64	343.29	21.39	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/14/93	364.64	339.49	25.15	--	--	--	--	--	--	--	--	--	--
07/25/93	364.64	340.12	24.52	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	364.64	339.01	25.63	72	12	4.0	6.0	8.0	--	--	--	--	--
12/22/93	364.64	338.30	26.34	1,600	25	<0.5	3.8	4.8	--	--	--	--	--
03/21/94	364.64	338.81	25.83	<50	0.7	3.3	<0.5	1.9	--	--	--	--	--
06/29/94	364.64	--	--	52	0.8	0.9	0.8	1.9	--	--	--	--	--
07/06/94	364.64	337.94	26.70	--	--	--	--	--	--	--	--	--	--
09/22/94	364.64	337.82	26.82	<50	0.7	<0.5	<0.5	0.6	--	--	--	--	--
12/08/94	364.64	338.36	26.28	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/06/95	364.64	341.37	23.27	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/08/95	364.64	342.26	22.38	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/13/95	364.64	339.95	24.95	<50	<0.5	0.8	<0.5	0.8	--	--	--	--	--
12/16/95	364.64	338.86	25.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/28/96	364.64	343.30	21.34	<50	0.8	5.6	1.0	6.2	<5.0	--	--	--	--
06/27/96	364.64	340.65	23.99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/30/96	364.64	339.50	25.14	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/30/96	364.64	341.03	23.61	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	364.64	341.47	23.17	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	364.64	339.92	24.72	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
10/01/97	364.64	338.79	25.85	<50	1.0	1.2	<0.5	1.7	<5.0	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5542  
 7007 San Ramon Valley Boulevard  
 Dublin, California



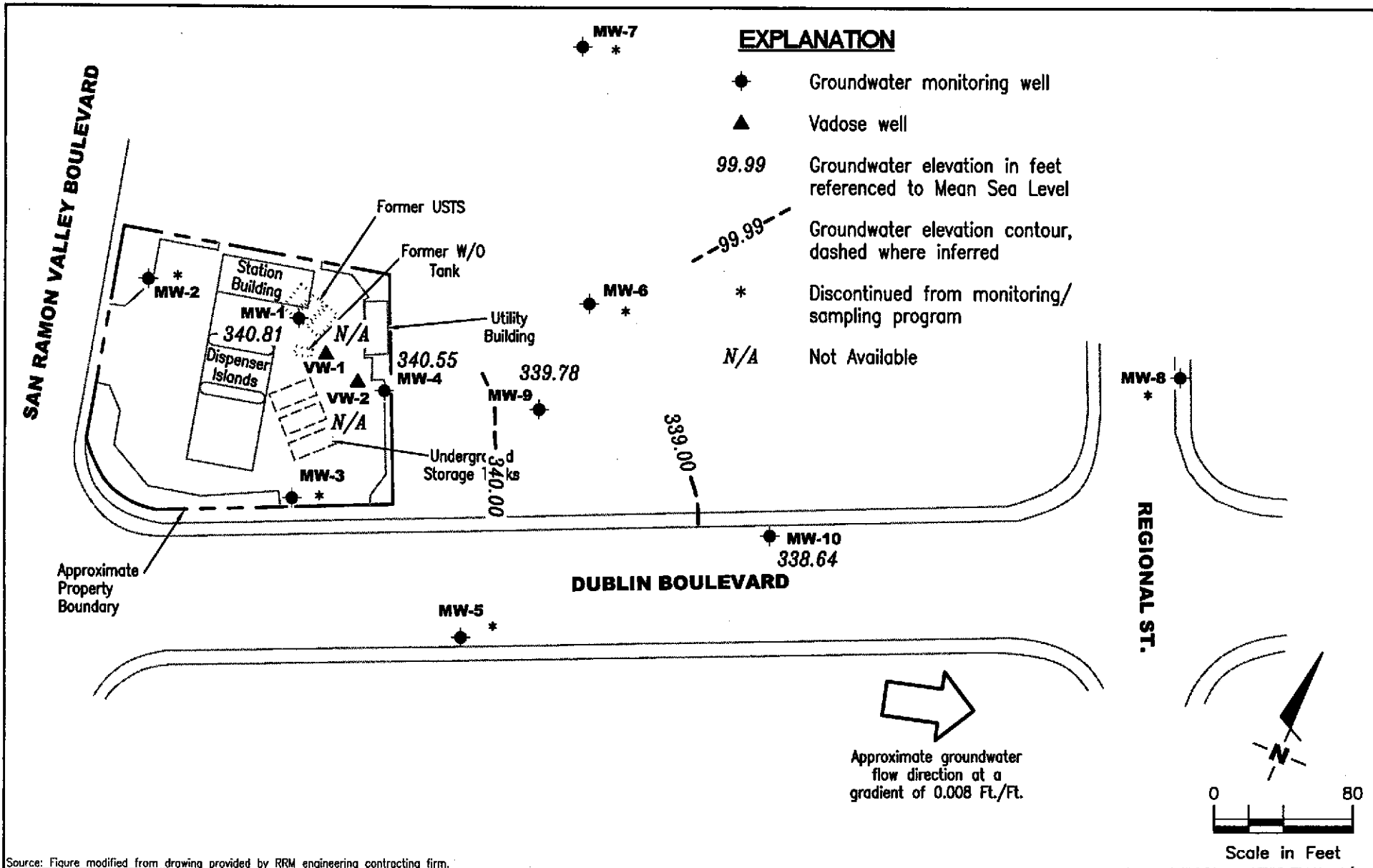


**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5542  
 7007 San Ramon Valley Boulevard  
 Dublin, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
MW-1 (cont)													
10/01/97	364.32	338.31	26.01	48,000	8,400	12,000	1,200	5,700	<500	--	--	--	--
12/17/97	364.32	--	--	--	--	--	--	--	--	--	--	--	--
03/29/98	364.32	DISCONTINUED		--	--	--	--	--	--	--	--	--	--
09/12/98 <sup>5</sup>	364.32	340.10	24.22	61,000	10,000	13,000	1,700	7,600	<125/143 <sup>6</sup>	--	--	--	--
09/29/99 <sup>4</sup>	364.32	339.04	25.28	423	65	48.8	12.4	43.7	8.0	--	<2.0	<2.0	--
03/17/00	364.32	341.34	22.98	61,200	10,200	15,300	1890	8540	<2000	--	--	--	--
08/28/00	364.32	338.30	26.02	2,000 <sup>15</sup>	590	470	110	390	25	--	--	--	--
02/25/01	364.32	338.84	25.48	440 <sup>15</sup>	120	33	8.5	260	<13	--	--	--	--
09/17/01	364.32	337.65	26.67	16,000	1,500	1,900	340	1,400	<20	--	--	--	--
03/25/02	364.32	340.81	23.51	96,000	11,000	21,000	2,500	12,000	<100	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, 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> )	TOG ( <i>ppb</i> )	1,2-DCA ( <i>ppb</i> )	EDB ( <i>ppb</i> )	HVOCs ( <i>ppb</i> )
MW-1													
4/3-4/90	363.98	--	--	46,000	8,400	7,400	860	5,600	--	--	--	1.04	--
4/3-4/90 (D)	363.98	--	--	43,000	8,400	7,200	840	5,200	--	--	--	1.1	--
05/31/91	363.98	338.31	25.67	31,000	7,400	2,500	630	2,100	--	--	2.0	--	ND <sup>3</sup>
05/31/91	363.98	--	--	--	--	--	--	--	--	<5000	--	--	--
06/21/91	363.98	337.75	26.23	--	--	--	--	--	--	--	--	--	--
07/17/91	363.98	337.45	26.53	--	--	--	--	--	--	--	--	--	--
09/20/91	363.98	--	--	31,000	3,000	2,800	610	3,100	--	--	0.6	--	ND <sup>3</sup>
10/04/91	363.98	336.08	27.90	--	--	--	--	--	--	--	--	--	--
12/19/91	363.98	335.86	28.12	20,000	5,200	1,700	560	2,000	--	--	3.3	--	ND <sup>3</sup>
03/19/92	363.98	339.35	24.63	30,000	8,500	3,600	590	2,400	--	--	2.7	--	ND <sup>3</sup>
06/19/92	364.32	338.09	26.23	25,000	1,100	2,000	520	1,800	--	--	--	--	--
09/22/92	364.32	336.59	27.73	21,000	8,000	3,500	670	2,900	--	--	--	--	--
12/18/92	364.32	337.56	26.76	79,000	12,000	12,000	1,600	8,500	--	--	--	--	--
03/10/93 <sup>1</sup>	364.32	--	--	45,000	16,000	14,000	1,100	5,500	--	--	--	--	--
03/22/93 <sup>2</sup>	364.32	--	--	--	--	--	--	--	--	--	--	--	--
06/14/93 <sup>2</sup>	364.32	--	--	--	--	--	--	--	--	--	--	--	--
07/25/93 <sup>2</sup>	364.32	--	--	--	--	--	--	--	--	--	--	--	--
09/23/93 <sup>2</sup>	364.32	--	--	--	--	--	--	--	--	--	--	--	--
03/21/94	364.32	338.16	26.16	5,900	1,600	560	140	330	--	--	--	--	--
07/06/94	364.32	337.12	27.20	--	--	--	--	--	--	--	--	--	--
08/26/94	364.32	--	--	20,000	5,300	4,900	610	2,900	--	--	--	--	--
09/22/94	364.32	336.88	27.44	42,000	10,000	8,300	1,000	4,900	--	--	--	--	--
12/08/94	364.32	337.62	26.70	38,000	9,000	7,700	830	3,800	--	--	--	--	--
03/06/95	364.32	340.64	23.68	47,000	9,400	7,100	750	3,400	--	--	--	--	--
06/08/95	364.32	341.64	22.68	170,000	29,000	29,000	2,600	13,000	--	--	--	--	--
09/13/95	364.32	339.22	25.10	39,000	11,000	10,000	1,100	4,900	--	--	--	--	--
12/16/95	364.32	338.24	26.08	40,000	7,000	6,300	570	2,500	<2.5	--	--	--	--
03/28/96	364.32	342.12	22.20	16,000	3,700	3,200	330	1,500	<120	--	--	--	--
06/27/96	364.32	340.12	24.20	40,000	6,900	8,700	830	4,000	<120	--	--	--	--
09/30/96	364.32	338.70	25.62	190,000	24,000	31,000	2,900	14,000	380	--	--	--	--
12/30/96	364.32	340.11	24.21	130,000	25,000	32,000	2,900	15,000	<500	--	--	--	--
03/11/97	364.32	340.60	23.72	76,000	11,000	13,000	1,000	6,500	<500	--	--	--	--
06/10/97	364.32	339.00	25.32	63,000	9,900	15,000	1,400	7,000	<500	--	--	--	--



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 #9-5542  
 7007 San Ramon Valley Boulevard  
 Dublin, California

FIGURE

1

PROJECT NUMBER  
 385290

REVIEWED BY

DATE  
 March 25, 2002

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, 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> )	TOG ( <i>ppb</i> )	1,2-DCA ( <i>ppb</i> )	EDB ( <i>ppb</i> )	HVOCs ( <i>ppb</i> )
<b>MW-5</b>													
06/21/91	359.95	336.78	23.17	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/21/91	359.95	--	--	--	--	--	--	--	--	--	<0.5	--	ND <sup>3</sup>
07/17/91	359.95	336.27	23.68	--	--	--	--	--	--	--	--	--	--
09/20/91	359.95	--	--	170 <sup>7</sup>	0.8	0.9	<0.5	1.5	--	--	--	--	--
10/04/91	359.95	334.75	25.20	--	--	--	--	--	--	--	--	--	--
12/19/91	359.95	334.75	25.20	<50	0.7	0.7	<0.5	1.4	--	--	--	--	--
03/19/92	359.95	338.74	21.21	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/19/92	360.28	336.86	23.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/22/92	360.28	335.31	24.97	150	13	34	5.0	26	--	--	--	--	--
12/18/92	360.28	336.76	23.52	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/10/93	360.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/22/93	360.28	341.18	19.10	--	--	--	--	--	--	--	--	--	--
06/14/93	360.28	337.57	22.71	--	--	--	--	--	--	--	--	--	--
07/25/93	360.28	338.29	21.99	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	360.28	336.80	23.48	<50	3.0	1.0	1.0	2.0	--	--	--	--	--
12/22/93	360.28	336.30	23.98	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	360.28	337.10	23.18	<50	2.4	1.4	<0.5	2.0	--	--	--	--	--
06/29/94	360.28	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--	--
07/06/94	360.28	335.87	24.41	--	--	--	--	--	--	--	--	--	--
09/22/94	360.28	335.50	24.78	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/08/94	360.28	336.86	23.42	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/06/95	360.28	339.63	20.65	67	1.9	2.5	4.7	19	--	--	--	--	--
06/08/95	360.28	339.52	20.76	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/13/95	360.28	337.12	23.16	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/16/95	360.28	INACCESSIBLE - PAVED OVER											
03/28/96	360.28	INACCESSIBLE - PAVED OVER											
06/27/96	360.28	INACCESSIBLE - PAVED OVER											
09/30/96	360.28	INACCESSIBLE - PAVED OVER											
12/30/96	360.28	INACCESSIBLE - PAVED OVER											
03/11/97	360.28	INACCESSIBLE - PAVED OVER											
06/10/97	360.28	INACCESSIBLE - PAVED OVER											
10/01/97	360.28	INACCESSIBLE - PAVED OVER											

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>MW-5 (cont)</b>													
12/17/97	360.28	DISCONTINUED	--	--	--	--	--	--	--	--	--	--	--
03/26/99	360.28	INACCESSIBLE -PAVED OVER	--	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED													
<b>MW-6</b>													
06/21/91	360.22	336.67	23.55	3,700	50	2.6	150	340	--	--	--	--	--
06/21/91	360.22	--	--	--	--	--	--	--	--	--	<0.5	--	ND <sup>3</sup>
07/17/91	360.22	336.22	24.00	--	--	--	--	--	--	--	--	--	--
09/20/91	360.22	--	--	3,200	28	<0.5	140	100	--	--	--	--	--
10/04/91	360.22	334.93	25.29	--	--	--	--	--	--	--	--	--	--
12/19/91	360.22	334.88	25.34	380	2.7	4.0	15	10	--	--	--	--	--
03/19/92	360.22	338.17	22.05	3,400	57	4.5	330	360	--	--	--	--	--
06/19/92	360.58	337.06	23.52	980	11	4.2	57	38	--	--	--	--	--
09/22/92	360.58	334.98	25.60	1,100	22	41	77	58	--	--	--	--	--
12/18/92	360.58	336.40	24.18	1,900	3.2	1.3	58	47	--	--	--	--	--
03/10/93	360.58	--	--	1,400	30	9.0	8.0	22	--	--	--	--	--
03/22/93	360.58	341.22	19.36	--	--	--	--	--	--	--	--	--	--
06/14/93	360.58	337.10	23.48	--	--	--	--	--	--	--	--	--	--
07/25/93	360.58	338.28	22.30	83 <sup>12</sup>	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	360.58	337.38	23.20	200	6.0	2.0	3.0	3.0	--	--	--	--	--
12/22/93	360.58	336.67	23.91	130	<0.5	1.8	1.2	1.5	--	--	--	--	--
03/21/94	360.58	337.31	23.27	290	3.0	10	1.6	4.7	--	--	--	--	--
06/29/94	360.58	--	--	300	0.6	1.2	2.4	4.6	--	--	--	--	--
07/06/94	360.58	336.31	24.27	--	--	--	--	--	--	--	--	--	--
09/22/94	360.58	335.74	24.84	2,300	58	3.6	100	290	--	--	--	--	--
12/08/94	360.58	336.73	23.85	<50	<0.5	<0.5	<0.5	0.9	--	--	--	--	--
03/06/95	360.58	339.67	20.91	360	2.0	3.6	0.9	2.3	--	--	--	--	--
06/08/95	360.58	340.40	20.18	230	<0.5	<0.5	1.0	1.6	--	--	--	--	--
09/13/95	360.58	337.05	23.53	88	<0.5	<0.5	<0.5	1.1	--	--	--	--	--
12/16/95	360.58	337.20	23.38	<50	<0.5	<0.5	<0.5	<0.5	7.3	--	--	--	--
03/28/96	360.58	341.21	19.37	130	<0.5	<0.5	<0.5	<0.5	9.2	--	--	--	--
06/27/96	360.58	338.92	21.66	<50	<0.5	<0.5	<0.5	<0.5	5.7	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>MW-6 (cont)</b>													
09/30/96	360.58	337.52	23.06	50	<0.5	<0.5	<0.5	<0.5	6.3	--	--	--	--
12/30/96	360.58	339.12	21.46	90	<0.5	<0.5	<0.5	<0.5	5.5	--	--	--	--
03/11/97	360.58	339.67	20.91	80	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	360.58	337.93	22.65	<50	1.6	2.3	<0.5	1.2	<5.0	--	--	--	--
10/01/97	360.58	336.95	23.63	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	360.58	337.81	22.77	92	0.98	<0.5	0.72	1.6	2.7	--	--	--	--
03/29/98	360.58	342.24	18.34	95 <sup>7</sup>	<0.5	<0.5	<0.5	<0.5	3.0	--	--	--	--
09/12/98	360.58	338.90	21.68	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/26/99	360.58	339.42	21.16	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
09/29/99	360.58	337.73	22.85	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
<b>NOT MONITORED/SAMPLED</b>													
<b>MW-7</b>													
06/21/91	360.63	337.18	23.45	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/21/91	360.63	--	--	--	--	--	--	--	--	--	<0.5	--	ND <sup>3</sup>
07/17/91	360.63	336.73	23.90	--	--	--	--	--	--	--	--	--	--
09/20/91	360.63	--	--	69	4.4	3.3	1.2	3.9	--	--	--	--	--
10/04/91	360.63	335.60	25.03	--	--	--	--	--	--	--	--	--	--
12/19/91	360.63	335.53	25.10	<50	0.9	2.8	1.7	5.9	--	--	--	--	--
03/19/92	360.63	337.89	22.74	<50	1.1	0.6	0.9	2.5	--	--	--	--	--
06/19/92	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
09/22/92	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
12/18/92	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
03/22/93	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
06/14/93	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
07/25/93	360.99	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
12/23/93 <sup>1</sup>	361.68	338.01	23.67	<50	0.9	0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	361.68	337.55	24.13	<50	0.5	1.1	<0.5	1.4	--	--	--	--	--
06/29/94	361.68	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
07/06/94	361.68	335.23	26.45	--	--	--	--	--	--	--	--	--	--
09/22/94	361.68	334.28	27.40	11,000	1,900	230	310	970	--	--	--	--	--
12/08/94	361.68	335.45	26.23	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
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7007 San Ramon Valley Boulevard  
Dublin, California

WELL ID/ DATE	TOC ( <i>µ</i> L)	GWE (msl)	DIW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>MW-7 (cont)</b>													
03/06/95	361.68	338.49	23.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/08/95	361.68	339.54	22.14	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/13/95	361.68	337.13	24.55	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/16/95	361.68	335.94	25.74	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/28/96	361.68	339.96	21.72	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/27/96	361.68	338.18	23.50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/30/96	361.68	336.48	25.20	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/30/96	361.68	337.80	23.88	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	361.68	338.69	22.99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	361.68	336.98	24.70	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
10/01/97	361.68	335.98	25.70	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
DISCONTINUED													
<b>MW-8</b>													
12/12/91	354.89	--	22.54	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/19/92	354.89	334.42	20.47	<50	1.2	1.4	0.5	2.9	--	--	--	--	--
09/22/92	354.89	325.09	29.80	180	17	42	6.0	31	--	--	--	--	--
12/18/92	354.89	333.71	21.18	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/10/93	354.89	--	--	<50	0.8	2.0	<0.5	2.0	--	--	--	--	--
03/22/93	354.89	337.98	16.91	--	--	--	--	--	--	--	--	--	--
06/14/93	354.89	330.59	24.30	--	--	--	--	--	--	--	--	--	--
07/25/93	354.89	331.12	23.77	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	354.89	334.49	20.40	<50	1.0	0.9	0.7	1.0	--	--	--	--	--
12/22/93	354.89	333.97	20.92	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	354.89	334.70	20.19	<50	0.9	1.5	<0.5	2.0	--	--	--	--	--
06/29/94	354.89	--	--	<50	<0.5	<0.5	<0.5	0.8	--	--	--	--	--
07/06/94	354.89	333.84	21.05	--	--	--	--	--	--	--	--	--	--
09/22/94	354.89	333.05	21.84	9,600	1,600	180	260	840	--	--	--	--	--
10/14/94	354.89	333.05	21.84	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/08/94	354.89	334.18	20.71	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/06/95	354.89	336.78	18.11	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/08/95	354.89	337.10	17.79	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--

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7007 San Ramon Valley Boulevard  
Dublin, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>MW-8 (cont)</b>													
09/13/95	354.89	335.09	19.80	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/16/95	354.89	334.43	20.46	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/28/96	354.89	339.47	15.42	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/27/96	354.89	335.81	19.08	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/30/96	360.58	340.28	20.30	<50	<0.5	<0.5	<0.5	0.6	<5.0	--	--	--	--
12/30/96	360.58	341.55	19.03	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	360.58	342.17	18.41	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	360.58	340.67	19.91	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
10/01/97	360.58	339.87	20.71	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
DISCONTINUED													
<b>MW-9</b>													
07/06/94 <sup>13</sup>	361.23	336.08	25.15	--	--	--	--	--	--	--	--	--	--
08/26/94	361.23	--	--	12,000	1,700	240	410	1,400	--	--	--	--	--
09/22/94	361.23	335.49	25.74	10,000	1,900	290	320	1,200	--	--	--	--	--
12/08/94	361.23	336.39	24.84	18,000	2,400	780	450	4,600	--	--	--	--	--
03/06/95	361.23	339.40	21.83	6,100	1,400	260	420	1,500	--	--	--	--	--
06/08/95	361.23	339.94	21.29	14,000	2,100	220	540	1,700	--	--	--	--	--
09/13/95	361.23	337.85	23.65	11,000	1,900	120	490	1,400	--	--	--	--	--
12/16/95	361.23	336.91	24.32	16,000	1,900	<0.5	680	1,200	<2.5	--	--	--	--
03/28/96	361.23	340.78	20.45	960	120	5.9	33	70	18	--	--	--	--
06/27/96	361.23	338.39	22.84	10,000	1,200	46	340	1,000	66	--	--	--	--
09/30/96	361.59	337.47	24.12	15,000	1,300	36	390	950	100	--	--	--	--
12/30/96	361.59	338.95	22.64	12,000	1,200	54	470	1,300	100	--	--	--	--
03/11/97	361.59	339.50	22.09	13,000	850	37	310	930	63	--	--	--	--
06/10/97	361.59	337.81	23.78	9,000	800	7.7	220	360	86	--	--	--	--
10/01/97	361.59	338.06	23.53	7,000	770	13	270	540	99	--	--	--	--
12/17/97	361.59	--	--	--	--	--	--	--	--	--	--	--	--
03/29/98	361.59	341.11	20.48	4,900	400	850	160	720	170	--	--	--	--
09/12/98	361.59	338.86	22.73	7,400	900	6.6	150	440	68	--	--	--	--
03/26/99	361.59	339.34	22.25	3,490	441	10.7	121	135	33.6	--	--	--	--
09/29/99	361.59	337.67	23.92	3,820	455	<20	66.5	46.6	<200	--	<2.0	<2.0	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5542  
 7007 San Ramon Valley Boulevard  
 Dublin, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
MW-9 (cont)													
03/17/00	361.59	340.20	21.39	4,680	510	<10	146	528	<100	--	--	--	--
08/28/00	361.59	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
02/25/01	361.59	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
09/17/01	361.59	336.69	24.90	7,700	540	2.7	89	81	<20	--	--	--	--
03/25/02	361.59	339.78	21.81	8,000	730	4.4	120	380	<13	--	--	--	--

## 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.

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

**EXPLANATIONS:**

Groundwater monitoring and laboratory analytical results prior to August 28, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing	B = Benzene	1,2-DCA = 1,2-Dichloroethane
(ft.) = Feet	T = Toluene	EDB = Ethylene dibromide
GWE = Groundwater Elevation	E = Ethylbenzene	HVOCs = Halogenated Volatile Organic Compounds
(msl) = Mean sea level	X = Xylenes	-- = Not Measured/Not Analyzed
DTW = Depth to Water	MTBE = Methyl tertiary butyl ether	(D) = Duplicate
TPH-G = Total Petroleum Hydrocarbons as Gasoline	TOG = Total Oil and Grease	(ppb) = Parts per billion

- 1 TOC elevation surveyed by Ron Miller, PE #15816, on January 13, 1994.
- 2 Monitoring well part of remediation system.
- 3 All other HVOCs were not detected at detection limits ranging from 0.5 to 1 ppb.
- 4 Sample analyzed for Volatile Organic Compounds (VOCs) by EPA method 8260. MTBE was detected at 10.1 ppb, and all other VOCs were ND ranging from <2.0 to <1000 ppb.
- 5 Oxygenate compounds were not detected.
- 6 Confirmation run.
- 7 Chromatogram pattern indicated an unidentified hydrocarbon.
- 8 Chloroform and Bromodichloromethane were detected at 1.3 and 0.9 ppb, respectively. Other HVOCs were not detected at detection limits ranging from 0.5 to 1 ppb.
- 9 TPH-G and BTEX results are estimated concentrations. Due to laboratory error, sample was analyzed past the recommended holding time. (GTEL).
- 10 Laboratory report indicates uncategorized compound is not included in gasoline concentration.
- 11 Sampled analyzed for VOCs by EPA method 8260, all other results were ND ranging from <40 to <20,000 ppb.
- 12 Uncategorized compound not included in gasoline total.
- 13 Monitoring well surveyed by Ron Miller, PE #15816, on July 5, 1994.
- 14 Gasoline range concentration reported. The chromatogram shows only a single peak in the gasoline range.
- 15 Laboratory report indicates gasoline C6-C12.

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5542  
 7007 San Ramon Valley Boulevard  
 Dublin, California

WELL ID/ DATE	TOC ( <i>µ</i> L)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>TRIP BLANK (cont)</b>													
03/26/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
09/29/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
08/28/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
02/25/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/17/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/25/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--

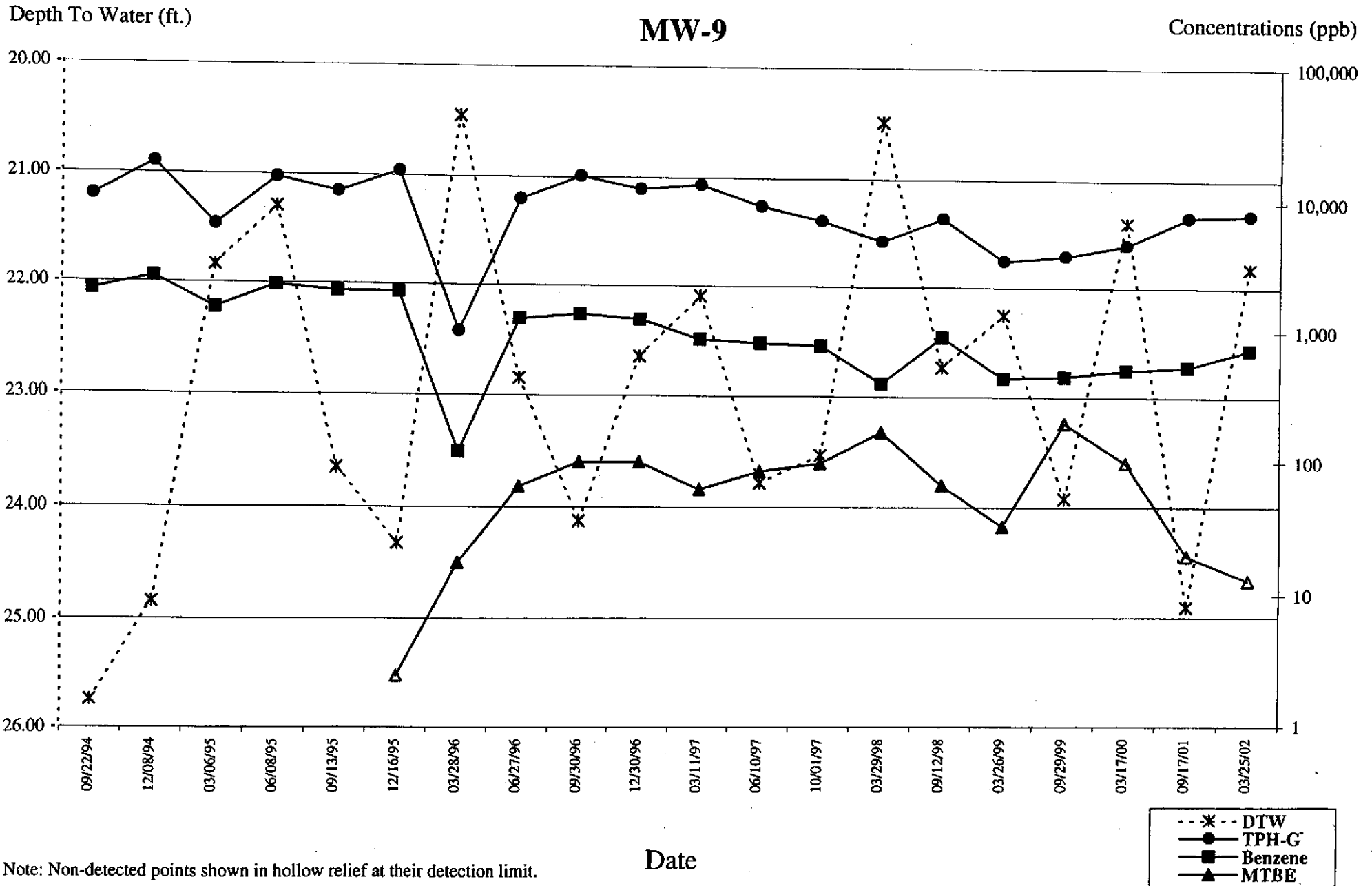
**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

WELL ID/ DATE	TOC ( <i>µ</i> L)	GWE (msl)	DTW (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>TRIP BLANK</b>													
05/31/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/21/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/20/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/19/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/19/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/19/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/22/92	--	--	--	92 <sup>14</sup>	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/18/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/10/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
07/01/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
07/06/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/22/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/08/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/06/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/08/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/13/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/16/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/27/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/30/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/30/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
06/10/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
10/01/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/29/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
09/12/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-5542  
7007 San Ramon Valley Boulevard  
Dublin, California

WELL ID/ DATE	TOC ( <i>µ</i> L)	GWE (msl)	DTW ( <i>ft.</i> )	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	1,2-DCA (ppb)	EDB (ppb)	HVOCs (ppb)
<b>MW-10</b>													
06/27/96	358.02	--	20.74	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/30/96	358.02	335.99	22.03	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/30/96	358.02	337.46	20.56	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
03/11/97	358.02	338.09	19.93	<50	<0.5	<0.5	<0.5	<0.5	7.0	--	--	--	--
06/10/97	358.02	336.37	21.65	<50	<0.5	<0.5	<0.5	<0.5	5.3	--	--	--	--
10/01/97	358.02	335.50	22.52	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	358.02	--	--	--	--	--	--	--	--	--	--	--	--
03/29/98	358.02	340.55	17.47	<50	<0.5	<0.5	<0.5	<0.5	4.3	--	--	--	--
09/12/98	358.02	337.39	20.63	<50	<0.5	<0.5	<0.5	<0.5	3.8	--	--	--	--
03/26/99	358.02	337.98	20.04	<50	<0.5	<0.5	<0.5	<0.5	4.15	--	--	--	--
09/29/99	358.02	336.30	21.72	5,020	547	<10	79.6	49.5	<100	--	--	--	--
03/17/00	358.02	338.67	19.35	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
08/28/00	358.02	335.88	22.14	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
02/25/01	358.02	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--
09/17/01	358.02	335.41	22.61	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/25/02	358.02	338.64	19.38	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
<b>BAILER BLANK</b>													
05/31/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/21/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/20/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/19/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/19/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
06/19/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/22/92	--	--	--	<50	<0.5	<0.5	<0.5	0.8	--	--	--	--	--
12/21/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/10/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	0.6	--	--	--	--	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
12/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Chevron Service Station #9-5542  
 7007 San Ramon Valley Boulevard  
 Dublin, California



Note: Non-detected points shown in hollow relief at their detection limit.

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

CHEVRON

Facility # 9-5542  
Address: 7007 San Ramon Valley Rd  
City: Dublin, CA

Job#: 385290  
Date: 3/25/02  
Sampler: G. Rogers

Well ID: MW-1  
Well Diameter: 2 (4) in.  
Total Depth: 50.25 ft.  
Depth to Water: 23.51 ft.

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

26.73 x VF 0.66 = 17.64 x 3 (case volume) = Estimated Purge Volume: 53 (gal.)

Purge Equipment: Disposable Bailer  
Stack  
Bailer  
Suction  
Grundfos  
Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
Bailer  
Pressure Bailer  
Grab Sample  
Other: \_\_\_\_\_

Starting Time: 1100  
Sampling Time: 1145  
Purging Flow Rate: ≈ 2.5 gpm.  
Did well de-water? No

Weather Conditions: Sunny  
Water Color: clear Odor: yes  
Sediment Description: \_\_\_\_\_  
If yes: Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1110</u>	<u>18</u>	<u>7.87</u>	<u>1296</u>	<u>18.6</u>			
<u>1122</u>	<u>36</u>	<u>7.53</u>	<u>1303</u>	<u>19.1</u>			
<u>1133</u>	<u>53</u>	<u>7.52</u>	<u>1238</u>	<u>20.3</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/bTEX/mtbe</u>

COMMENTS: New well depth taken



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

CHEVRON

Facility # 9-5542

Job#: 385290

Address: 7007 San Ramon Valley RD

Date: 3/25/02

City: Dublin, CA

Sampler: G. R. per

Well ID MW-4

Well Condition: OK

Well Diameter 8.14 in.

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

Total Depth 35.75 ft.

Depth to Water 22.57 ft.

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

1323 x VF 0.17 = 225 x 3 (case volume) = Estimated Purge Volume: 677 (gall.)

Purge Equipment: Disposable Bailer  
Bailer  
Stack  
Suction  
Grundfos  
Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
Bailer  
Pressure Bailer  
Grab Sample  
Other: \_\_\_\_\_

Starting Time: 1155

Weather Conditions: Sunny

Sampling Time: 1225

Water Color: grey Odor: yes

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 $^{\circ}\text{C}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1205</u>	<u>2</u>	<u>7.27</u>	<u>1207</u>	<u>20.7</u>			
<u>1210</u>	<u>4</u>	<u>7.52</u>	<u>1222</u>	<u>20.6</u>			
<u>1216</u>	<u>7</u>	<u>7.17</u>	<u>1220</u>	<u>20.6</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#): CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPHIG)/btex/mtbe</u>

COMMENTS: new well depth taken

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

CHEVRON

Facility # 9-5542  
Address: 7007 San Ramon Valley Rd  
City: Dublin, CA

Job#: 385290  
Date: 3/25/07  
Sampler: G. Payer

Well ID: MW-9  
Well Diameter: (8) 1.4 in.  
Total Depth: 33.55 ft.  
Depth to Water: 21.81 ft.

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

11.74 x VF 0.17 = 1.99 x 3 (case volume) = Estimated Purge Volume: 6 (gal.)

Purge Equipment: Disposable Bailer  
Stack  
Suction  
Grundfos  
Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
Bailer  
Pressure Bailer  
Grab Sample  
Other: \_\_\_\_\_

Starting Time: 1015  
Sampling Time: 1045  
Purging Flow Rate: ≈ 1.5 gpm.  
Did well de-water? no

Weather Conditions: Sunny  
Water Color: Clear      Odor: slight  
Sediment Description: \_\_\_\_\_  
If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>21020</u>	<u>2</u>	<u>7.86</u>	<u>1165</u>	<u>18.0</u>			
<u>41028</u>	<u>4</u>	<u>7.38</u>	<u>1111</u>	<u>18.4</u>			
<u>61035</u>	<u>6</u>	<u>7.20</u>	<u>1109</u>	<u>18.8</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#): CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/bTEX/mtbe</u>

COMMENTS: New well depth taken

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

CHEVRON

Facility # 9-5542

Job#: 385290

Address: 7007 San Ramon Valley Rd

Date: 3/25/02

City: Dublin, CA

Sampler: G. Lopez

Well ID MW-10

Well Condition: OK

Well Diameter 8.14 in.

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

Total Depth 39.65 ft.

Depth to Water 19.38 ft.

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

20.27 x VF 0.17 = 3.44 X 3 (case volume) = Estimated Purge Volume: 10.5 (gal.)

Purge Equipment: Disposable Bailer  
Bailer  
Stack  
Suction  
Grundfos  
Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
Bailer  
Pressure Bailer  
Grab Sample  
Other: \_\_\_\_\_

Starting Time: 915  
Sampling Time: 1000  
Purging Flow Rate: ~ 2 gpm.  
Did well de-water? NO

Weather Conditions: Sunny  
Water Color: Clear Odor: NO  
Sediment Description: \_\_\_\_\_  
If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature $^{\circ}\text{C}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>925</u>	<u>3.5</u>	<u>7.69</u>	<u>1503</u>	<u>16.1</u>			
<u>940</u>	<u>7.0</u>	<u>7.17</u>	<u>1499</u>	<u>17.0</u>			
<u>950</u>	<u>10.5</u>	<u>7.17</u>	<u>1457</u>	<u>18.2</u>			

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</u>	<u>2 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/bTEX/mtbe</u>

COMMENTS: new well depth taken

# Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only  
 Acct. #: 10905 Sample #: 3794756-60 SCR#: \_\_\_\_\_

260302-010

Facility #: 9-5542 Job #385290 Global ID #T0600100354  
 Site Address: 7007 SAN RAMON VALLEY RD, DUBLIN, CA  
 Chevron PM: Tom Bauhs Lead Consultant: Delta/G-R  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568  
 Consultant Prj. Mgr.: Deanna L. Harding (Deanna@grinc.com)  
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899  
 Sampler: Greg Rogers  
 Service Order #: \_\_\_\_\_  Non SAR:

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

**Preservative Codes**  
 H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>      B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>      O = Other

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

**8021 MTBE Confirmation**  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy s on highest hit  
 Run \_\_\_ oxy s on all hits

Sample Identification		Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTX + MTBE	8260	8021	TPH 8015 MOD	GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420	7421	
QA		3/25/02				X	X			2	X	X	X	X	X	X	X					
MW-1			1145	X		X	X			3	X	X	X	X	X	X	X					
MW-4			1225	X		X	X			3	X	X	X	X	X	X	X					
MW-9			1045	X		X	X			3	X	X	X	X	X	X	X					
MW-10			0915	X		X	X			3	X	X	X	X	X	X	X					

**Comments / Remarks**

**Turnaround Time Requested (TAT) (please circle)**

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

**Data Package Options (please circle if required)**

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

Relinquished by: <u>[Signature]</u>	Date: <u>3/25/02</u>	Time: _____	Received by: <u>[Signature]</u>	Date: <u>3/26/02</u>	Time: <u>1400</u>
Relinquished by: <u>[Signature]</u>	Date: <u>3/26/02</u>	Time: <u>1400</u>	Received by: <u>[Signature]</u>	Date: <u>3-26-02</u>	Time: <u>1425</u>
Relinquished by: <u>[Signature]</u>	Date: <u>3-26-02</u>	Time: <u>1530</u>	Received by: <u>[Signature]</u>	Date: _____	Time: _____
Relinquished by: Commercial Carrier: UPS      FedEx      Other: <u>Airborne</u>	Temperature Upon Receipt: <u>4/2/3 °C</u>		Received by: <u>[Signature]</u>	Date: <u>3/27/02</u>	Time: <u>0915</u>
			Custody Seals Intact? <u>Yes</u> No		



## Lancaster Laboratories

Where quality is a science.

### ANALYTICAL RESULTS

Prepared for:

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

RECEIVED

APR 24 2002

GETTLER-RYAN INC.  
GENERAL CONTRACTOR

Prepared by:

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

### SAMPLE GROUP

The sample group for this submittal is 801695. Samples arrived at the laboratory on Wednesday, March 27, 2002. The PO# for this group is 99011184 and the release number is BAUHS.

### Client Description

<u>Client Description</u>	<u>NA</u>	<u>Water</u>
QA-T-020325		
MW-1-W-020325	Grab	Water
MW-4-W-020325	Grab	Water
MW-9-W-020325	Grab	Water
MW-10-W-020325	Grab	Water

### Lancaster Labs Number

3794756  
3794757  
3794758  
3794759  
3794760

### METHODOLOGY

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

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding



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



## Lancaster Laboratories

*Where quality is a science.*

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

Respectfully Submitted,

*Steven A. Skiles*  
Steven A. Skiles  
Sr. Chemist



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



Lancaster Laboratories Sample No. **WW 3794756**

Collected: 03/25/2002 00:00

Account Number: 10905

Submitted: 03/27/2002 09:15  
 Reported: 04/03/2002 at 08:35  
 Discard: 05/04/2002  
 QA-T-020325                      NA                      Water

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

Facility# 95542    Job# 385290                      GRD  
 7007 SAN RAMON VAL-DUBLIN T0600100354    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	03/27/2002 23:44	Patrick N Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/27/2002 23:44	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/27/2002 23:44	Patrick N Evans	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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



Lancaster Laboratories Sample No. **WW 3794757**

Collected: 03/25/2002 11:45 by GR

Account Number: 10905

Submitted: 03/27/2002 09:15

Chevron Products Company

Reported: 04/03/2002 at 08:35

6001 Bollinger Canyon Road

Discard: 05/04/2002

Building L PO Box 6004

MW-1-W-020325 Grab Water

San Ramon CA 94583-0904

Facility# 95542 Job# 385290 GRD  
7007 SAN RAMON VAL-DUBLIN T0600100354 MW-1

M1007

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.	96,000.	5,000.	ug/l	100
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	11,000.	20.	ug/l	100
00777	Toluene	108-88-3	21,000.	20.	ug/l	100
00778	Ethylbenzene	100-41-4	2,500.	20.	ug/l	100
00779	Total Xylenes	1330-20-7	12,000.	60.	ug/l	100
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	100.	ug/l	100

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

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

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/28/2002 12:29	Patrick N Evans	100

#=Laboratory Method Detection Limit exceeds target detection limit

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



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





Lancaster Laboratories Sample No. WW 3794757

Collected: 03/25/2002 11:45 by GR

Account Number: 10905

Submitted: 03/27/2002 09:15

Chevron Products Company

Reported: 04/03/2002 at 08:35

6001 Bollinger Canyon Road

Discard: 05/04/2002

Building L PO Box 6004

MW-1-W-020325

Grab

Water

San Ramon CA 94583-0904

Facility# 95542 Job# 385290

GRD

7007 SAN RAMON VAL-DUBLIN T0600100354 MW-1

M1007

08214 BTEX, MTBE (8021)

SW-846 8021B

1

03/28/2002 12:29

Patrick N Evans

100

01146 GC VOA Water Prep

SW-846 5030B

1

03/28/2002 12:29

Patrick N Evans

n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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



Lancaster Laboratories Sample No. **WW 3794758**

Collected: 03/25/2002 12:25 by GR

Account Number: 10905

Submitted: 03/27/2002 09:15

Chevron Products Company

Reported: 04/03/2002 at 08:35

6001 Bollinger Canyon Road

Discard: 05/04/2002

Building L PO Box 6004

MW-4-W-020325 Grab Water

San Ramon CA 94583-0904

Facility# 95542 Job# 385290 GRD

7007 SAN RAMON VAL-DUBLIN T0600100354 MW-4

M4007

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.	5,400.	250.	ug/l	5
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	720.	1.0	ug/l	5
00777	Toluene	108-88-3	53.	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	230.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	390.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	13.	ug/l	5

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

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

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/28/2002 13:03	Patrick N Evans	5

#=Laboratory Method Detection Limit exceeded target detection limit

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



PO Box 12425  
Lancaster, PA 17605-2425  
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Lancaster Laboratories Sample No. WW 3794758

Collected: 03/25/2002 12:25 by GR

Account Number: 10905

Submitted: 03/27/2002 09:15

Chevron Products Company

Reported: 04/03/2002 at 08:35

6001 Bollinger Canyon Road

Discard: 05/04/2002

Building L PO Box 6004

MW-4-W-020325

Grab

Water

San Ramon CA 94583-0904

Facility# 95542 Job# 385290

GRD

7007 SAN RAMON VAL-DUBLIN T0600100354 MW-4

M4007

08214 BTEX, MTBE (8021)

SW-846 8021B

1

03/28/2002 13:03

Patrick N Evans

5

01146 GC VOA Water Prep

SW-846 5030B

1

03/28/2002 13:03

Patrick N Evans

n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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



Lancaster Laboratories Sample No. WW 3794759

Collected: 03/25/2002 10:45 by GR

Account Number: 10905

Submitted: 03/27/2002 09:15

Chevron Products Company

Reported: 04/03/2002 at 08:35

6001 Bollinger Canyon Road

Discard: 05/04/2002

Building L PO Box 6004

MW-9-W-020325

Grab Water

San Ramon CA 94583-0904

Facility# 95542 Job# 385290 GRD

7007 SAN RAMON VAL-DUBLIN T0600100354 MW-9

M9007

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.	8,000.	250.	ug/l	5
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	730.	1.0	ug/l	5
00777	Toluene	108-88-3	4.4	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	120.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	380.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	13.	ug/l	5

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

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

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/28/2002 13:38	Patrick N Evans	5

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



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



Lancaster Laboratories Sample No. WW 3794759

Collected: 03/25/2002 10:45 by GR

Account Number: 10905

Submitted: 03/27/2002 09:15

Chevron Products Company

Reported: 04/03/2002 at 08:35

6001 Bollinger Canyon Road

Discard: 05/04/2002

Building L PO Box 6004

MW-9-W-020325

Grab

Water

San Ramon CA 94583-0904

Facility# 95542 Job# 385290 GRD

7007 SAN RAMON VAL-DUBLIN T0600100354 MW-9

M9007

08214 BTEX, MTBE (8021)

SW-846 8021B

1 03/28/2002 13:38

Patrick N Evans

5

01146 GC VOA Water Prep

SW-846 5030B

1 03/28/2002 13:38

Patrick N Evans

n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

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



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



Lancaster Laboratories Sample No. **WW 3794760**

Collected: 03/25/2002 09:15 by GR

Account Number: 10905

Submitted: 03/27/2002 09:15  
 Reported: 04/03/2002 at 08:35  
 Discard: 05/04/2002  
 MW-10-W-020325 Grab Water

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

Facility# 95542 Job# 385290 GRD  
 7007 SAN RAMON VAL-DUBLIN T0600100354 MW-10

10007

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	03/28/2002 14:13	Patrick N Evans	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/28/2002 14:13	Patrick N Evans	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/28/2002 14:13	Patrick N Evans	n.a.

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



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



### Quality Control Summary

Client Name: Chevron Products Company  
 Reported: 04/03/02 at 08:36 AM

Group Number: 801695

#### Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 02086A51A      Sample number(s): 3794756								
Benzene	N.D.	0.5	ug/l	104	100	80-118	4	30
Toluene	N.D.	0.5	ug/l	103	99	82-119	4	30
Ethylbenzene	N.D.	0.5	ug/l	102	97	81-119	5	30
Total Xylenes	N.D.	1.5	ug/l	102	98	82-120	5	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	107	111	79-127	3	30
TPH-GRO - Waters	N.D.	50.	ug/l	98	98	76-126	0	30
Batch number: 02086A51B      Sample number(s): 3794757-3794760								
Benzene	N.D.	0.5	ug/l	104	100	80-118	4	30
Toluene	N.D.	0.5	ug/l	103	99	82-119	4	30
Ethylbenzene	N.D.	0.5	ug/l	102	97	81-119	5	30
Total Xylenes	N.D.	1.5	ug/l	102	98	82-120	5	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	107	111	79-127	3	30
TPH-GRO - Waters	N.D.	50.	ug/l	98	98	76-126	0	30

#### Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 02086A51A      Sample number(s): 3794756									
Benzene	122		77-131						
Toluene	115		80-128						
Ethylbenzene	115		76-132						
Total Xylenes	114		76-132						
Methyl tert-Butyl Ether	95		61-144						
TPH-GRO - Waters	105		74-132						
Batch number: 02086A51B      Sample number(s): 3794757-3794760									
Benzene	122		77-131						
Toluene	115		80-128						
Ethylbenzene	115		76-132						
Total Xylenes	114		76-132						
Methyl tert-Butyl Ether	95		61-144						
TPH-GRO - Waters	105		74-132						

#### Surrogate Quality Control

Analysis Name: TPH-GRO - Waters  
 Batch number: 02086A51A

	Trifluorotoluene-F	Trifluorotoluene-P
3794756	102	98
Blank	102	99

\*- 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

Where quality is a science

### Quality Control Summary

Client Name: Chevron Products Company  
Reported: 04/03/02 at 08:36 AM

Group Number: 801695

#### Surrogate Quality Control

LCS	115	99
LCSD	115	99
MS	113	99

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Limits: 67-135 71-130

Analysis Name: TPH-GRO - Waters  
Batch number: 02086A51B

	Trifluorotoluene-F	Trifluorotoluene-P
3794757	103	103
3794758	114	111
3794759	123	115
3794760	101	98
Blank	101	98
LCS	115	99
LCSD	115	99
MS	113	99

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