GETTLER-RYAN INC.

ENVIRONMENTAL PROTECTION
98 OCT 28 PM 4:01

October 16, 1998

NTBE was ND w/8260 in MW-1

Job #5290.80

Mr. Brett Hunter
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

Re: Semi-Annual 1998 Groundwater Monitoring & Sampling Report
Chevron Service Station #9-5542
7007 San Ramon Valley Road
Dublin, California

Dear Mr. Hunter:

This report documents the semi-annual groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R). On September 12, 1998, field personnel were on-site to monitor and sample six wells (MW-1, MW-2, MW-3, MW-6, MW-9, and MW-10) at the above referenced site.

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any of the 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 - Groundwater Sampling (attached). The field data sheets for this event are also attached. The samples were analyzed by Sequoia Analytical. Analytical results are presented in Table 1. The chain of custody document and laboratory analytical reports are enclosed.

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

Sincerely,

Deanna L. Harding
Project Coordinator

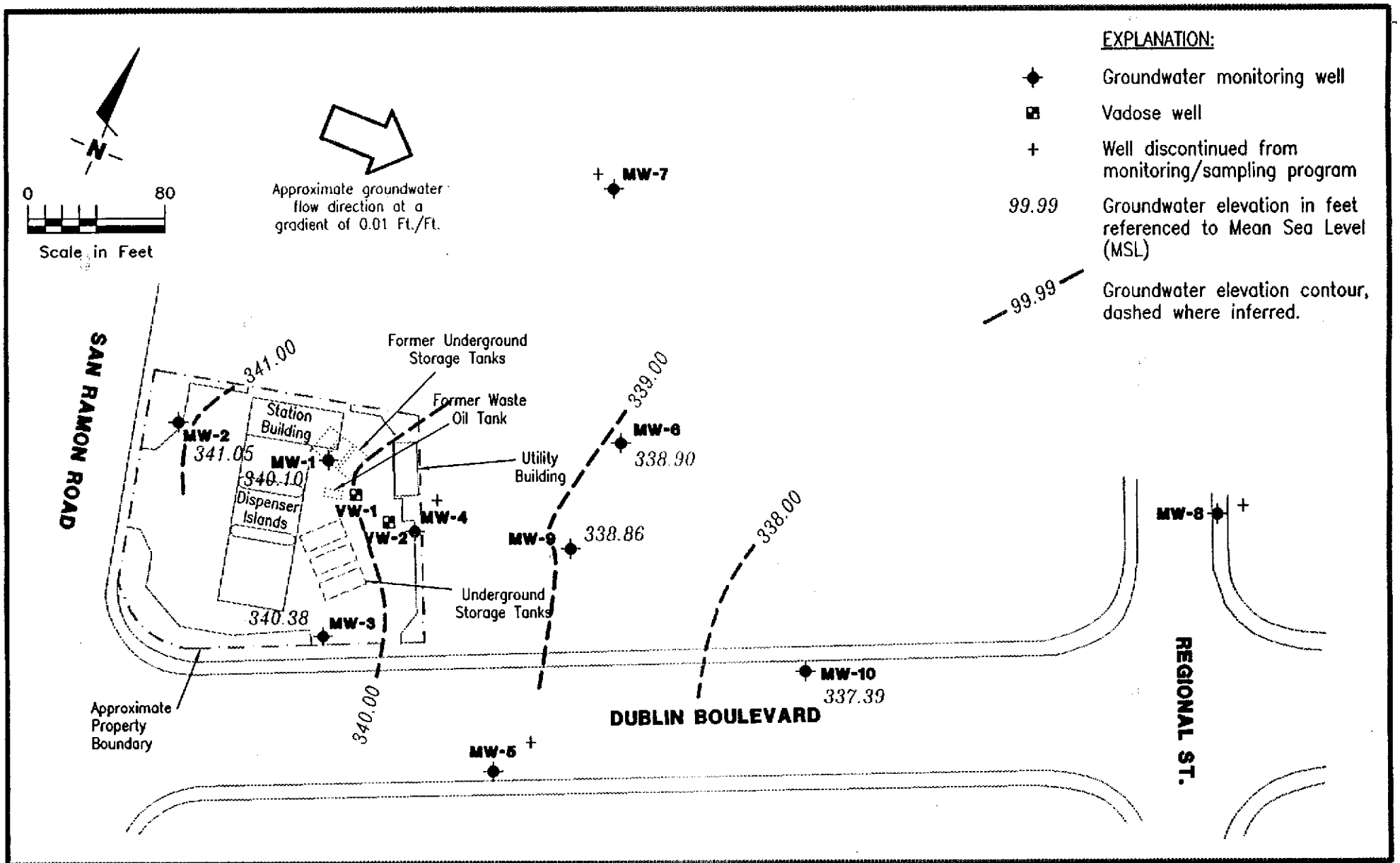
Barbara Sieminski
Barbara Sieminski
Project Geologist, R.G. No. 6676

REGISTERED GEOLOGIST
BARBARA SIEMINSKI
No. 6676
STATE OF CALIFORNIA

DLH/ba/dlh
5290.QML

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

cc: Eva Chu, Alameda County Environmental Health,
1131 Harbor Bay Parkway, 2nd Floor, Alameda, CA 94502
Mary Diamond, See's Candy,
3423 S. La Cienega Boulevard, Los Angeles, CA 90016-4401



Gettler - Ryan Inc.

6747 Sierra Ct., Suite J
Dublin, CA 94568
(925) 551-7555

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

FIGURE
1

JOB NUMBER	REVIEWED BY	DATE	REVISED DATE
5290		September 12, 1998	

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	---	---	---
	6/27/96	24.20	340.12	0	40,000	---	6,900	8,700	830	4,000	<120	---	---	---
	9/30/96	25.62	338.70	0	190,000	---	24,000	31,000	2,900	14,000	380	---	---	---
	12/30/96	24.21	340.11	0	130,000	---	25,000	32,000	2,900	15,000	<500	---	---	---
	3/11/97	23.72	340.60	0	76,000	---	11,000	13,000	1,000	6,500	<500	---	---	---
	6/10/97	25.32	339.00	0	63,000	---	9,900	15,000	1,400	7,000	<500	---	---	---
	10/1/97	26.01	338.31	0	48,000	---	8,400	12,000	1,200	5,700	<500	---	---	---
	12/17/97		Semi-Annual	---	---	---	---	---	---	---	---	---	---	---
	3/29/98		Discontinued											
	9/12/98[20]	**24.22**	**340.10**	**0**	**61,000**	**---**	**10,000**	**13,000**	**1,700**	**7,600**	**<125/143[19]**	**---**	**---**	**---**
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	---	---	---	---	---	---	---	---	---	---

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	9/20/91	---	---	---	68	---	1.3	1.6	0.8	3.0	---	---	---	---
(cont)	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	---	---	---	---
	6/14/93	25.15	339.49	0	---	---	---	---	---	---	---	---	---	---
	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	---	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---
	3/28/96	21.34	343.30	0	<50	---	0.8	5.6	1.0	6.2	<5.0	---	---	---
	6/27/96	23.99	340.65	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	9/30/96	25.14	339.50	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	12/30/96	23.61	341.03	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	3/11/97	23.17	341.47	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	6/10/97	24.72	339.92	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	10/1/97	25.85	338.79	0	<50	---	1.0	1.2	<0.5	1.7	<5.0	---	---	---
	12/17/97	24.98	339.66	0	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---
	3/29/98	20.34	344.30	0	110	---	20	12	4.3	14	5.4	---	---	---
	9/12/98	**23.59**	**341.05**	**0**	**<50**	---	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**	---	—	---
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	---	—	---	---

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-3	3/22/93	19.72	342.54	0	1,600	---	96	9	14	91	---	---	---	---
(cont)	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	---	<0.5	<0.5	4.4	6.5	12	---	---	---
	3/28/96	19.90	342.36	0	1,500	---	4.3	6.5	60	100	15	---	---	---
	6/27/96	21.98	340.28	0	1,200	---	<0.5	<0.5	1.9	2.0	13	---	---	---
	9/30/96	23.82	338.44	0	620	---	<0.5	<0.5	<0.5	0.8	10	---	---	---
	12/30/96	22.30	339.96	0	1,200	---	0.6	<0.5	0.6	0.7	12	---	---	---
	3/11/97	21.51	340.75	0	1,400	---	<0.5	3.1	<0.5	0.7	32	---	---	---
	6/10/97	23.60	338.66	0	1,400	---	1.8	4.8	0.8	1.1	18	---	---	---
	10/1/97	24.73	337.53	0	1,100	---	0.6	2.2	1.0	1.3	7.8	---	---	---
	12/17/97	23.27	338.99	0	450[17]	---	7.9	1.2	<1.0	1.5	11	---	---	---
	3/29/98	20.25	342.01	0	890	---	0.84	1.4	1.3	0.68	100	---	---	---
	9/12/98	**21.88**	**340.38**	**0**	**740[21]**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**5.4**	---	---	**---**
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	---	---	---	---

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	3/21/94	25.09	337.98	0	21,000	<5,000	2,800	1,700	540	1,900	---	---	---	---
(cont)	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	---	---	---
	6/27/96	21.63	341.44	0	18,000	---	2,600	1,500	740	2,400	<50	---	---	---
363.07[16]	9/30/96	24.85	338.22	0	24,000	---	3,200	1,200	710	2,200	87	---	---	---
	12/30/96	23.28	339.79	0	15,000	---	2,300	1,000	600	1,900	84	---	---	---
	3/11/97	22.62	340.45	0	23,000	---	2,600	920	780	2,200	84	---	---	---
	6/10/97	24.49	338.58	0	17,000	---	2,900	790	750	1,700	<100	---	---	---
	10/1/97	25.50	337.57	0	21,000	---	3,600	1,400	1,300	2,700	<50	---	---	---
	12/17/97		Semi-Annual	---	---	---	---	---	---	---	---	---	---	---
	3/29/98		Discontinued											
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	---	---	---	---	---	---	---	---	---	---
	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	---	---	---	---

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	12/16/95	Unable to locate		---	---	---	---	---	---	---	---	---	---	---
(cont)	3/28/96	Unable to locate		---	---	---	---	---	---	---	---	---	---	---
	6/27/96	Unable to locate		---	---	---	---	---	---	---	---	---	---	---
	9/30/96	Unable to locate		---	---	---	---	---	---	---	---	---	---	---
	12/30/96	Unable to locate		---	---	---	---	---	---	---	---	---	---	---
	3/11/97	Unable to locate		---	---	---	---	---	---	---	---	---	---	---
	6/10/97	Unable to locate		---	---	---	---	---	---	---	---	---	---	---
	10/1/97	Unable to locate		---	---	---	---	---	---	---	---	---	---	---
	12/17/97	Discontinued												
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	---	<0.5	<0.5	<0.5	<0.5	7.3	---	---	---
	3/28/96	19.37	341.21	0	130	---	<0.5	<0.5	<0.5	<0.5	9.2	---	---	---
	6/27/96	21.66	338.92	0	<50	---	<0.5	<0.5	<0.5	<0.5	5.7	---	---	---
	9/30/96	23.06	337.52	0	50	---	<0.5	<0.5	<0.5	<0.5	6.3	---	---	---
	12/30/96	21.46	339.12	0	90	---	<0.5	<0.5	<0.5	<0.5	5.5	---	---	---
	3/11/97	20.91	339.67	0	80	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	6/10/97	22.65	337.93	0	<50	---	1.6	2.3	<0.5	1.2	<5.0	---	---	---
	10/1/97	23.63	336.95	0	<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					---------->
MW-6	12/17/97	22.77	337.81	0	92	---	0.98	<0.50	0.72	1.6	2.7	---	---	---
(cont)	3/29/98	18.34	342.24	0	95[18]	---	<0.50	<0.50	<0.50	<0.50	3.0	---	---	---
	9/12/98	**21.68**	**338.90**	**0**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**	**---**	**---**	**---**
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[3]	---	---	---	---	---	---	---	---	---	---	---	---	---
	9/22/92[3]	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/18/92[3]	---	---	---	---	---	---	---	---	---	---	---	---	---
	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	<2.5	---	---	---
	3/28/96	21.72	339.96	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	6/27/96	23.50	338.18	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	9/30/96	25.20	336.48	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	12/30/96	23.88	337.80	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	3/11/97	22.99	338.69	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	6/10/97	24.70	336.98	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	10/1/97	25.70	335.98	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	12/17/97	Discontinued												
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	---	---	---	---

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	3/22/93	16.91	337.98	0	---	---	---	---	---	---	---	---	---	---
(cont)	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	---	---	---	---
	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	<2.5	---	---	---
	3/28/96	15.42	339.47	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	6/27/96	19.08	335.81	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
360.58[16]	9/30/96	20.30	340.28	0	<50	---	<0.5	<0.5	<0.5	0.6	<5.0	---	---	---
	12/30/96	19.03	341.55	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	3/11/97	18.41	342.17	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	6/10/97	19.91	340.67	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	10/1/97	20.71	339.87	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	12/17/97	Discontinued												
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	<0.5	680	1,200	<2.5	---	---	---
	3/28/96	20.45	340.78	0	960	---	120	5.9	33	70	18	---	---	---
	6/27/96	22.84	338.39	0	10,000	---	1,200	46	340	1,000	66	---	---	---
361.59[16]	9/30/96	24.12	337.47	0	15,000	---	1,300	36	390	950	100	---	---	---
	12/30/96	22.64	338.95	0	12,000	---	1,200	54	470	1,300	100	---	---	---
	3/11/97	22.09	339.50	0	13,000	---	850	37	310	930	63	---	---	---
	6/10/97	23.78	337.81	0	9,000	---	800	7.7	220	360	86	---	---	---
	10/1/97	23.53	338.06	0	7,000	---	770	13	270	540	99	---	---	---
	12/17/97	Semi-Annual		---	---	---	---	---	---	---	---	---	---	---
	3/29/98	20.48	341.11	0	4,900	---	400	850	160	720	170	---	---	---
	9/12/98	**22.73**	**338.86**	**0**	**7,400**	**---**	**900**	**6.6**	**150**	**440**	**68**	**---**	**---**	**---**

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-10	6/27/96	20.74	---	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
358.02[16]	9/30/96	22.03	335.99	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	12/30/96	20.56	337.46	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	3/11/97	19.93	338.09	0	<50	---	<0.5	<0.5	<0.5	<0.5	7.0	---	---	---
	6/10/97	21.65	336.37	0	<50	---	<0.5	<0.5	<0.5	<0.5	5.3	---	---	---
	10/1/97	22.52	335.50	0	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	12/17/97	Semi-Annual		---	---	---	---	---	---	---	---	---	---	---
	3/29/98	17.47	340.55	0	<50	---	<0.50	<0.50	<0.50	<0.50	4.3	---	---	---
	9/12/98	**20.63**	**337.39**	**0**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**3.8**	**---**	**---**	**---**
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	---	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---
	3/28/96	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	6/27/96	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	9/30/96	---	---	---	<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	---	---	---
	3/11/97	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	6/10/97	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	10/1/97	---	---	---	<50	---	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---
	12/17/97	---	---	---	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---
	3/29/98	---	---	---	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---
	9/12/98	**---**	**---**	**---**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<2.5**	**---**	**---**	**---**

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					---------->
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 (cont)

EXPLANATION:

TOC = Top of casing elevation
(ft) = feet
DTW = Depth to water
GWE = Groundwater 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 tertiary-butyl ether
HVOCs = Halogenated Volatile Organic Compounds
1,2-DCA = 1,2-Dichloroethane
EDB = Ethylene dibromide
ppb = Parts per billion
--- = 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
EPA Method 8260 for Oxygenate compounds

NOTES:

Groundwater elevation data and laboratory analytical 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.
16 Surveyed by Virgil Chavez Land Surveying on 10/15/96, elevations based on previous TOC data.
17 Laboratory report indicates gas & unidentified hydrocarbons <C7.
18 Laboratory report indicates unidentified hydrocarbons >C9.
19 MTBE by EPA Method 8260.
20 Oxygenate compounds were not detected.
21 Laboratory report indicates unidentified hydrocarbons C6-C12.

5290.tqm

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 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 the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using Chevron-designated disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Chevron Facility # 9-5542 Job#: 5290.80

Address: 7007 San Ramon Valley Road Date: 9-12-98

City: Dublin, CA Sampler: F.Cline

Well ID MW- 1 Well Condition: okay

Well Diameter 2" (4") in. Hydrocarbon Thickness: C in. Amount Bailed (product/water): C (gal.)

Total Depth 50 ft.

Depth to Water 24.22 ft.

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

25.78 X VF 0.66 = 17.0 X 3 (case volume) = Estimated Purge Volume: 51 (gal.)

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

Sampling Equipment: (Disposable Bailer); ~~Bailer~~; Pressure Bailer; Grab Sample; Other:

Starting Time: 8:06 Weather Conditions: clear warming

Sampling Time: 8:20 Water Color: clear Odor: Mild

Purging Flow Rate: 4.25 gpm. Sediment Description: N/A

Did well de-water? No If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
8:10	17	6.91	1313	20.2			
8:14	34	6.87	1310	20.2			
8:18	51	6.86	1318	20.2			
8:25	52	6.86	1317	20.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 1	3 x 40m/VOA	Y	HCL	~~NEI/GTEL~~ SEQUOIA	TPH-Gas/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Chevron Facility # 9-5542 Job#: 5290.80

Address: 7007 San Ramon Valley Road Date: 9-12-96

City: Dublin, CA Sampler: F.Cline

Well ID MW-2 Well Condition: clear

Well Diameter (2") 4" in. Hydrocarbon Thickness: e in. Amount Bailed (product/water): e (gal.)

Total Depth 39' ft.

Depth to Water 23.59 ft.

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

15.41 X VF 0.17 = 2.6 X 3 (case volume) = Estimated Purge Volume: 7.8 (gal.)

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

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

Starting Time: 7.38 Weather Conditions: clear cool overcast

Sampling Time: 7:46 Water Color: clear Odor: n/a

Purging Flow Rate: 1-3 gpm Sediment Description: n/a

Did well de-water? N/A If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
7:40	2.6	6.75	1266	19.7			
7:42	5.2	6.79	1246	20.2			
7:44	7.8	6.84	1251	20.4			
7:46	8.0	6.86	1249	20.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3 x 40m/VOA	Y	HCL	~~NEI/GTEL~~ SEQUOIA	TPH-Gas/BTEX/MTBE

COMMENTS: _____

9/97-fieldat.frm

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Chevron Facility # 9-5542 Job#: 5290.80

Address: 7007 San Ramon Valley Road Date: 9-12-9E

City: Dublin, CA Sampler: F. Cline

Well ID MW- 3 Well Condition: okay

Well Diameter (2") 4" in. Hydrocarbon Thickness: C in. Amount Bailed (product/water): C (gal.)

Total Depth 35.1 ft.

Depth to Water 21.88 ft.

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

13.12 X VF 0.17 = 2.2 X 3 (case volume) = Estimated Purge Volume: 6.7 (gal.)

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

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

Starting Time: 7:32 Weather Conditions: clear cool

Sampling Time: 8:00 Water Color: clear Odor: None

Purging Flow Rate: 1.1 gpm Sediment Description: N/a

Did well de-water? If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
7:54	2.2	6.79	1165	20.4			
7:56	4.4	6.77	1350	20.8			
7:58	6.6	6.79	1346	21.0			
8:00	7.0	6.78	1339	20.9			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 3	3 x 40m/VOA	Y	HCL	~~NEI/GTEL~~ SEQUOIA	TPH-Gas/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Chevron Facility # 9-5542 Job#: 5290.80

Address: 7007 San Ramon Valley Road Date: 9-12-9E

City: Dublin, CA Sampler: F.Cline

Well ID MW-6 Well Condition: clear

Well Diameter (2") 4" in. Hydrocarbon Thickness: C in. Amount Bailed (product/water): C (gal.)

Total Depth 34 ft.

Depth to Water 21.68 ft.

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

22.32 X VF 0.17 = 3.8 X 3 (case volume) = Estimated Purge Volume: 11.4 (gal.)

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

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

Starting Time: 0912 Weather Conditions: clear cool

Sampling Time: 0923 Water Color: Clear Odor: None

Purging Flow Rate: 1.3 gpm. Sediment Description: N/a

Did well de-water? If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
0915	3.9	6.90	1380	18.7			
0918	7.8	6.91	1384	18.7			
0921	11.7	6.91	1381	18.8			
0923	12.0	6.90	1382	18.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x 40m/VOA	Y	HCL	~~NEI/GTEL~~ SEQUOIA	TPH-Gas/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Chevron Facility # 9-5542 Job#: 5290.80

Address: 7007 San Ramon Valley Road Date: 9-12-9E

City: Dublin, CA Sampler: F.Cline

Well ID MW-9 Well Condition: clay

Well Diameter (2") 4" in. Hydrocarbon Thickness: C in. Amount Bailed (product/water): C (gal.)

Total Depth 33 ft.

Depth to Water 22.73 ft.

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

10.27 x VF 0.17 = 1.7 X 3 (case volume) = Estimated Purge Volume: 4.7 (gal.)

Purge Equipment: Disposable Bailer; Bailer; (Stack); ~~Suction~~; Grundfos; Other:

Sampling Equipment: (Disposable Bailer); ~~Bailer~~; Pressure Bailer; Grab Sample; Other:

Starting Time: 0.22 Weather Conditions: Clear WCC 1

Sampling Time: 0.35 Water Color: Clear Odor: Mild

Purging Flow Rate: 1 gpm. Sediment Description: N/A

Did well de-water? N/C If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
0.24	2	6.78	1434	19.7			
0.26	4	6.80	1435	19.7			
0.28	6	6.78	1433	19.7			
0.30	7	6.79	1430	19.7			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	3 x 40m/VOA	Y	HCL	~~NEI/CTEL~~ SEQUOIA	TPH-Gas/BTEX/MTBE

COMMENTS:

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Chevron Facility # 9-5542 Job#: 5290.80

Address: 7007 San Ramon Valley Road Date: 9-12-96

City: Dublin, CA Sampler: F. Cline

Well ID MW-10 Well Condition: clear

Well Diameter 2" 4" in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): _____ (gal.)

Total Depth 35' ft.

Depth to Water 20.63 ft.

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

24.37 X VF 0.17 = 4.14 X 3 (case volume) = Estimated Purge Volume: 12.4 (gal.)

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

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

Starting Time: 5:55 Weather Conditions: clear cool

Sampling Time: 6:06 Water Color: clear Odor: N/a

Purging Flow Rate: 1.5 gpm. Sediment Description: N/c

Did well de-water? _____ If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity µmhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
558	4.5	6.43	1362	19.9			
601	9.0	6.48	1345	19.8			
604	13.5	6.48	1343	19.8			
606	14.0	6.46	1349	19.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	3 x 40m/VOA	Y	HCL	~~NEI/GTEL~~ SEQUOIA	TPH-Gas/BTEX/MTBE

COMMENTS: _____

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

Chain-of-Custody-Reco

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 5290.80
Consultant Name Gettler-Ryan
Address 6747 Sierra Ct, Ste J, Dublin 94568
Project Contact (Name) Deanna Harding
(Phone) 551-7555 (Fax Number) 551-7888

Chevron Contact (Name) Mr. Brett Hunter
(Phone) (510) 842-8695
Laboratory Name SEQUOIA Service Code: ZZ02790
Laboratory Service Order # 9144488
Samples Collected by (Name) F. Cline
Collection Date 9-12-98
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)	Oxy Cmp by EPA 8260					Remarks
TB-LB	01	2	W	TB	—	HCL	Y	X													DO NOT BILL TB-LB ANALYS 9809768 SP 141
MW-10	02	3	↓	G	606	↓	↓	X													
MW-6	03	3			623			X													
MW-2	04	3			744			X													
MW-3	05	3			800			X													
MW-9	06	3			630			X													
MW-1	07	6	↓	↓	820	↓	↓	X								X					

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Turn Around Time (Circle Choice)
[signature]	G-R Inc.	9/14/98 0800	D. Harding	G-R Inc.	9/14/98	24 Hrs.
D. Harding	GR	9/14/98	[signature]	SEQUOIA	9.14.98 1030	48 Hrs. 5 Days ~~10 Days~~
[signature]	SEQUOIA	9.14.98	Received For Laboratory By (Signature) [signature]		9/14/98 1140	(As Contracted)

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-5542, Dublin	Sampled: 09/12/98
6747 Sierra Court Suite J	Sample Descript: TB-LB	Received: 09/14/98
Dublin, CA 94568	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 09/22/98
Attention: Deanna Harding	Lab Number: 9809768-01	Reported: 09/29/98

Purgeable Total Petroleum Hydrocarbons as Gasoline/BTEX/MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	107

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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1455 McDowell Blvd. North, Ste. D, Petaluma, CA 94954, (707) 792-1865, FAX (707) 792-0342

Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-5542, Dublin	Sampled: 09/12/98
6747 Sierra Court Suite J	Sample Descript: MW-1	Received: 09/14/98
Dublin, CA 94568	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 09/21/98
Attention: Deanna Harding	Lab Number: 9809768-07	Reported: 09/29/98

Purgeable Total Petroleum Hydrocarbons as Gasoline/BTEX/MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**2500**	**61000**
Methyl t-Butyl Ether	125	N.D.
Benzene	**25**	**10000**
Toluene	**25**	**13000**
Ethyl Benzene	**25**	**1700**
Xylenes (Total)	**25**	**7600**
Chromatogram Pattern:		**GAS**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	109

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100
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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-5542, Dublin	Sampled: 09/12/98
6747 Sierra Court Suite J	Sample Descript: MW-1	Received: 09/14/98
Dublin, CA 94568	Matrix: LIQUID	
	Analysis Method: EPA 8260	Analyzed: 09/23/98
Attention: Deanna Harding	Lab Number: 9809768-07	Reported: 09/29/98

QC Batch Number: MS092298MTBEH6A
Instrument ID: H6

Oxygenate Compounds (EPA 8260)

Analyte	Detection Limit ug/L	Sample Results ug/L
Ethanol	35700	N.D.
t-Butanol	7140	N.D.
Methyl t-Butyl Ether (MTBE)	143	N.D.
Di-Isopropyl Ether (DIPE)	143	N.D.
Ethyl t-Butyl Ether (ETBE)	143	N.D.
t-Amyl Methyl Ether (TAME)	143	N.D.

Surrogates	Control Limits %		% Recovery
1,2-Dichloroethane-d4	76	114	99

Analytes reported as N.D. were not present above the stated limit of detection.

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-5542, Dublin	Sampled: 09/12/98
6747 Sierra Court Suite J	Sample Descript: MW-2	Received: 09/14/98
Dublin, CA 94568	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 09/21/98
Attention: Deanna Harding	Lab Number: 9809768-04	Reported: 09/29/98

Purgeable Total Petroleum Hydrocarbons as Gasoline/BTEX/MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
404 N. Wiget Lane, Walnut Creek, CA 94598, (925) 988-9600, FAX (925) 988-9673
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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568

Attention: Deanna Harding

Client Proj. ID: Chevron 9-5542, Dublin
Sample Descript: MW-3
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9809768-05

Sampled: 09/12/98
Received: 09/14/98

Analyzed: 09/21/98
Reported: 09/29/98

Purgeable Total Petroleum Hydrocarbons as Gasoline/BTEX/MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	**50**	**740**
Methyl t-Butyl Ether	**2.5**	**5.4**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Unidentified HC		**C6-C12**

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	105

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (650) 364-9600, FAX (650) 364-9233
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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-5542, Dublin	Sampled: 09/12/98
6747 Sierra Court Suite J	Sample Descript: MW-6	Received: 09/14/98
Dublin, CA 94568	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 09/21/98
Attention: Deanna Harding	Lab Number: 9809768-03	Reported: 09/29/98

Purgeable Total Petroleum Hydrocarbons as Gasoline/BTEX/MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-5542, Dublin	Sampled: 09/12/98
6747 Sierra Court Suite J	Sample Descript: MW-9	Received: 09/14/98
Dublin, CA 94568	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 09/21/98
Attention: Deanna Harding	Lab Number: 9809768-06	Reported: 09/29/98

Purgeable Total Petroleum Hydrocarbons as Gasoline/BTEX/MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	250	7400
Methyl t-Butyl Ether	12	68
Benzene	2.5	900
Toluene	2.5	6.6
Ethyl Benzene	2.5	150
Xylenes (Total)	2.5	440
Chromatogram Pattern:		GAS

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	99

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

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Project Manager

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-5542, Dublin	Sampled: 09/12/98
6747 Sierra Court Suite J	Sample Descript: MW-10	Received: 09/14/98
Dublin, CA 94568	Matrix: LIQUID	
	Analysis Method: 8015Mod/8020	Analyzed: 09/21/98
Attention: Deanna Harding	Lab Number: 9809768-02	Reported: 09/29/98

Purgeable Total Petroleum Hydrocarbons as Gasoline/BTEX/MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	**2.5**	**3.8**
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		

Surrogates	Control Limits %		% Recovery
Trifluorotoluene	70	130	102

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Mike Gregory
Project Manager

Sequoia Analytical

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Gettler Ryan/Geostrategies	Client Proj. ID: Chevron 9-5542, Dublin	Received: 09/14/98
6747 Sierra Court Suite J		
Dublin, CA 94568	Lab Proj. ID: 9809768	Reported: 09/29/98
Attention: Deanna Harding		

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 17 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

OXY Note:
Sample 9809768-07 was diluted 71.4 times due to a high non-target compound.

TPH-GAS/BTEX:
Sample 9809768-06 was diluted 5-fold.
Sample 9809768-07 was diluted 50-fold.

SEQUOIA ANALYTICAL

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Project Manager

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Gettler Ryan/Geostrategies	Client Project ID:	Chevron 9-5542, Dublin		
6747 Sierra Court, Ste J	Matrix:	Liquid		
Dublin, CA 94568				
Attention: Deanna Harding	Work Order #:	9809768	-01-07	Reported: Sep 30, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Gasoline
QC Batch#:	8090336
Analy. Method:	EPA 8015M
Prep. Method:	EPA 8020M
Analyst:	M. Sakai
MS/MSD #:	P809198-03
Sample Conc.:	N.D.
Prepared Date:	9/21/98
Analyzed Date:	9/21/98
Instrument I.D.#:	-
Conc. Spiked:	1000 µg/L
Result:	910
MS % Recovery:	80.3
Dup. Result:	955
MSD % Recov.:	84.8
RPD:	4.83
RPD Limit:	0-12

LCS #:	LCS092198
Prepared Date:	9/21/98
Analyzed Date:	9/21/98
Instrument I.D.#:	-
Conc. Spiked:	1000 µg/L
LCS Result:	932
LCS % Recov.:	93.2

MS/MSD	53-146
LCS	79-127
Control Limits	

SEQUOIA ANALYTICAL
Elap #2245

Mike Gregory
Project Manager

Please Note:
The LCS is a control sample of known, interferent-free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

** MS = Matrix Spike, MSD = MS Duplicate, RPD = Relative % Difference

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Gettler Ryan/Geostrategies	Client Project ID:	Chevron 9-5542, Dublin	
6747 Sierra Court, Ste J	Matrix:	Liquid	
Dublin, CA 94568			
Attention: Deanna Harding	Work Order #:	9809768-07	Reported: Sep 30, 1998

QUALITY CONTROL DATA REPORT

Analyte:	MTBE
QC Batch#:	MS092298MTBEH6A
Analy. Method:	EPA 8260
Prep. Method:	N.A.
Analyst:	B. Pitamah
MS/MSD #:	980919409
Sample Conc.:	67
Prepared Date:	9/22/98
Analyzed Date:	9/22/98
Instrument I.D.#:	H6
Conc. Spiked:	50 µg/L
Result:	118
MS % Recovery:	102
Dup. Result:	119
MSD % Recov.:	104
RPD:	0.84
RPD Limit:	0-25

LCS #:	LCS092298
Prepared Date:	9/22/98
Analyzed Date:	9/22/98
Instrument I.D.#:	H6
Conc. Spiked:	50 µg/L
LCS Result:	47
LCS % Recov.:	94

MS/MSD	60-140
LCS	70-130
Control Limits	

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:
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