GETTLER-RYAN INC.

May 2, 1996 Job #5290.80

Mr. Brett Hunter
Chevron USA Products Company
P.O. Box 5004
San Ramon, CA 94583

Re: Chevron Service Station #9-5542
7007 San Ramon Valley Road
Dublin, California

Dear Mr. Hunter:

This report documents the quarterly groundwater sampling event performed by Gettler-Ryan Inc. (G-R). On March 28, 1996, field personnel were on-site to monitor and sample eight wells (MW-1 through MW-4 and MW-6 through MW-9) at Chevron Service Station #9-5542 located at 7007 San Ramon Valley Road in Dublin, California. One well, MW-5, was not located due to street widening work.

Static groundwater levels were measured on March 28, 1996. All wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any of the site wells. Static water level data and groundwater elevations are presented in Table 1. A potentiometric map is included as Figure 1.

Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Quarterly Groundwater Sampling (attached). The field data sheets forms for this event are also attached. The samples were analyzed by GTEL Environmental Laboratories, Inc. Analytical results are presented in Table 1. The chain of custody document and laboratory analytical reports are enclosed.

Thank you for allowing Gettler-Ryan to provide environmental services to Chevron. Please call if you have any questions or comments regarding this report.

Sincerely,

Deanna L. Harding
Project Coordinator

Penny L. Silzer
Senior Geologist, R.G. No. 5523

REGISTERED GEOLOGIST
Penny L. Silzer
No. 5523
STATE OF CALIFORNIA

DLH/PLS/dlh
5290.QML

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

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ENVIRONMENTAL PROTECTION

6747 Sierra Court, Suite J • Dublin, California 94568 • (510) 551-7555

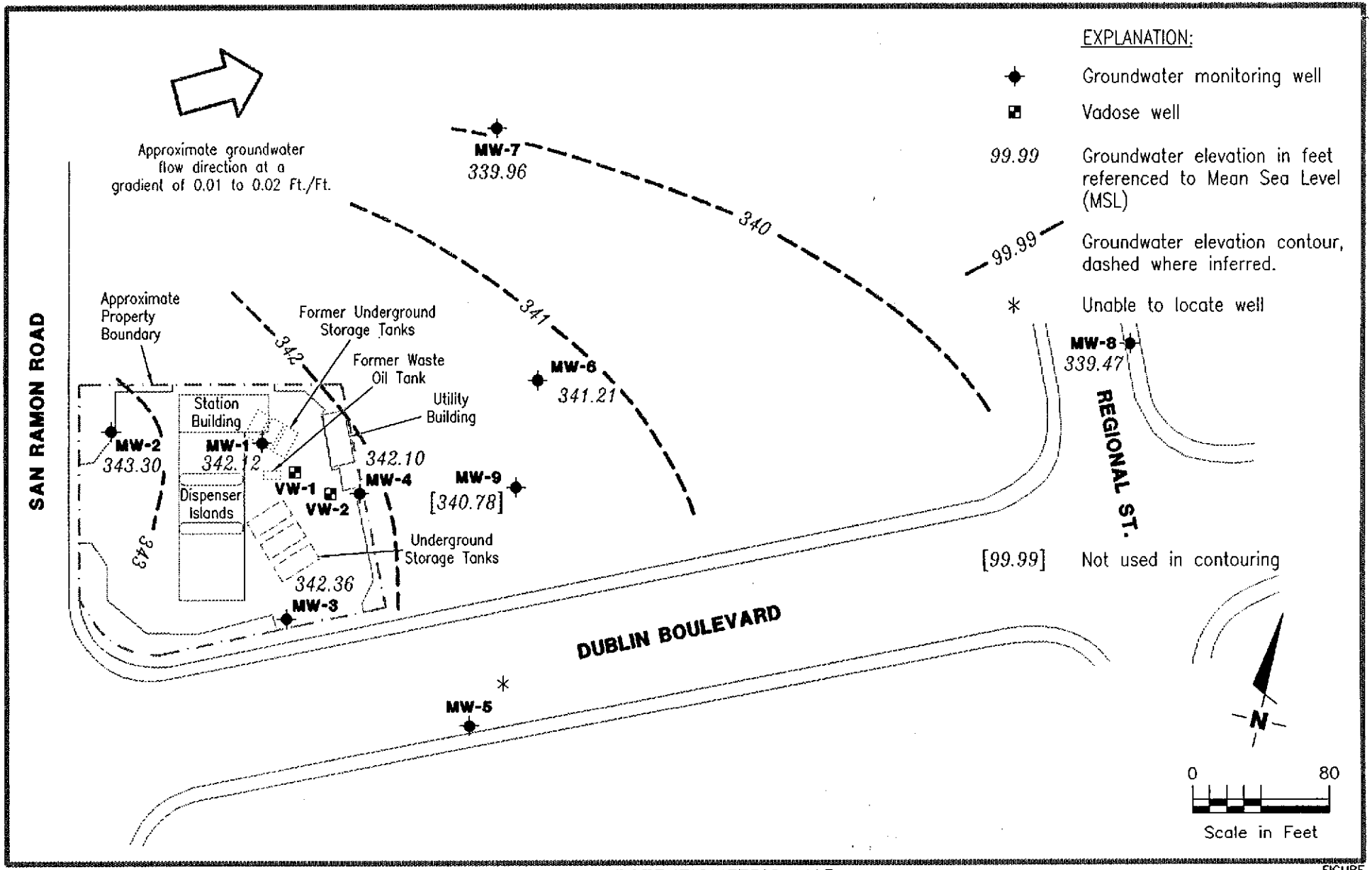

FIGURE 1

Gettler - Ryan Inc.

6747 Sierra Ct., Suite J (510) 551-7555
Dublin, CA 94568

POTENTIOMETRIC MAP
Chevron Service Station No. 9-5542
7007 San Ramon Road
Dublin, California

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
5290		March 28, 1996	

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-5542, 7007 San Ramon Valley Road, Dublin, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	O&G	B	T	E	X	MTBE	Other HVOCs	1,2-DCA	EDB
						<			ppb					>
MW-1/	4/3-4/90	---	---	---	46,000	---	8,400	7,400	860	5,600	---	---	---	1.04
(D)	4/3-4/90	---	---	---	43,000	---	8,400	7,200	840	5,200	---	---	---	1.1
363.98[1]	5/31/91	25.67	338.31	0	31,000	---	7,400	2,500	630	2,100	---	ND[8]	2	---
	5/31/91	---	---	---	---	<5,000	---	---	---	---	---	---	---	---
	6/21/91	26.23	337.75	0	---	---	---	---	---	---	---	---	---	---
	7/17/91	26.53	337.45	0	---	---	---	---	---	---	---	---	---	---
	9/20/91	---	---	---	31,000	---	3,000	2,800	610	3,100	---	ND[8]	0.6	---
	10/4/91	27.90	336.08	0	---	---	---	---	---	---	---	---	---	---
	12/19/91	28.12	335.86	0	20,000	---	5,200	1,700	560	2,000	---	ND[8]	3.3	---
	3/19/92	24.63	339.35	0	30,000	---	8,500	3,600	590	2,400	---	ND[8]	2.7	---
364.32[2]	6/19/92	26.23	338.09	0	25,000	---	1,100	2,000	520	1,800	---	---	---	---
	9/22/92	27.73	336.59	0	21,000	---	8,000	3,500	670	2,900	---	---	---	---
	12/18/92	26.76	337.56	0	79,000	---	12,000	12,000	1,600	8,500	---	---	---	---
	3/10/93[6,13]	---	---	---	45,000	---	16,000	14,000	1,100	5,500	---	---	---	---
	3/22/93[4]	---	---	---	---	---	---	---	---	---	---	---	---	---
	6/14/93[4]	---	---	---	---	---	---	---	---	---	---	---	---	---
	7/25/93[4]	---	---	---	---	---	---	---	---	---	---	---	---	---
	9/23/93[4]	---	---	---	---	---	---	---	---	---	---	---	---	---
	3/21/94	26.16	338.16	0	5,900	---	1,600	560	140	330	---	---	---	---
	7/6/94	27.20	337.12	0	---	---	---	---	---	---	---	---	---	---
	8/26/94	---	---	---	20,000	---	5,300	4,900	610	2,900	---	---	---	---
	9/22/94	27.44	336.88	0	42,000	---	10,000	8,300	1,000	4,900	---	---	---	---
	12/8/94	26.70	337.62	---	38,000	---	9,000	7,700	830	3,800	---	---	---	---
	3/6/95	23.68	340.64	0	47,000	---	9,400	7,100	750	3,400	---	---	---	---
	6/8/95	22.68	341.64	0	170,000	---	29,000	29,000	2,600	13,000	---	---	---	---
	9/13/95	25.10	339.22	0	39,000	---	11,000	10,000	1,100	4,900	---	---	---	---
	12/16/95	26.08	338.24	0	40,000	---	7,000	6,300	570	2,500	<2.5	---	---	---
	3/28/96	**22.20**	**342.12**	**0**	**16,000**	---	**3,700**	**3,200**	**330**	**1,500**	**<120**	---	---	---
MW-2/	4/3-4/90	---	---	---	<50	---	<0.3	<0.3	<0.3	<0.6	---	---	---	<0.02
364.19[1]	5/31/91	25.51	338.68	0	100	---	3.1	4.2	0.7	2.0	---	ND[8]	<0.5	---
	5/31/91	---	---	---	---	<5,000	---	---	---	---	---	---	---	---
	6/21/91	26.13	338.06	0	---	---	---	---	---	---	---	---	---	---
	7/17/91	26.46	337.73	0	---	---	---	---	---	---	---	---	---	---
	9/20/91	---	---	---	68	---	1.3	1.6	0.8	3.0	---	---	---	---
	10/4/91	27.79	336.40	0	---	---	---	---	---	---	---	---	---	---
	12/19/91	28.06	336.13	0	<50	---	0.6	1.2	0.8	2.5	---	---	---	---
	3/19/92	24.46	339.73	0	<50	---	2.5	2.0	1.1	2.4	---	---	---	---
364.64[2]	6/19/92	26.10	338.54	0	<50	---	<0.5	0.6	0.7	1.2	---	---	---	---
	9/22/92	27.60	337.04	0	200	---	16	42	6.1	32	---	---	---	---
	12/18/92	26.32	338.32	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/22/93	21.39	343.29	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-5542, 7007 San Ramon Valley Road, Dublin, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	O&G	B	T	E	X	MTBE	Other HVOCs	1,2-DCA	EDB
						<----	----	----	----	ppb----	----	----	--->	
MW-2	6/14/93	25.15	339.49	0	---	---	---	---	---	---	---	---	---	---
(cont)	7/25/93	24.52	340.12	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/23/93	25.63	339.01	0	72	---	12	4	6	8	---	---	---	---
	12/22/93	26.34	338.30	0	1,600	---	25	<0.5	3.8	4.8	---	---	---	---
	3/21/94	25.83	338.81	0	<50	---	0.7	3.3	<0.5	1.9	---	---	---	---
	6/29/94	---	---	---	52	---	0.8	0.9	0.8	1.9	---	---	---	---
	7/6/94	26.70	337.94	0	---	---	---	---	---	---	---	---	---	---
	9/22/94	26.82	337.82	0	<50	---	0.7	<0.5	<0.5	0.6	---	---	---	---
	12/8/94	26.28	338.36	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/6/95	23.27	341.37	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/8/95	22.38	342.26	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/13/95	24.95	339.95	0	<50	---	<0.5	0.8	<0.5	0.8	---	---	---	---
	12/16/95	25.78	338.86	0	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---
	3/28/96	**21.34**	**343.30**	**0**	**<50**	**---**	**0.8**	**5.6**	**1.0**	**6.2**	**<5.0**	**---**	**---**	**---**
MW-3/	4/3-4/90	---	---	---	2,200	---	36	5	6	17	---	---	---	<0.02
361.92[1]	5/31/91	23.20	338.72	0	2,200	---	130	11	31	78	---	ND[8]	19	---
	5/31/91	---	---	---	---	<5,000	---	---	---	---	---	---	---	---
	6/21/91	24.13	337.79	0	---	---	---	---	---	---	---	---	---	---
	7/17/91	24.59	337.73	0	---	---	---	---	---	---	---	---	---	---
	9/20/91	25.98	335.94	0	2,200	---	190	6.0	24	32	---	---	---	---
	12/19/91	26.24	335.68	0	640	---	73	27	17	56	---	---	---	---
	3/19/92	22.46	339.46	0	4,500	---	1,000	15	91	240	---	---	---	---
362.26[2]	6/19/92	24.32	337.94	0	1,100	---	89	3.3	9.1	13	---	---	---	---
	9/22/92	25.84	336.42	0	1,400	---	81	51	15	49	---	---	---	---
	12/18/92	24.40	337.86	0	1,100	---	2.0	1.1	53	38	---	---	---	---
	3/22/93	19.72	342.54	0	1,600	---	96	9	14	91	---	---	---	---
	6/14/93	23.52	338.74	0	---	---	---	---	---	---	---	---	---	---
	7/25/93	23.21	339.05	0	1,200	---	19	6	2	5	---	---	---	---
	9/23/93	24.02	338.24	0	1,500	---	35	<0.5	5	13	---	---	---	---
	12/22/93	24.67	337.59	0	1,500	---	26	<0.5	3.9	4.9	---	---	---	---
	3/21/94	24.05	338.21	0	1,400	---	22	14	1.1	5.3	---	---	---	---
	6/29/94	---	---	---	1,700	---	90	6.1	20	81	---	---	---	---
	7/6/94	25.08	337.18	0	---	---	---	---	---	---	---	---	---	---
	9/22/94	24.78	337.48	0	2,600	---	72	7.6	110	370	---	---	---	---
	12/8/94	24.35	337.91	0	2,700	---	32	<0.5	100	140	---	---	---	---
	3/6/95	21.47	340.79	0	1,000	---	4.0	9.9	8.8	7.7	---	---	---	---
	6/8/95	20.99	341.27	0	1,500	---	13	3.2	12	17	---	---	---	---
	9/13/95	23.51	338.75	0	2,100	---	12	79	76	420	---	---	---	---
	12/16/95	24.00	338.26	0	650	---	<0.50	<0.50	4.4	6.5	12	---	---	---
	3/28/96	**19.90**	**342.36**	**0**	**1,500**	**---**	**4.3**	**6.5**	**60**	**100**	**15**	**---**	**---**	**---**

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-5542, 7007 San Ramon Valley Road, Dublin, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	O&G	B	T	E	X	MTBE	Other HVOCs	1,2-DCA	EDB
						<			ppb					>
MW-4/	4/3-4/90	---	---	---	43,000	18,000	4,000	5,000	790	5,500	---	---	---	<0.02
	4/3-4/90	---	---	---	---	---	6,000	8,200	1,500	---	---	---	---	---
362.70[1]	5/31/91	24.67	338.03	0	34,000	---	2,900	2,900	680	3,300	---	ND[8]	<0.5	---
	5/31/91	---	---	---	<5,000	---	---	---	---	---	---	---	---	---
	6/21/91	25.31	337.39	0	---	---	---	---	---	---	---	---	---	---
	7/17/91	25.73	336.97	0	---	---	---	---	---	---	---	---	---	---
	9/20/91	---	---	---	37,000	---	4,000	3,200	580	3,000	---	ND[8]	9.2	---
	10/4/91	27.08	335.62	0	---	---	---	---	---	---	---	---	---	---
	12/19/91	27.24	335.46	0	41,000	---	5,500	4,900	1,000	4,400	---	ND[8]	17	---
	3/19/92	23.66	339.04	0	21,000	---	3,800	2,900	500	3,200	---	ND[9]	15	---
363.07[2]	6/19/92	25.33	337.74	0	27,000	<5,000	1,800	1,600	570	1,900	---	---	---	---
	9/22/92	26.90	336.17	0	20,000	<5,000	4,100	2,700	670	3,200	---	---	---	---
	12/18/92	25.62	337.45	0	15,000	<5,000	2,200	2,000	370	1,600	---	---	---	---
	3/22/93	20.80	342.27	0	41,000	5,000	3,900	5,100	840	4,500	---	---	---	---
	6/14/93	25.73	337.34	0	---	---	---	---	---	---	---	---	---	---
	7/25/93	24.02	339.05	0	94,000	<5,000	18,000	30,000	2,400	14,000	---	---	---	---
	9/23/93	25.00	338.07	0	23,000	<5,000	4,700	2,000	900	4,600	---	---	---	---
	12/22/93	25.72	337.35	0	18,000	<5,000	2,800	1,300	420	1,700	---	---	---	---
	3/21/94	25.09	337.98	0	21,000	<5,000	2,800	1,700	540	1,900	---	---	---	---
	6/29/94	---	---	---	25,000	<5,000	4,000	2,600	960	3,300	---	---	---	---
	7/6/94	26.11	336.96	0	---	---	---	---	---	---	---	---	---	---
	9/22/94	26.54	336.53	0	45,000	<5,000	11,000	8,800	1,000	5,100	---	---	---	---
	12/8/94[14]	25.55	337.52	0	6,700	<5,000	1,200	720	34	1,100	---	---	---	---
	3/6/95	22.64	340.43	0	8,900	---	1,400	540	350	940	---	---	---	---
	6/8/95	22.01	341.06	0	15,000	---	2,000	1,500	400	1,500	---	---	---	---
	9/13/95	24.42	338.65	0	10,000[15]	---	3,100	670	500	1,400	---	---	---	---
	12/16/95	25.18	337.89	0	15,000	---	2,900	960	420	1,200	<2.5	---	---	---
	3/28/96	**20.97**	**342.10**	**0**	**8,600**	---	**1,300**	**920**	**330**	**1,100**	**<10**	---	---	---
MW-5/														
359.95[1]	6/21/91	23.17	336.78	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/21/91	---	---	---	---	---	---	---	---	---	---	ND[8]	<0.5	---
	7/17/91	23.68	336.27	0	---	---	---	---	---	---	---	---	---	---
	9/20/91	---	---	---	170[10]	---	0.8	0.9	<0.5	1.5	---	---	---	---
	10/4/91	25.20	334.75	0	---	---	---	---	---	---	---	---	---	---
	12/19/91	25.20	334.75	0	<50	---	0.7	0.7	<0.5	1.4	---	---	---	---
	3/19/92	21.21	338.74	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
360.28[2]	6/19/92	23.42	336.86	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/22/92	24.97	335.31	0	150	---	13	34	5.0	26	---	---	---	---
	12/18/92	23.52	336.76	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/10/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/22/93	19.10	341.18	0	---	---	---	---	---	---	---	---	---	---

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-5542, 7007 San Ramon Valley Road, Dublin, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	O&G	B	T	E	X	MTBE	Other HVOCs	1,2-DCA	EDB
						<---	---	---	---	ppb	---	---	--->	
MW-5 (cont)	6/14/93	22.71	337.57	0	---	---	---	---	---	---	---	---	---	---
	7/25/93	21.99	338.29	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/23/93	23.48	336.80	0	<50	---	3	1	1	2	---	---	---	---
	12/22/93	23.98	336.30	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/21/94	23.18	337.10	0	<50	---	2.4	1.4	<0.5	2	---	---	---	---
	6/29/94	---	---	---	<50	---	<0.5	<0.5	<0.5	1.0	---	---	---	---
	7/6/94	24.41	335.87	0	---	---	---	---	---	---	---	---	---	---
	9/22/94	24.78	335.50	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/8/94	23.42	336.86	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/6/95	20.65	339.63	0	67	---	1.9	2.5	4.7	19	---	---	---	---
	6/8/95	20.76	339.52	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/13/95	23.16	337.12	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/16/95		Unable to locate		---	---	---	---	---	---	---	---	---	---
	3/28/96		**Unable to locate**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
MW-6/ 360.22[1]	6/21/91	23.55	336.67	0	3,700	---	50	2.6	150	340	---	---	---	---
	6/21/91	---	---	---	---	---	---	---	---	---	---	ND[8]	<0.5	---
	7/17/91	24.00	336.22	0	---	---	---	---	---	---	---	---	---	---
	9/20/91	---	---	---	3,200	---	28	<0.5	140	100	---	---	---	---
	10/4/91	25.29	334.93	0	---	---	---	---	---	---	---	---	---	---
	12/19/91	25.34	334.88	0	380	---	2.7	4.0	15	10	---	---	---	---
	3/19/92	22.05	338.17	0	3,400	---	57	4.5	330	360	---	---	---	---
360.58[2]	6/19/92	23.52	337.06	0	980	---	11	4.2	57	38	---	---	---	---
	9/22/92	25.60	334.98	0	1,100	---	22	41	77	58	---	---	---	---
	12/18/92	24.18	336.40	0	1,900	---	3.2	1.3	58	47	---	---	---	---
	3/10/93	---	---	---	1,400	---	30	9	8	22	---	---	---	---
	3/22/93	19.36	341.22	0	---	---	---	---	---	---	---	---	---	---
	6/14/93	23.48	337.10	0	---	---	---	---	---	---	---	---	---	---
	7/25/93	22.30	338.28	0	83[11]	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/23/93	23.20	337.38	0	200	---	6	2	3	3	---	---	---	---
	12/22/93	23.91	336.67	0	130	---	<0.5	1.8	1.2	1.5	---	---	---	---
	3/21/94	23.27	337.31	0	290	---	3	10	1.6	4.7	---	---	---	---
	6/29/94	---	---	---	300	---	0.6	1.2	2.4	4.6	---	---	---	---
	7/6/94	24.27	336.31	0	---	---	---	---	---	---	---	---	---	---
	9/22/94	24.84	335.74	0	2,300	---	58	3.6	100	290	---	---	---	---
	12/8/94	23.85	336.73	0	<50	---	<0.5	<0.5	<0.5	0.9	---	---	---	---
	3/6/95	20.91	339.67	0	360	---	2.0	3.6	0.9	2.3	---	---	---	---
	6/8/95	20.18	340.40	0	230	---	<0.5	<0.5	1.0	1.6	---	---	---	---
	9/13/95	23.53	337.05	0	88	---	<0.5	<0.5	<0.5	1.1	---	---	---	---
	12/16/95	23.38	337.20	0	<50	---	<0.50	<0.50	<0.50	<0.50	7.3	---	---	---
	3/28/96	**19.37**	**341.21**	**0**	**130**	**---**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**9.2**	**---**	**---**	**---**

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-5542, 7007 San Ramon Valley Road, Dublin, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	O&G	B	T	E	X	MTBE	Other HVOCs	1,2-DCA	EDB
						<--------			ppb					-------->
MW-7/														
360.63[1]	6/21/91	23.45	337.18	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/21/91	---	---	---	---	---	---	---	---	---	---	ND[8]	<0.5	---
	7/17/91	23.90	336.73	0	---	---	---	---	---	---	---	---	---	---
	9/20/91	---	---	---	69	---	4.4	3.3	1.2	3.9	---	---	---	---
	10/4/91	25.03	335.60	0	---	---	---	---	---	---	---	---	---	---
	12/19/91	25.10	335.53	0	<50	---	0.9	2.8	1.7	5.9	---	---	---	---
	3/19/92	22.74	337.89	0	<50	---	1.1	0.6	0.9	2.5	---	---	---	---
360.99[2]	6/19/92[5]	---	---	---	---	---	---	---	---	---	---	---	---	---
	9/22/92[5]	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/18/92[5]	---	---	---	---	---	---	---	---	---	---	---	---	---
	3/22/93[5]	---	---	---	---	---	---	---	---	---	---	---	---	---
	6/14/93[5]	---	---	---	---	---	---	---	---	---	---	---	---	---
	7/25/93[5]	---	---	---	---	---	---	---	---	---	---	---	---	---
361.68[6]	12/23/93	23.67	338.01	0	<50	---	0.9	0.5	<0.5	<0.5	---	---	---	---
	3/21/94	24.13	337.55	0	<50	---	0.5	1.1	<0.5	1.4	---	---	---	---
	6/29/94	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	7/6/94	26.45	335.23	0	---	---	---	---	---	---	---	---	---	---
	9/22/94	27.40	334.28	0	11,000	---	1,900	230	310	970	---	---	---	---
	12/8/94	26.23	335.45	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/6/95	23.19	338.49	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/8/95	22.14	339.54	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/13/95	24.55	337.13	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/16/95	25.74	335.94	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/28/96	**21.72**	**339.96**	**0**	**<50**	**---**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**---**	**---**	**---**
MW-8/														
---	12/12/91	22.54	---	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
354.89[2]	6/19/92	20.47	334.42	0	<50	---	1.2	1.4	0.5	2.9	---	---	---	---
	9/22/92	29.80	325.09	0	180	---	17	42	6.0	31	---	---	---	---
	12/18/92	21.18	333.71	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/10/93	---	---	---	<50	---	0.8	2	<0.5	2	---	---	---	---
	3/22/93	16.91	337.98	0	---	---	---	---	---	---	---	---	---	---
	6/14/93	24.30	330.59	0	---	---	---	---	---	---	---	---	---	---
	7/25/93	23.77	331.12	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/23/93	20.40	334.49	0	<50	---	1	0.9	0.7	1	---	---	---	---
	12/22/93	20.92	333.97	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/21/94	20.19	334.70	0	<50	---	0.9	1.5	<0.5	2	---	---	---	---
	6/29/94	---	---	---	<50	---	<0.5	<0.5	<0.5	0.8	---	---	---	---
	7/6/94	21.05	333.84	0	---	---	---	---	---	---	---	---	---	---
	9/22/94	21.84	333.05	0	9,600	---	1,600	180	260	840	---	---	---	---
	10/14/94	21.84	333.05	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-5542, 7007 San Ramon Valley Road, Dublin, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	O&G	B	T	E	X	MTBE	Other HVOCs	1,2-DCA	EDB
							ppb							
MW-8 (cont)	12/8/94	20.71	334.18	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/6/95	18.11	336.78	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/8/95	17.79	337.10	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/13/95	19.80	335.09	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/16/95	20.46	334.43	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/28/96	**15.42**	**339.47**	**0**	**<50**	**---**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**---**	**---**	**---**
MW-9/ 361.23[7]	7/6/94	25.15	336.08	0	---	---	---	---	---	---	---	---	---	---
	8/26/94	---	---	---	12,000	---	1,700	240	410	1,400	---	---	---	---
	9/22/94	25.74	335.49	0	10,000	---	1,900	290	320	1,200	---	---	---	---
	12/8/94	24.84	336.39	0	18,000	---	2,400	780	450	4,600	---	---	---	---
	3/6/95	21.83	339.40	0	6,100	---	1,400	260	420	1,500	---	---	---	---
	6/8/95	21.29	339.94	0	14,000	---	2,100	220	540	1,700	---	---	---	---
	9/13/95	23.65	337.85	0	11,000	---	1,900	120	490	1,400	---	---	---	---
	12/16/95	24.32	336.91	0	16,000	---	1,900	<0.50	680	1,200	<2.5	---	---	---
	3/28/96	**20.45**	**340.78**	**0**	**960**	**---**	**120**	**5.9**	**33**	**70**	**18**	**---**	**---**	**---**
Trip Blank MW-AA	5/31/91	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/21/91	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/20/91	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/19/91	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/19/92	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
TB-LB	6/19/92	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/22/92	---	---	---	92[12]	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/18/92	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/10/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/22/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	7/25/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/23/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/22/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/21/94	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/29/94	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	7/1/94	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	7/6/94	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/22/94	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/8/94	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/6/95	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/8/95	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/13/95	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/16/95	---	---	---	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---
	3/28/96	**---**	**---**	**---**	**<50**	**---**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<5.0**	**---**	**---**	**---**

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-5542, 7007 San Ramon Valley Road, Dublin, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	O&G	B	T	E	X	MTBE	Other HVOCs	1,2-DCA	EDB
						<--------			ppb					-------->
Bailer Blank	5/31/91	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
MW-BB	6/21/91	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/20/91	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/19/91	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/19/92	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	6/19/92	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/22/92	---	---	---	<50	---	<0.5	<0.5	<0.5	0.8	---	---	---	---
	12/21/92	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/10/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/22/93	---	---	---	<50	---	<0.5	<0.5	<0.5	0.6	---	---	---	---
	7/25/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	9/23/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	12/22/93	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
	3/21/94	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---

Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-5542, 7007 San Ramon Valley Road, Dublin, California (continued)

EXPLANATION:

DTW = Depth to water
TOC = Top of casing elevation
GWE = Ground water elevation
msl = Measurements referenced relative to mean sea level
TPH(G) = Total Purgeable Petroleum Hydrocarbons as Gasoline
O&G = Oil and Grease
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl-teritary-butyl ether
HVOCs = Halogenated Volatile Organic Compounds
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide
ppb = Parts per billion
D = Duplicate sample
ND = Not detected (see notes)
--- = Not available/not applicable

ANALYTICAL METHODS:

EPA Method 8015/5030 for TPH(G)
EPA Method 602 for BTEX
EPA Method 504 for EDB
EPA Method 8020 for BTEX & MTBE
EPA Method 8010 for HVOCs
Standards Methods Method 503E for O&G
EPA Method 413.1 for total O&G
EPA Method 624 for BTEX and VOCs
Standard Methods Method 5520 for O&G
LUFT = DHS LUFT Manual Method for OL

NOTES:

Groundwater elevation data and laboratory analytic results prior to March 6, 1995 were compiled from the Quarterly Groundwater Monitoring Reports prepared for Chevron by Sierra Environmental Services.

* Product thickness was measured with an MMC flexi-dip interface probe.
1 Top of casing elevations for monitoring wells MW-1 through MW-7 were surveyed by Ron Miller, Professional Engineer #15816 on June 26, 1991.
2 Top of casing elevations for monitoring wells MW-1 through MW-8 were surveyed by Kier & Wright of Pleasanton, California on December 12, 1991. Survey data received by SES on April 30, 1992.
3 Well could not be located on this date due to surface conditions from recent discing.
4 Monitoring well part of remediation system.
5 Monitoring well not located since March 1992 sampling event.
6 Top of casing elevation surveyed by Ron Miller, PE #15816, on January 13, 1994.
7 Monitoring well surveyed by Ron Miller, PE #15816, on July 5, 1994.
8 Other HVOCs were not detected at detection limits ranging from 0.5 to 1 ppb.
9 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.
10 A non-standard gasoline pattern was observed in the chromatogram.
11 Uncategorized compound not included in gasoline total.
12 Gasoline range concentration reported. The chromatogram shows only a single peak in the gasoline range.
13 Analytical results provided by Chevron Project Manager.
14 TPH(G) and BTEX results are estimated concentrations. Due to laboratory error, sample was analyzed past the recommended holding time. (GTEL).
15 Laboratory report indicates uncategorized compound is not included in gasoline concentration.

STANDARD OPERATING PROCEDURE
QUARTERLY GROUNDWATER SAMPLING

Gettler-Ryan 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 pevention 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 a MMC flexi-dip 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 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 analytic 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, preservative (if any), and the sample collector's initials. The water samples are placed in cooler maintained at 4 C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivery 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 USA Products Company, the purge and decontamination water generated during sampling activities is taken to Chevron's Richmond Refinery for disposal.

WELL SAMPLING FIELD DATA SHEET

SAMPLER: E. Climaco | DATE: 3-28-96

ADDRESS: 7007 San Ramon Valley Blvd | JOB #: 5790

CITY: Dublin CA | SS#: 9-554C

Well ID: MW-1 | Well Condition: Okay

Well Location Description:

Well Diameter: 4" in | Hydrocarbon Thickness: 0

Total Depth: 50' ft

Depth to Liquid: 22.20 ft

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

# of casing Volume: 3X | 27.80 x 0.66 x(VF) 18.3 | #Estimated purge Volume: 55 gal.

Purge Equipment: Suction | Sampling Equipment: Bailer

Did well dewater: No | If yes, Time: ___ | Volume:

Starting Time: 16:25 | Purging Flow Rate: 1.5 2 gpm gpm.

Sampling Time: 1700

Time	pH	Conductivity	Temperature	Volume
~~16:37~~	7.41	570	~~18.0~~	18
~~16:43~~ 49	7.30	597	~~19.1~~	36
~~16:52~~ 1701	7.53	591	19.2	54
~~16:05~~ 1705	7.52	590	19.3	55

Weather Conditions: Cloudy Breezy

Water Color: Clear | Odor: Mild

Sediment Description: N/a

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-1	3x40ml VOA	Y	HCl	CoTEL	Gas BTXE MTBE

Comments: /

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 3-28-96

ADDRESS 7007 San Ramon Valley Blvd JOB # 5290

CITY Dublin CA SS# 9-5542

Well ID MW-2 Well Condition okay

Well Location Description

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 39 ft

Depth to Liquid 21.34 ft

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

# of casing Volume 3x 17.66 x 0.17 x(VF) 3.0 #Estimated purge Volume 9 gal.

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time ___ Volume ___

Starting Time 15:15 Purging Flow Rate 1.5 gpm.

Sampling Time 16:21

Time	pH	Conductivity	Temperature	Volume
15:17	7.07	567	19.9	3
15:19	7.06	643	19.6	6
15:21	7.10	646	20.1	9
15:24	7.08	645	20.0	10

Weather Conditions Partly Cloudy Breezy

Water Color: Clear Odor: N/a

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-2	3x40ml VOA	Y	HCl	CTEL	6015 BTXE/MTBE

Comments /

WELL SAMPLING FIELD DATA SHEET

SAMPLER: F. Cline | DATE: 3-28-96

ADDRESS: 7007 San Ramon Valley Rd | JOB #: 5290

CITY: Dublin CA | SS#: 9-5542

Well ID: MW-3 | Well Condition: clear

Well Location Description:

Well Diameter: 2" in | Hydrocarbon Thickness: 0

Total Depth: 35' ft

Depth to Liquid: 19.90 ft

Volume Factor (VF)	2" = 0.17	3" = 0.33	4" = 0.66	6" = 1.50	12" = 5.80

# of casing Volume: 3x 15.10 x 0.17 x(VF) 2.6 #Estimated purge Volume: 7.8 gal.

Purge Equipment: Suction | Sampling Equipment: Bailer

Did well dewater: No | If yes, Time: ___ | Volume:

Starting Time: 15:30

Sampling Time: 15:39

Purging Flow Rate: 1.5 gpm.

Time	pH	Conductivity	Temperature	Volume
15:32	7.36	645	18.3	3
15:34	7.50	639	20.0	6
15:36	7.53	690	20.1	9
15:39	7.50	640	20.0	12

Weather Conditions: Cloudy Breezy

Water Color: Clear | Odor: None

Sediment Description: None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-3	3x40ml VOA	Y	HCl	CORE	BTEX 8020

Comments: /

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 5-28-96

ADDRESS 7007 San Ramon Valley Blvd JOB # 5290

CITY Dublin CA SS# 9-5542

Well ID MW-4 Well Condition okay

Well Location Description

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 36 ft

Depth to Liquid 20.97 ft

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

# of casing Volume 3 X 15.03 x 0.17 x(VF) 2.6 #Estimated purge Volume 7.8 gal.

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time ___ Volume

Starting Time 3:46 Purging Flow Rate 1.5 gpm.

Sampling Time 3:55

Time	pH	Conductivity	Temperature	Volume
3:48	6.66	581	18.3	3
3:50	7.13	585	19.7	6
3:52	7.47	586	19.7	9
3:55	2.49	583	20.0	10

Weather Conditions Partly Cloudy Breezy

Water Color: Clear Odor: Mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-4	3 x 40ml VOA	Y	HCl	CORE	BTEX MTBE

Comments

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 3-28-96

ADDRESS 2007 San Ramon Valley Rd JOB # 5290

CITY Dublin CA SS# 9-5542

Well ID MW-6 Well Condition Okay

Well Location Description

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 34' ft

Depth to Liquid 19.37 ft

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

# of casing Volume 3X 14.63 x 0.17 x(VF) 2.5 #Estimated purge Volume 7.5 gal.

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time ___ Volume ___

Starting Time 14:28 Purging Flow Rate 1.25 gpm.

Sampling Time 1436

Time	pH	Conductivity	Temperature	Volume
14:29	7.00	620	18.3	2.5
1431	7.12	612	18.3	5.0
14:33	7.15	615	18.2	7.5
14:36	7.13	612	18.3	8.0

Weather Conditions Partly Cloudy Breezy

Water Color: Clear Odor: No

Sediment Description No.

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-6	3x40ml vial	Y	HCL	GTEL	Gas/BTXE

Comments /

WELL SAMPLING FIELD DATA SHEET

SAMPLER: F. Cline | DATE: 3-28-96

ADDRESS: 7007 San Ramon Valley Rd | JOB #: 5290.85

CITY: Dublin CA | SS#: 9-5542

Well ID: MW-7 | Well Condition: clear

Well Location Description:

Well Diameter: 2" in | Hydrocarbon Thickness: 0

Total Depth: 35' ft

Depth to Liquid: 21.72 ft

Volume Factor (VF)	2" = 0.17	3" = 0.33	4" = 0.66	6" = 1.50	12" = 5.80

# of casing Volume: 3x 13.28 x 0.17 x(VF) 2.26 #Estimated purge Volume: 9.7 gal.

Purge Equipment: Suction | Sampling Equipment: Bailer

Did well dewater: N/C | If yes, Time: ___ | Volume:

Starting Time: 14:04 | Purging Flow Rate: 1.5 gpm.

Sampling Time: 14:13

Time	pH	Conductivity	Temperature	Volume
1406	6.52	735	18.5	3
1408	6.08	671	18.3	6
1410	6.69	695	18.4	9
1413	6.71	676	18.3	10

Weather Conditions: Partly Cloudy

Water Color: Clear | Odor: None

Sediment Description: None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-7	3x40ml VOA	Y	HCl	CONTRA	GAS/BTEX/MTBE

Comments: /

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 3-28-96

ADDRESS 7007 San Ramon Rd JOB # 5290

CITY Dublin CA SS# 9-554

Well ID MW-8 Well Condition clear

Well Location Description

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 24' ft

Depth to Liquid 15.42 ft

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

# of casing Volume 3 × 8.58 × 0.17 x(VF) 1.5 #Estimated purge Volume 4.5 gal.

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time ___ Volume ___

Starting Time 13:35 13:49 Purging Flow Rate ___ gpm.

Sampling Time 1355

Time	pH	Conductivity	Temperature	Volume
1350	7.20	887	20.7	1.5
1351	7.06	829	19.9	3.0
1352	7.04	828	20.0	4.5
1355	7.05	828		5.0

Weather Conditions Partly Cloudy Sunny Breezy

Water Color: Clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-8	3x40ml VOA	Y	HCl	GTEL	Gas BTEX MTBE

Comments /

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 3-28-96

ADDRESS 7007 San Ramon Valley Blvd JOB # 5290.85

CITY Dublin CA SS# 9-5542

Well ID MW-9 Well Condition Okay

Well Location Description

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 33' ft

Depth to Liquid 20.45 ft

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

# of casing Volume 3X 12.55 x 0.17 x(VF) 2.1 #Estimated purge Volume 6.3 gal.

Purge Equipment Suction Sampling Equipment Bailer

Did well dewater No If yes, Time ___ Volume ___

Starting Time 14:36 Purging Flow Rate 1.1 gpm.

Sampling Time 14:45

Time	pH	Conductivity	Temperature	Volume
14:38	7.25	633	18.2	2.2
14:40	7.30	653	18.8	4.4
14:42	7.34	652	18.7	6.6
14:45	7.32	654	18.8	7.0

Weather Conditions Sunny / Partly Cloudy Breezy

Water Color: Clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-9	3x40ml VOA	Y	HCl	CTEL	GasBTEX MTBE

Comments /

Fax copy of Lab Report and COC to Chevron Contact: ☐ No

Chain-of-Custody-Recor

Chevron U.S.A. Inc.
P.O. BOX 5004
San Ramon, CA 94583
FAX (415)842-9591

Chevron Facility Number 9-5542
Facility Address 7007 San Ramon Valley Rd Dublin CA
Consultant Project Number 5290.85
Consultant Name Gettler-Ryan
Address 6747 Sierra Ct, Ste J, Dublin 94568
Project Contact (Name) Deanna Harding
(Phone) 510 551-7555 (Fax Number) 510 551-7888

Chevron Contact (Name) Brett Hunter
(Phone) 842-8695
Laboratory Name GTEL
Laboratory Release Number 3499490
Samples Collected by (Name) F. Cline
Collection Date 3-28-96
Signature [signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	TPH Gas + BTEX w/MTBE (8015) (8020)	TPH Diesel (8015)	Oil and Grease (5520)	Purgeable Halocarbons (8010)	Purgeable Aromatics (8020)	Purgeable Organics (8240)	Extractable Organics (8270)	Metals Cd,Cr,Pb,Zn,Ni (ICAP or AA)					Remarks
TB-43	1	2	W	TB	—	HCL	Y	X												DO NOT BILL TB-LB ANALYSI
MW-8	2	3		G	1355															
MW-7	3				1413															
MW-2	4				1024															
MW-6	5				1436															
MW-3	6				1537															
MW-4	7				1555															
MW-9	8				1445															
MW-1	9	↓	↓	↓	1705	↓	↓	↓												

W603051

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time
[signature]	G-R	3-29-96 11:10	John Weber	GTEL	3-29-96 11:10
John Weber	GTEL	3-29-96 16:10			
			Received For Laboratory By (Signature) [signature] 7026515370		3/30/96 0845

Turn Around Time (Circle Choice)
24 Hrs.
48 Hrs.
5 Days
10 Days
As Contracted

No Seals
1°C

GTEL
ENVIRONMENTAL
LABORATORIES, INC.

Midwest Region
4211 May Avenue
Wichita, KS 67209
(316) 945-2624
(800) 633-7936
(316) 945-0506 (FAX)

April 9, 1996

Deanna Harding
GETTLER-RYAN
6747 Sierra Ct.
Suite J
Dublin, CA 94568

RE: GTEL Client ID: GTR01CHV08
Login Number: W6030591
Project ID (number): 5290.85
Project ID (name): CHEVRON/9-5542/7007 SAN RAMON VALLEY RD/DUBLIN/CA

Dear Deanna Harding:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 03/30/96.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria unless otherwise stated in the footnotes. This report is to be reproduced only in full.

GTEL is certified by the Department of Health Service under Certification Number 1845.

If you have any questions regarding this analysis, or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Justin Ward Project Coordinator for

Terry R. Loucks
Laboratory Director

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
Login Number: W6030591
Project ID (number): 5290.85
Project ID (name): CHEVRON/9-5542/7007 SAN RAMON VALLEY RD/DUBLIN/CA

Method: EPA 8020
Matrix: Aqueous

GTEL Sample Number	W6030591-01	W6030591-02	W6030591-03	W6030591-04
Client ID	TB-LB	MW-8	MW-7	MW-2
Date Sampled		03/28/96	03/28/96	03/28/96
Date Analyzed	04/06/96	04/06/96	04/06/96	04/06/96
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting Limit	Units	Concentration:			
MTBE	5.0	ug/L	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	0.8
Toluene	0.5	ug/L	< 0.5	< 0.5	< 0.5	5.6
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	1.0
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	6.2
BTEX (total)	--	ug/L	--	--	--	14.
TPH as Gasoline	50	ug/L	< 50	< 50	< 50	< 50

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap and modified EPA Method 8015. Analyte list modified to include additional compounds. "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including Update 1.

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
Login Number: W6030591
Project ID (number): 5290.85 Method: EPA 8020
Project ID (name): CHEVRON/9-5542/7007 SAN RAMON VALLEY RD/DUBLIN/CA Matrix: Aqueous

GTEL Sample Number	W6030591-05	W6030591-06	W6030591-07	W6030591-08
Client ID	MW-6	MW-3	MW-4	MW-9
Date Sampled	03/28/96	03/28/96	03/28/96	03/28/96
Date Analyzed	04/06/96	04/06/96	04/06/96	04/07/96
Dilution Factor	1.00	1.00	10.0	1.00

Analyte	Reporting Limit	Units	Concentration:			
MTBE	5.0	ug/L	9.2	15.	< 10.	18.
Benzene	0.5	ug/L	< 0.5	4.3	1300	120
Toluene	0.5	ug/L	< 0.5	6.5	920	5.9
Ethylbenzene	0.5	ug/L	< 0.5	60.	330	33.
Xylenes (total)	0.5	ug/L	< 0.5	100	1100	70.
BTEX (total)	--	ug/L	--	170	3600	230
TPH as Gasoline	50	ug/L	130	1500	8600	960

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap and modified EPA Method 8015. Analyte list modified to include additional compounds. "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including Update 1.

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
Login Number: W6030591
Project ID (number): 5290.85
Project ID (name): CHEVRON/9-5542/7007 SAN RAMON VALLEY RD/DUBLIN/CA

Method: EPA 8020
Matrix: Aqueous

GTEL Sample Number	W6030591-09	--	--	--
Client ID	MW-1	--	--	--
Date Sampled	03/28/96	--	--	--
Date Analyzed	04/07/96	--	--	--
Dilution Factor	25.0	--	--	--

Analyte	Reporting Limit	Units	Concentration:			
MTBE	5.0	ug/L	< 120	--	--	--
Benzene	0.5	ug/L	3700	--	--	--
Toluene	0.5	ug/L	3200	--	--	--
Ethylbenzene	0.5	ug/L	330	--	--	--
Xylenes (total)	0.5	ug/L	1500	--	--	--
BTEX (total)	--	ug/L	8700	--	--	--
TPH as Gasoline	50	ug/L	16000	--	--	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

Gasoline range hydrocarbons (TPH) quantitated by GC/FID with purge and trap and modified EPA Method 8015. Analyte list modified to include additional compounds. "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition including Update 1.

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: W6030591 Volatile Organics
Project ID (number): 5290.85 Method: EPA 8020
Project ID (name): CHEVRON/9-5542/7007 SAN RAMON VALLEY RD/DUBLIN/CA Matrix: Aqueous

Conformance/Non-Conformance Summary

(X = Requirements Met * = See Comments -- = Not Required NA = Not Applicable)

Conformance Item	Volatile Organics	Semi-Volatile Organics	Inorganics (MT, WC)
GC/MS Tune	--	--	NA
Initial Calibration	--	--	--
Continuing Calibration	X	--	--
Surrogate Recovery	X	--	NA
Holding Time	X	--	--
Method Accuracy	X	--	--
Method Precision	X	--	--
Blank Contamination	X	--	--

Comments:

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: W6030591 Volatile Organics
Project ID (number): 5290.85 Method: EPA 8020
Project ID (name): CHEVRON/9-5542/7007 SAN RAMON VALLEY RD/DUBLIN/CA Matrix: Aqueous

Surrogate Results

QC Batch No.	Reference	Sample ID	TFT
Method: EPA 8020		Acceptability Limits:	43-136%
040696GC17-1	BW04069617	Method Blank Water	101.
040696GC17-3	CV0406962017	Calibration Verifi	112.
040696GC17-5	MS03058910	Matrix Spike	107.
040696GC17-6	DP03059107	Duplicate	122.
--	03059101	TB-LB	104.
--	03059102	MW-8	103.
--	03059103	MW-7	104
--	03059104	MW-2	105.
--	03059105	MW-6	107.
--	03059106	MW-3	130.
--	03059107	MW-4	114.
--	03059108	MW-9	130.
--	03059109	MW-1	112.

Notes:
*: Indicates values outside of acceptability limits. See Nonconformance Summary.

Project ID (Number): 5290.85
Project ID (Name): Chevron SS #9-5542
7007 San Ramon Valley Rd
Dublin, CA
Work Order Number: W6-03-0591
Date Reported: 04-09-96

METHOD BLANK REPORT

Volatile Organics in Water
EPA Method 8020

Date of Analysis: QC Batch No:

Analyte	Concentration, ug/L
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Xylene (total)	<0.5
TPH as Gasoline	<50

GTEL Client ID: GTR01CHV08 QUALITY CONTROL RESULTS
Login Number: W6030591 Volatile Organics
Project ID (number): 5290.85 Method: EPA 8020
Project ID (name): CHEVRON/9-5542/7007 SAN RAMON VALLEY RD/DUBLIN/CA Matrix: Aqueous

Calibration Verification Sample Summary

Analyte		Spike Amount	Check Sample Concentration	QC Percent Recovery	Acceptability Limits Recovery
EPA 8020	Units:ug/L	QC Batch:040696GC17-3			
Benzene		20.0	20.7	104.	77-123%
Toluene		20.0	21.9	110.	77.5-122.5%
Ethylbenzene		20.0	21.7	109.	63-137%
Xylenes (Total)		60.0	66.5	111.	85-115%
TPH as Gasoline		500.	542.	108.	80-120%

Notes:
QC check source: Supelco #LA12389

GTEL Client ID: GTR01CHV08
Login Number: W6030591
Project ID (number): 5290.85
Project ID (name): CHEVRON/9-5542/7007 SAN RAMON VALLEY RD/DUBLIN/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Duplicate Sample Results

Analyte	Original Concentration	Duplicate Concentration	RPD, %	Acceptability Limits, %
EPA 8020 Units: ug/L	QC Batch: 040696GC17-6	GTEL Sample ID: W6030591-07		Client ID: MW-4
MTBE	< 10.0	< 10.0	NA	20
Benzene	1250	1200	4.08	23.9
Toluene	923.	882.	4.54	27.2
Ethylbenzene	329.	314.	4.67	21.6
Xylenes (Total)	1100	1050	4.65	22.0
TPH as Gasoline	8650	8380	3.17	20

Notes:

NA - The concentration of the analyte is less than the reporting limit.

GTEL Client ID: GTR01CHV08
Login Number: W6030591
Project ID (number): 5290.85
Project ID (name): CHEVRON/9-5542/7007 SAN RAMON VALLEY RD/DUBLIN/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Matrix Spike(MS) Results

GTEL Sample ID:W6030589-10
Analysis Date: 06-APR-96

MS ID:MS03058910
06-APR-96

Units: ug/L Analyte	Sample Conc.	Spike Added	MS Conc.	MS % Rec.	Acceptability Limits %Rec.
Benzene	< 0.5 (0.200)	20.0	20.7	103.	67-110
Toluene	1.1 (1.08)	20.0	22.7	108.	68-115
Ethylbenzene	< 0.5 (0.270)	20.0	21.7	107	65-120
Xylenes (Total)	1.6 (1.60)	60.0	67.1	109.	62-119

Notes:

Values in parentheses in the sample concentration column are used for % recovery calculations.