



**Chevron**

January 27, 1997

Ms. Eva Chu  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, 2nd Floor  
Alameda, CA 94502

**Chevron Products Company**  
6001 Bollinger Canyon Road  
Building L  
San Ramon, CA 94583  
P.O. Box 6004  
San Ramon, CA 94583-0904

**Marketing - Sales West**  
Phone 510 842-9500

Re: Chevron Station # 9-5542, 7007 San Ramon Valley Rd., Dublin, CA  
Attached groundwater monitoring reports (Gettler-Ryan; 1/22/96, 5/2/96, 8/2/96, 11/4/96)

Dear Ms. Chu:

Please find attached four reports dated January 22, May 2, August 2, and November 4, 1996 that were prepared by Chevron's consultant Gettler-Ryan to describe site monitoring events performed on December 16, 1995, March 28, June 27, and September 30, 1996, respectively.

If you have any questions or comments, I can be reached at (510) 842-8695.

Sincerely,

Brett L. Hunter  
Environmental Engineer  
Site Assessment and Remediation

**Attachments**

cc: Mary Diamond, See's Candy, 3423 S. La Cienega Blvd., Los Angeles, CA 90016-4401  
William Mathews Brooks, Ardenbrook, Inc., 4725 Thornton Ave., Fremont, CA 94536  
Rich Hiatt, San Francisco Bay RWQCB, Oakland, CA (w/o attachments)  
See's Real Estate, 210 El Camino Real, S. San Francisco, CA 94080 (w/o attachments)



# GETTLER-RYAN INC.

January 22, 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 December 16, 1995, 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 Decmeber 16, 1995. 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.

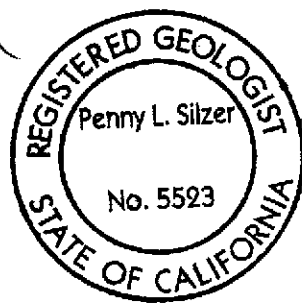
Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Quarterly Groundwater Sampling (attached). The field data sheets forms for this event are also attached. The samples were analyzed by GTEL Environmental Laboratories, Inc. Analytical results 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 R. Harding for*  
Greg A. Gurs  
Project Manager

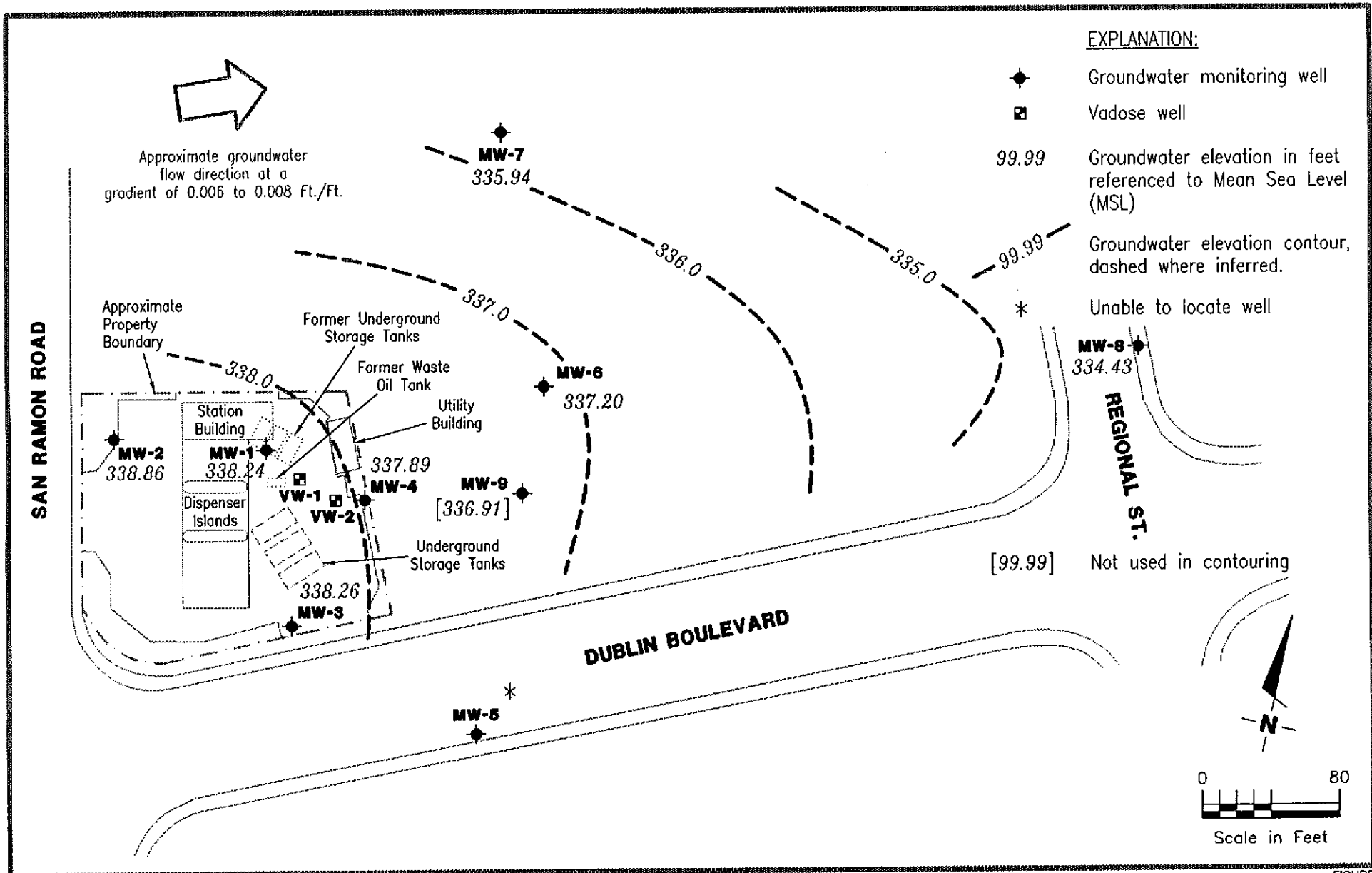
*Penny L. Silzer*  
Penny L. Silzer  
Senior Geologist, R.G. No. 5523



GAG/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

97 JAN 30 AM 08 NVJ 76  
ENVIRONMENTAL PROTECTION



- EXPLANATION:**
- ◆ Groundwater monitoring well
  - ▣ Vadose well
  - 99.99 Groundwater elevation in feet referenced to Mean Sea Level (MSL)
  - - - Groundwater elevation contour, dashed where inferred.
  - \* Unable to locate well
  - [99.99] Not used in contouring



**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

FIGURE  
**1**

JOB NUMBER  
 5290

REVIEWED BY

DATE  
 December 16, 1995

REVISED DATE



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		O&G	B	T	E	X	MTBE	Other HVOCs	1,2-DCA	EDB
				Thickness*	TPH(G)									
←-----ppb----->														
MW-1/ (D)	4/3-4/90	—	—	—	46,000	—	8,400	7,400	860	5,600	—	—	—	1.04
	4/3-4/90	—	—	—	43,000	—	8,400	7,200	840	5,200	—	—	—	1.1
363.98 <sup>1</sup>	5/31/91	25.67	338.31	0	31,000	—	7,400	2,500	630	2,100	—	ND <sup>5</sup>	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 <sup>5</sup>	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 <sup>5</sup>	3.3	—
	3/19/92	24.63	339.35	0	30,000	—	8,500	3,600	590	2,400	—	ND <sup>5</sup>	2.7	—
364.32 <sup>2</sup>	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 <sup>6,15</sup>	—	—	—	45,000	—	16,000	14,000	1,100	5,500	—	—	—	—
	3/22/93 <sup>4</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—
	6/14/93 <sup>4</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—
	7/25/93 <sup>4</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—
	9/23/93 <sup>4</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—
	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	—	—	—
MW-2/ 364.19 <sup>1</sup>	4/3-4/90	—	—	—	<50	—	<0.3	<0.3	<0.3	<0.6	—	—	—	<0.02
	5/31/91	25.51	338.68	0	100	—	3.1	4.2	0.7	2.0	—	ND <sup>5</sup>	<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 <sup>2</sup>	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	—	—	—	—	—	—	—	—	—	—



Table 1. Water Level Data and Groundwater Analytic 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
MW-2	7/25/93	24.52	340.12	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---
(cont)	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	---	---	---
MW-3/ 361.92 <sup>1</sup>	4/3-4/90	---	---	---	2,200	---	36	5	6	17	---	---	---	<0.02
	5/31/91	23.20	338.72	0	2,200	---	130	11	31	78	---	ND <sup>2</sup>	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 <sup>2</sup>	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	5.1	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	---	---	---
MW-4/ 362.70 <sup>1</sup>	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	---	---	---	---	---
	5/31/91	24.67	338.03	0	34,000	---	2,900	2,900	680	3,300	---	ND <sup>2</sup>	<0.5	---



Table 1. Water Level Data and Groundwater Analytic 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	←-----ppb----->					MTBE	Other HVOCs	1,2-DCA	EDB	
							B	T	E	X						
MW-4	5/31/91	---	---	---	<5,000	---	---	---	---	---	---	---	---	---	---	---
(cont)	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*	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*	17	---	---	---
	3/19/92	23.66	339.04	0	21,000	---	3,800	2,900	500	3,200	---	ND*	15	---	---	---
363.07 <sup>2</sup>	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 <sup>14</sup>	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 <sup>15</sup>	---	3,100	670	500	1,400	---	---	---	---	---	---
	12/16/95	25.18	337.89	0	15,000	---	2,900	960	420	1,200	<2.5	---	---	---	---	---
MW-5/ 359.95 <sup>1</sup>	6/21/91	23.17	336.78	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---
	6/21/91	---	---	---	---	---	---	---	---	---	---	ND*	<0.5	---	---	---
	7/17/91	23.68	336.27	0	---	---	---	---	---	---	---	---	---	---	---	---
	9/20/91	---	---	---	170 <sup>16</sup>	---	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 <sup>2</sup>	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	---	---	---	---	---	---



Table 1. Water Level Data and Groundwater Analytic 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	←-----ppb----->					MTBE	Other HVOCs	1,2-DCA	EDB
							B	T	E	X					
MW-5 (cont)	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		--	--	--	--	--	--	--	--	--	--		
MW-6/ 360.22 <sup>1</sup>  360.58 <sup>2</sup>	6/21/91	23.55	336.67	0	3,700	--	50	2.6	150	340	--	--	--	--	
	6/21/91	--	--	--	--	--	--	--	--	--	--	ND <sup>3</sup>	<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	--	--	--	--	
	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 <sup>11</sup>	--	<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	--	--	--		
MW-7/ 360.63 <sup>1</sup>	6/21/91	23.45	337.18	0	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	
	6/21/91	--	--	--	--	--	--	--	--	--	--	ND <sup>3</sup>	<0.5	--	
	7/17/91	23.90	336.73	0	--	--	--	--	--	--	--	--	--	--	
	9/20/91	--	--	--	69	--	4.4	3.3	1.2	3.9	--	--	--	--	



Table 1. Water Level Data and Groundwater Analytic 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	
MW-7	10/4/91	25.03	335.60	0	---	---	---	---	---	---	---	---	---	---	---
(cont)	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 <sup>2</sup>	6/19/92 <sup>3</sup>	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	9/22/92 <sup>3</sup>	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	12/18/92 <sup>3</sup>	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	3/22/93 <sup>3</sup>	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	6/14/93 <sup>3</sup>	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	7/25/93 <sup>3</sup>	---	---	---	---	---	---	---	---	---	---	---	---	---	---
361.68 <sup>6</sup>	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	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---
MW-8/ ---	12/12/91	22.54	---	0	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---
354.89 <sup>2</sup>	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	---	---	---	---	---
	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	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---





Table 1. Water Level Data and Groundwater Analytic 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	←-----ppb----->					MTBE	Other HVOCs	1,2-DCA	EDB
							B	T	E	X					
MW-9/ 361.23 <sup>7</sup>	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	--	--	--	--
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 <sup>12</sup>	--	<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	--	--	--	--
Bailer Blank MW-BB	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	--	--	--	--	--
	6/19/92	--	--	--	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--
	9/22/92	--	--	--	<50	--	<0.5	<0.5	<0.5	0.8	--	--	--	--	--



Table 1. Water Level Data and Groundwater Analytic 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
MW-BB	12/21/92	--	--	--	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--
(cont)	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-tertiary-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.
- <sup>1</sup> Top of casing elevations for monitoring wells MW-1 through MW-7 were surveyed by Ron Miller, Professional Engineer #15816 on June 26, 1991.
- <sup>2</sup> 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.
- <sup>3</sup> Well could not be located on this date due to surface conditions from recent discing.
- <sup>4</sup> Monitoring well part of remediation system.
- <sup>5</sup> Monitoring well not located since March 1992 sampling event.
- <sup>6</sup> Top of casing elevation surveyed by Ron Miller, PE #15816, on January 13, 1994.
- <sup>7</sup> Monitoring well surveyed by Ron Miller, PE #15816, on July 5, 1994.
- <sup>8</sup> Other HVOCs were not detected at detection limits ranging from 0.5 to 1 ppb.
- <sup>9</sup> 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.
- <sup>10</sup> A non-standard gasoline pattern was observed in the chromatogram.
- <sup>11</sup> Uncategorized compound not included in gasoline total.
- <sup>12</sup> Gasoline range concentration reported. The chromatogram shows only a single peak in the gasoline range.
- <sup>13</sup> Analytical results provided by Chevron Project Manager.
- <sup>14</sup> TPH(G) and BTEX results are estimated concentrations. Due to laboratory error, sample was analyzed past the recommended holding time. (GTEL).
- <sup>15</sup> 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 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 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 G. Sanchez FICline DATE 12-16-95  
 ADDRESS 7007 San Ramon Valley Rd #  
 CITY Dublin CA SS# 5290.83  
9-5542

Well ID NW-1 Well Condition OK

Well Location Description \_\_\_\_\_  
 Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 50.0 ft  
 Depth to Liquid 26.08 ft

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

# of casing 3x 23.92 x ~~0.17~~ 0.66 x (VF) 15.8 #Estimated 47.4 gal.

Purge Equipment Suction Sampling Equipment Disposable Bailers  
 Did well dewater No If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_

Starting Time 10:56 Purging Flow Rate 3.2 gpm.  
 Sampling Time 11:15

Time	pH	Conductivity	Temperature	Volume
<u>11:01</u>	<u>7.25</u>	<u>704</u>	<u>19.7</u>	<u>16</u>
<u>11:06</u>	<u>7.35</u>	<u>754</u>	<u>19.2</u>	<u>32</u>
<u>11:11</u>	<u>7.37</u>	<u>752</u>	<u>19.6</u>	<u>48</u>
<u>11:15</u>	<u>7.36</u>	<u>753</u>	<u>19.5</u>	<u>49</u>

Weather Conditions Partly Cloudy & cool  
 Water Color: clear Odor: Mild  
 Sediment Description None

## LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-1</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GTBL</u>	<u>Gas BULK MIDE</u>

Comments \_\_\_\_\_



WELL SAMPLING FIELD DATA SHEET

SAMPLER G. Sanchez FICline DATE 12-11-95  
ADDRESS 7007 San Ramon Valley Rd #  
CITY DUBLIN CA SS# 5290.85  
9-5542

Well ID NW-2 Well Condition OK  
Well Location Description \_\_\_\_\_

Well Diameter 2" in  
Total Depth 39.0 ft  
Depth to Liquid 25.78 ft

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

# of casing 3x 13.22 x 0.17 x (VF) 2.2 #Estimated 6.7 gal. purge Volume

Purge Equipment Stack Pump Sampling Equipment Disposable Bailer  
Did well dewater No If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_

Starting Time 10:00 Purging Flow Rate 1.2 gpm.  
Sampling Time 10:10

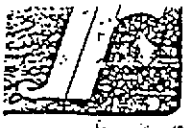
Time	pH	Conductivity	Temperature	Volume
<u>10:02</u>	<u>7.35</u>	<u>1410</u>	<u>65.8</u>	<u>2.4 gal</u>
<u>10:04</u>	<u>7.25</u>	<u>1370</u>	<u>67.0</u>	<u>4.4 gal</u>
<u>10:06</u>	<u>7.23</u>	<u>1310</u>	<u>67.1</u>	<u>6.8 gal</u>
<u>10:10</u>	<u>7.24</u>	<u>1300</u>	<u>67.1</u>	<u>7.5 gal</u>

Weather Conditions Partly Cloudy & cool  
Water Color: clear Odor: none  
Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-2</u>	<u>3x40ml VEA</u>	<u>Y</u>	<u>HCL</u>	<u>GTBL</u>	<u>Gas BICH NALOR</u>

Comments \_\_\_\_\_  
\_\_\_\_\_



WELL SAMPLING FIELD DATA SHEET

SAMPLER G. Sanchez FICline DATE 12-11-95  
 ADDRESS 7007 San Ramon Valley Rd # 529083  
 CITY Daly City CA SS# 9-5542

Well ID NW-3 Well Condition OK

Well Location Description \_\_\_\_\_

Well Diameter 2" in Hydrocarbon Thickness 0

Total Depth 35' ft

Depth to Liquid 24.0 ft

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

# of casing 3x 15.00 x 0.17 x (VF) 2.6 #Estimated 7.8 gal.  
 Volume \_\_\_\_\_ x (VF) \_\_\_\_\_

Purge Equipment Stack Pump Sampling Equipment Disposable Bailer

Did well dewater no If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_

Starting Time 10:22 Purging Flow Rate 1.5 gpm.

Sampling Time 10:33

Time	pH	Conductivity	Temperature	Volume
<u>1024</u>	<u>7.34</u>	<u>1330</u>	<u>68.0</u>	<u>3.0 gal</u>
<u>1026</u>	<u>7.15</u>	<u>1340</u>	<u>67.8</u>	<u>6.0 gal</u>
<u>1028</u>	<u>7.18</u>	<u>1350</u>	<u>67.7</u>	<u>2.0 gal</u>
<u>1033</u>	<u>7.16</u>	<u>1350</u>	<u>67.7</u>	<u>9.0 gal</u>

Weather Conditions Partly Cloudy & cool  
 Water Color: clear Odor: mild  
 Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-3</u>	<u>3x40ml VSA</u>	<u>Y</u>	<u>HCL</u>	<u>GTBL</u>	<u>CO2 BIVENANCE</u>

Comments \_\_\_\_\_



# WELL SAMPLING FIELD DATA SHEET

SAMPLER

G. Sanchez F. Cline

DATE

12-16-95

ADDRESS

7007 San Ramon Valley Rd #

529085

CITY

Dublin CA

SS#

9-5542

Well ID

NW-4

Well Condition

OK

Well Location Description

Well Diameter

2" in

Hydrocarbon Thickness

0

Total Depth

36'0 ft

Depth to Liquid

25'18 ft

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

# of casing Volume

3x 10.82 x 0.17

x(VF) 1.8 #Estimated 5.1 gal.

Purge Equipment

Stack Pump

Sampling Equipment

Disposable Backer

Did well dewater

NO

If yes, Time

Volume

Starting Time

1039

Purging Flow Rate

1

gpm.

Sampling Time

1050

Time

pH

Conductivity

Temperature

Volume

1041

7.35

1360

66-8

2 gal

1043

7.30

1340

67.3

4

1045

7.25

1330

67.4

6

1050

7.22

1330

67.0

7

Weather Conditions

Partly Cloudy & cool

Water Color:

clear

Odor:

mild

Sediment Description

none

## LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-4</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GTBL</u>	<u>Geo BIXL MICE</u>

Comments





WELL SAMPLING FIELD DATA SHEET

SAMPLER

G. Sanchez FICline

DATE

12-16-95

ADDRESS

7007 San Ramon Valley Rd #

5290.85

CITY

Dublin CA

SS#

9-5542

Well ID

NW-5

Well Condition

Well Location Description

Well Diameter

2" in

Hydrocarbon Thickness

Total Depth

36' ft

Depth to Liquid

ft

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

# of casing 3x  
Volume

x 0.17

x(VF)

#Estimated  
purge  
Volume

gal.

Purge Equipment

Sampling Equipment

Did well dewater

If yes, Time

Volume

Starting Time

Purging Flow Rate

gpm.

Sampling Time

Not sampled

Time

pH

Conductivity

Temperature

Volume

Failed

Over

or Destroyed

Weather Conditions

Partly Cloudy & cool

Water Color:

Odor:

Sediment Description

LABORATORY INFORMATION

Sample ID	Container	Relig	Preservative Type	Lab	Analysis
NW-5	3x40ml VCA	Y	HCL	GTBL	Co-BIPLMICE

Comments



# WELL SAMPLING FIELD DATA SHEET

SAMPLER G. Sanchez FICline DATE 12-16-95  
 ADDRESS 7007 San Ramon Valley Rd #  
 CITY Danville CA SS# 5290.85  
9-5542

Well ID NW-6 Well Condition Okay  
 Well Location Description \_\_\_\_\_

Well Diameter 2" in  
 Total Depth 34.36 ft  
 Depth to Liquid 23.38 ft

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

# of casing 3x 10.92 x 0.17 x (VF) 1.8 #Estimated 5.1 gal.  
 Purge Equipment Bailey Sampling Equipment Bailey  
 Volume \_\_\_\_\_

Did well dewater No If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_

Starting Time ~~9:55~~ 10:18 Purging Flow Rate \_\_\_\_\_ gpm.  
 Sampling Time 10:24

Time	pH	Conductivity	Temperature	Volume
<u>10:00</u>	<u>7.40</u>	<u>731</u>	<u>14.1</u>	<u>2</u>
<u>10:22</u>	<u>7.30</u>	<u>738</u>	<u>15.2</u>	<u>4</u>
<u>10:24</u>	<u>7.32</u>	<u>735</u>	<u>15.3</u>	<u>6</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Weather Conditions Partly Cloudy & cool  
 Water Color: Brown/gray Odor: None  
 Sediment Description Light silt

## LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-6</u>	<u>3x40ml VEA</u>	<u>Y</u>	<u>HCL</u>	<u>GTBL</u>	<u>CO2 BULK MICE</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comments \_\_\_\_\_  
 \_\_\_\_\_



# WELL SAMPLING FIELD DATA SHEET

SAMPLER

Co. Sanchez F/Cline

DATE

12-11-95

ADDRESS

7007 San Ramon Valley Rd #

5290.85

CITY

Dustin CA

SS#

9-5542

Well ID

NW-7

Well Condition

okay

Well Location Description

Well Diameter

2"

in

Hydrocarbon Thickness

0

Total Depth

3515

ft

Depth to Liquid

25.74

ft

Volume

2" = 0.17

6" = 1.50

12" = 5.80

Factor

3" = 0.38

(VF)

4" = 0.66

# of casing  
Volume

3x 9.76

x 0.17

x(VF) 1.66

#Estimated

4.97

gal.

purge  
Volume

Purge Equipment

Bailer

Sampling Equipment

Bailer

Did well dewater

NO

If yes, Time

Volume

Starting Time

4:38

Purging Flow Rate

gpm.

Sampling Time

Time

pH

Conductivity

Temperature

Volume

1:00

7.60

780

15.8

1.66

1:02

7.40

782

13.8

3.32

1:06

7.46

783

13.9

4.98

Weather Conditions

Partly Cloudy & cool

Water Color:

Clear

Odor:

None

Sediment Description

None

## LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-7</u>	<u>3x40ml VSA</u>	<u>Y</u>	<u>HCL</u>	<u>CoTBL</u>	<u>Co. BURLINGAME</u>

Comments



# WELL SAMPLING FIELD DATA SHEET

SAMPLER G. Sanchez F. Cline DATE 12-11-95  
 ADDRESS 7007 San Ramon Valley Rd #  
 CITY Dublin CA JOB # 5290.85  
 SS# 9-5542

Well ID NW-8 Well Condition OK  
 Well Location Description Ø

Well Diameter 2" in  
 Total Depth 34' ft  
 Depth to Liquid 20.46 ft

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

# of casing 3x 13.54 x 0.17 x (VF) 2.3 #Estimated 6.9 gal.  
 Volume

Purge Equipment Sartin Sampling Equipment Bahr #Estimated Purge Volume  
 Did well dewater No If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_

Starting Time 9:21 Purging Flow Rate 114 gpm.  
 Sampling Time 9:30

Time	pH	Conductivity	Temperature	Volume
<u>9:23</u>	<u>7.31</u>	<u>774</u>	<u>14.1</u>	<u>2.8</u>
<u>9:25</u>	<u>7.28</u>	<u>831</u>	<u>14.5</u>	<u>5.6</u>
<u>9:27</u>	<u>7.23</u>	<u>832</u>	<u>14.8</u>	<u>8.4</u>
<u>9:30</u>	<u>7.25</u>	<u>830</u>	<u>15.0</u>	<u>9.0</u>

Weather Conditions Partly Cloudy & cool  
 Water Color: clear Odor: \_\_\_\_\_  
 Sediment Description None

## LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-8</u>	<u>3x40ml VEA</u>	<u>Y</u>	<u>HCL</u>	<u>GTBL</u>	<u>CO2 BIKED NA 100</u>

Comments \_\_\_\_\_



# WELL SAMPLING FIELD DATA SHEET

SAMPLER G. Sanchez FICline DATE 12-16-95  
 ADDRESS 7007 San Ramon Valley Rd #  
 CITY Dublin CA SS# 529085  
9-5542

Well ID NW-9 Well Condition okay  
 Well Location Description \_\_\_\_\_

Well Diameter 2" in Hydrocarbon Thickness Ø  
 Total Depth 33.0 ft  
 Depth to Liquid 24.32 ft

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

# of casing 3x 9.18 x 0.17 x (VF) 1.6 #Estimated 4.8 gal.  
 Volume \_\_\_\_\_  
 Purge Equipment Bailer Sampling Equipment Bailer Volume \_\_\_\_\_

Did well dewater NO If yes, Time \_\_\_\_\_ Volume \_\_\_\_\_

Starting Time 10:33 Purging Flow Rate \_\_\_\_\_ gpm.  
 Sampling Time 10:39

Time	pH	Conductivity	Temperature	Volume
<u>10:35</u>	<u>7.14</u>	<u>779</u>	<u>16.2</u>	<u>2</u>
<u>10:37</u>	<u>7.04</u>	<u>787</u>	<u>16.8</u>	<u>4</u>
<u>10:39</u>	<u>7.03</u>	<u>786</u>	<u>16.7</u>	<u>6</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Weather Conditions Partly Cloudy & cool  
 Water Color: Clear Odor: None  
 Sediment Description Light silt

## LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-9</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GTBL</u>	<u>CO2 BLENDED</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comments \_\_\_\_\_  
 \_\_\_\_\_

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

Chevron Facility Number: 9-5342  
Facility Address: 7007 San Ramon Valley Rd. Dublin CA  
Consultant Project Number: 529085  
Consultant Name: Gettler-Ryan  
Address: 6747 Sierra Ct, Ste J, Dublin 94568  
Project Contact (Name): Deanna Harding  
(Phone) 510 551-7555 (Fax Number) 551-7888

Chevron Contact (Name): Brett Hunter  
(Phone): 842 8695  
Laboratory Name: GTEL  
Laboratory Release Number: 3499990  
Samples Collected by (Name): PiClina  
Collection Date: 12-16-95  
Signature: [Signature]

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water A = Air C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analysis To Be Performed											DO NOT BILL TB-LB ANALYSIS	Remarks			
								TPH Gas + BTEX w/MTBE (8016)	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)								
TB-LB	12/20/95	1 2	W	1/3		NCL	Y	X															
MW-8	400	2 3		G	1030																		Reports to GTEL
MW-7	400	3			1006																		
MW-2	400	4			1010																		
MW-3	400	5			1033																		
MW-6	400	6			1024																		
MW-9	400	7			1039																		
MW-4	400	8			1030																		
MW-1	400	9			1115																		

Relinquished By (Signature): <u>[Signature]</u>	Organization: <u>GTEL</u>	Date/Time: <u>12-16-95</u>	Received By (Signature): <u>Deanna Harding</u>	Organization: <u>GTEL</u>	Date/Time: <u>12/18/95</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature): <u>Deanna Harding</u>	Organization: <u>GTEL</u>	Date/Time: <u>12/18/95</u>	Received By (Signature): <u>John Weber</u>	Organization: <u>GTEL</u>	Date/Time: <u>12/18/95</u>	
Relinquished By (Signature): <u>John Weber</u>	Organization: <u>GTEL</u>	Date/Time: <u>12/18/95</u>	Received For Laboratory By (Signature): <u>[Signature]</u>		Date/Time: <u>12/18/95</u>	



# GTEL

ENVIRONMENTAL  
LABORATORIES, INC.

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

Project Number: 5290.85  
Chevron SS #9-5542  
7007 San Ramon Valley  
Rd.  
Dublin, CA

Work Order Number: W5-12-0400

RECEIVED

JAN 18 1996

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

January 5, 1996

Deanna Harding  
Gettler-Ryan  
6747 Sierra Ct.  
Suite J  
Dublin, CA 94568

Dear Deanna Harding:

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories on 12-18-95 under your chain-of-custody record.

A formal quality control/quality assurance 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.

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

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

Sincerely,

*Justin Ward, Project Coordinator for*  
Terry R. Loucks  
Laboratory Director

GTEL Wichita, Ks



# Sequoia Analytical

680 Chesapeake Drive Redwood City, CA 94063 (415) 364-9600 FAX (415) 364-9233  
 404 N. Wiget Lane Walnut Creek, CA 94598 (510) 988-9600 FAX (510) 988-9673  
 819 Striker Avenue, Suite 8 Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100

GTEL (Wichita) 4211 May Ave. Wichita, KS 67209 Attention: Justin Ward	Client Project ID: Chevron #9-5542 Sample Matrix: Water Analysis Method: EPA 5030/8015 Mod./8020 First Sample #: 512-1623	Sampled: Dec 16, 1995 Received: Dec 18, 1995 Reported: Jan 3, 1996
--	--	--

QC Batch Number: GC122995 GC122995 GC122995 GC122995 GC122995 GC122995 GC122995

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

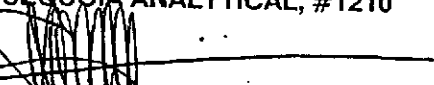
Analyte	Reporting Limit µg/L	Sample I.D. 512-1623 TB-LB	Sample I.D. 512-1624 MW-8	Sample I.D. 512-1625 MW-7	Sample I.D. 512-1626 MW-2	Sample I.D. 512-1627 MW-3	Sample I.D. 512-1628 MW-6
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.	N.D.	650	N.D.
Benzene	0.50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Toluene	0.50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.	N.D.	4.4	N.D.
Total Xylenes	0.50	N.D.	N.D.	N.D.	N.D.	6.5	N.D.
Chromatogram Pattern:		--	--	--	--	Gasoline	--

### Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	2.0	1.0
Date Analyzed:	12/29/95	12/29/95	12/29/95	12/29/95	12/29/95	12/29/95
Instrument Identification:	GCHP-02	GCHP-02	GCHP-02	GCHP-03	GCHP-02	GCHP-17
Surrogate Recovery, %: (QC Limits = 70-130%)	100	99	99	100	108	112

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
 Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1210

  
 Kenneth L. Wimer  
 Project Manager





# Sequoia Analytical

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834

(415) 364-9600  
(510) 988-9600  
(916) 921-9600

FAX (415) 364-9233  
FAX (510) 988-9673  
FAX (916) 921-0100

GTEL (Wichita)  
4211 May Ave.  
Wichita, KS 67209  
Attention: Justin Ward

Client Project ID: Chevron #9-5542  
Sample Matrix: Water  
Analysis Method: EPA 5030/8015 Mod./8020  
First Sample #: 512-1629

Sampled: Dec 15, 1995  
Received: Dec 18, 1995  
Reported: Jan 3, 1996

QC Batch Number: GC122995 GC122995 GC122995

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

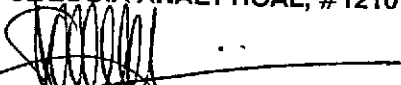
Analyte	Reporting Limit µg/L	BTEX20A		
		Sample I.D. 512-1629 MW-9	Sample I.D. 512-1630 MW-4	Sample I.D. 512-1631 MW-1
Purgeable Hydrocarbons	50	16,000	15,000	40,000
Benzene	0.50	1,900	2,900	7,000
Toluene	0.50	N.D.	960	6,300
Ethyl Benzene	0.50	680	420	570
Total Xylenes	0.50	1,200	1,200	2,500
Chromatogram Pattern:		Gasoline	Gasoline	Gasoline

### Quality Control Data

Report Limit Multiplication Factor:	50	200	400
Date Analyzed:	12/29/95	12/29/95	12/29/95
Instrument Identification:	GCHP-20	GCHP-02	GCHP-02
Surrogate Recovery, %: (QC Limits = 70-130%)	108	88	82

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1210

  
Kenneth L. Wimer  
Project Manager



# Sequoia Analytical

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834

(415) 364-9600  
(510) 988-9600  
(916) 921-9600

FAX (415) 364-9233  
FAX (510) 988-9673  
FAX (916) 921-0100

GTEL (Wichita)  
4211 May Ave.  
Wichita, KS 67209  
Attention: Justin Ward

Client Project ID: Chevron #9-5542  
Sample Descript: Water  
Analysis for: MTBE (Modified EPA 8020)  
First Sample #: 512-1623


Sampled: Dec 16, 1995  
Received: Dec 18, 1995  
Analyzed: Dec 29, 1995  
Reported: Jan 3, 1996

## LABORATORY ANALYSIS FOR: MTBE (Modified EPA 8020)

Sample Number	Sample Description	Detection Limit µg/L	Sample Result µg/L	QC Batch Number	Instrument ID
512-1623	TB-LB	2.5	N.D.	GC122995BTEX02A	GCHP-02
512-1624	MW-8	2.5	N.D.	GC122995BTEX02A	GCHP-02
512-1625	MW-7	2.5	N.D.	GC122995BTEX02A	GCHP-02
512-1626	MW-2	2.5	N.D.	GC122995BTEX03A	GCHP-03
512-1627	MW-3	2.5	12	GC122995BTEX02A	GCHP-02
512-1628	MW-6	2.5	7.3	GC122995BTEX17A	GCHP-17
512-1629	MW-9	2.5	N.D.	GC122995BTEX20A	GCHP-20
512-1630	MW-4	2.5	N.D.	GC122995BTEX02A	GCHP-02
512-1631	MW-1	2.5	N.D.	GC122995BTEX02A	GCHP-02

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

SEQUOIA ANALYTICAL, #1271

  
Kenneth L. Wimer  
Project Manager



GTEL (Wichita)  
4211 May Ave.  
Wichita, KS 67209  
Attention: Justin Ward

Client Project ID: Chevron #9-5542  
Matrix: Liquid

QC Sample Group: 5121623-631

Reported: Jan 3, 1996

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC122995	GC122995	GC122995	GC122995
	BTEX02A	BTEX02A	BTEX02A	BTEX02A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9512G93-05B	9512G93-05B	9512G93-05B	9512G93-05B
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/29/95	12/29/95	12/29/95	12/29/95
Analyzed Date:	12/29/95	12/29/95	12/29/95	12/29/95
Instrument I.D.#:	GCHP-02	GCHP-02	GCHP-02	GCHP-02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.7	9.4	9.5	28
MS % Recovery:	97	94	95	93
Dup. Result:	9.6	9.4	9.4	29
MSD % Recov.:	96	94	94	97
RPD:	1.0	0.0	1.1	3.5
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK122995	BLK122995	BLK122995	BLK122995
Prepared Date:	12/29/95	12/29/95	12/29/95	12/29/95
Analyzed Date:	12/29/95	12/29/95	12/29/95	12/29/95
Instrument I.D.#:	GCHP-02	GCHP-02	GCHP-02	GCHP-02
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.2	9.1	9.2	28
LCS % Recov.:	921	91	92	93

MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120
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**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

SEQUOIA ANALYTICAL, #1210

  
Kenneth L. Wimer  
Project Manager



GTEL (Wichita)  
4211 May Ave.  
Wichita, KS 67209  
Attention: Justin Ward

Client Project ID: Chevron #9-5542  
Matrix: Liquid

QC Sample Group: 5121623-631

Reported: Jan 3, 1996

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC122995	GC122995	GC122995	GC122995
Analy. Method:	BTEX03A	BTEX03A	BTEX03A	BTEX03A
Prep. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
MS/MSD #:	J. Woo	J. Woo	J. Woo	J. Woo
Sample Conc.:	9512G93-05B	9512G93-05B	9512G93-05B	9512G93-05B
Prepared Date:	N.D.	N.D.	N.D.	N.D.
Analyzed Date:	12/29/95	12/29/95	12/29/95	12/29/95
Instrument I.D.#:	12/29/95	12/29/95	12/29/95	12/29/95
Conc. Spiked:	GCHP-03	GCHP-03	GCHP-03	GCHP-03
Result:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
MS % Recovery:	9.6	9.4	9.3	28
Dup. Result:	96	94	93	93
MSD % Recov.:	9.1	8.9	8.8	27
RPD:	91	89	88	90
RPD Limit:	5.3	5.5	5.5	3.6
	0-50	0-50	0-50	0-50

LCS #:	BLK122995	BLK122995	BLK122995	BLK122995
Prepared Date:	12/29/95	12/29/95	12/29/95	12/29/95
Analyzed Date:	12/29/95	12/29/95	12/29/95	12/29/95
Instrument I.D.#:	GCHP-03	GCHP-03	GCHP-03	GCHP-03
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	9.4	9.2	9.0	27
LCS % Recov.:	94	92	90	90

MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120
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Client Project ID: Chevron #9-5542  
Matrix: Liquid

QC Sample Group: 5121623-631

Reported: Jan 3, 1996

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC122995	GC122995	GC122995	GC122995
	BTEX17A	BTEX17A	BTEX17A	BTEX17A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	D. Jirsa	D. Jirsa	D. Jirsa	D. Jirsa
MS/MSD #:	9512G93-05A	9512G93-05A	9512G93-05A	9512G93-05A
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/29/95	12/29/95	12/29/95	12/29/95
Analyzed Date:	12/29/96	12/29/96	12/29/96	12/29/96
Instrument I.D.#:	GCHP-17	GCHP-17	GCHP-17	GCHP-17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	12	12	12	37
MS % Recovery:	120	120	120	123
Dup. Result:	11	12	12	34
MSD % Recov.:	110	120	120	113
RPD:	8.7	0.0	0.0	8.5
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK122995	BLK122995	BLK122995	BLK122995
Prepared Date:	12/29/95	12/29/95	12/29/95	12/29/95
Analyzed Date:	12/29/96	12/29/96	12/29/96	12/29/96
Instrument I.D.#:	GCHP-17	GCHP-17	GCHP-17	GCHP-17
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	11	12	12	35
LCS % Recov.:	110	120	120	117


MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120
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Client Project ID: Chevron #9-5542  
Matrix: Liquid

QC Sample Group: 5121623-631

Reported: Jan 3, 1996

**QUALITY CONTROL DATA REPORT**

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes
QC Batch#:	GC122995	GC122995	GC122995	GC122995
	BTEX20A	BTEX20A	BTEX20A	BTEX20A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030
Analyst:	J. Woo	J. Woo	J. Woo	J. Woo
MS/MSD #:	9512G93-05C	9512G93-05C	9512G93-05C	9512G93-05C
Sample Conc.:	N.D.	N.D.	N.D.	N.D.
Prepared Date:	12/29/95	12/29/95	12/29/95	12/29/95
Analyzed Date:	12/29/96	12/29/96	12/29/96	12/29/96
Instrument I.D.#:	GCHP-20	GCHP-20	GCHP-20	GCHP-20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
Result:	9.1	9.0	9.0	26
MS % Recovery:	91	90	90	87
Dup. Result:	8.6	8.5	8.7	26
MSD % Recov.:	86	85	87	87
RPD:	5.6	5.7	3.4	0.0
RPD Limit:	0-50	0-50	0-50	0-50

LCS #:	BLK122995	BLK122995	BLK122995	BLK122995
Prepared Date:	12/29/95	12/29/95	12/29/95	12/29/95
Analyzed Date:	12/29/96	12/29/96	12/29/96	12/29/96
Instrument I.D.#:	GCHP-20	GCHP-20	GCHP-20	GCHP-20
Conc. Spiked:	10 µg/L	10 µg/L	10 µg/L	30 µg/L
LCS Result:	8.7	8.8	9.0	27
LCS % Recov.:	87	88	90	90


MS/MSD LCS Control Limits	71-133	72-128	72-130	71-120
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