



GETTLER-RYAN Inc.

July 3, 1996

Job #5110.80

Mr. Phil Briggs
Chevron USA Products Company
P.O. Box 5004
San Ramon, CA 94583

Re: Chevron Service Station #9-0260
21995 Foothill Boulevard
Hayward, California

Dear Mr. Briggs:

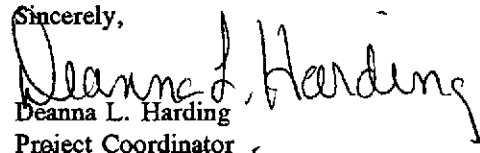
This report documents the quarterly groundwater sampling event performed by Gettler-Ryan Inc. (G-R). On May 29, 1996, field personnel were on-site to monitor thirteen wells (MW-4 through MW-14, MW-16 and MW-17) and sample eight wells (MW-4, MW-5, MW-8, MW-10, MW-12, MW-14, MW-16 and MW-17) at Chevron Service Station #9-0260 located at 21995 Foothill Boulevard in Hayward, California. One well, MW-15, was inaccessible.

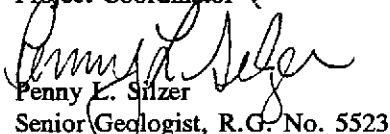
Static groundwater levels were measured on May 29, 1996. All wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were present in one of the site wells, MW-7. Static water level data and groundwater elevations are presented in Table 1. Separate-phase removal information is presented in Table 2. 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 NEI/GTEL Environmental Laboratories, Inc. Analytical results are presented in Table 1. The chain of custody document and laboratory analytical reports are attached.

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

Sincerely,

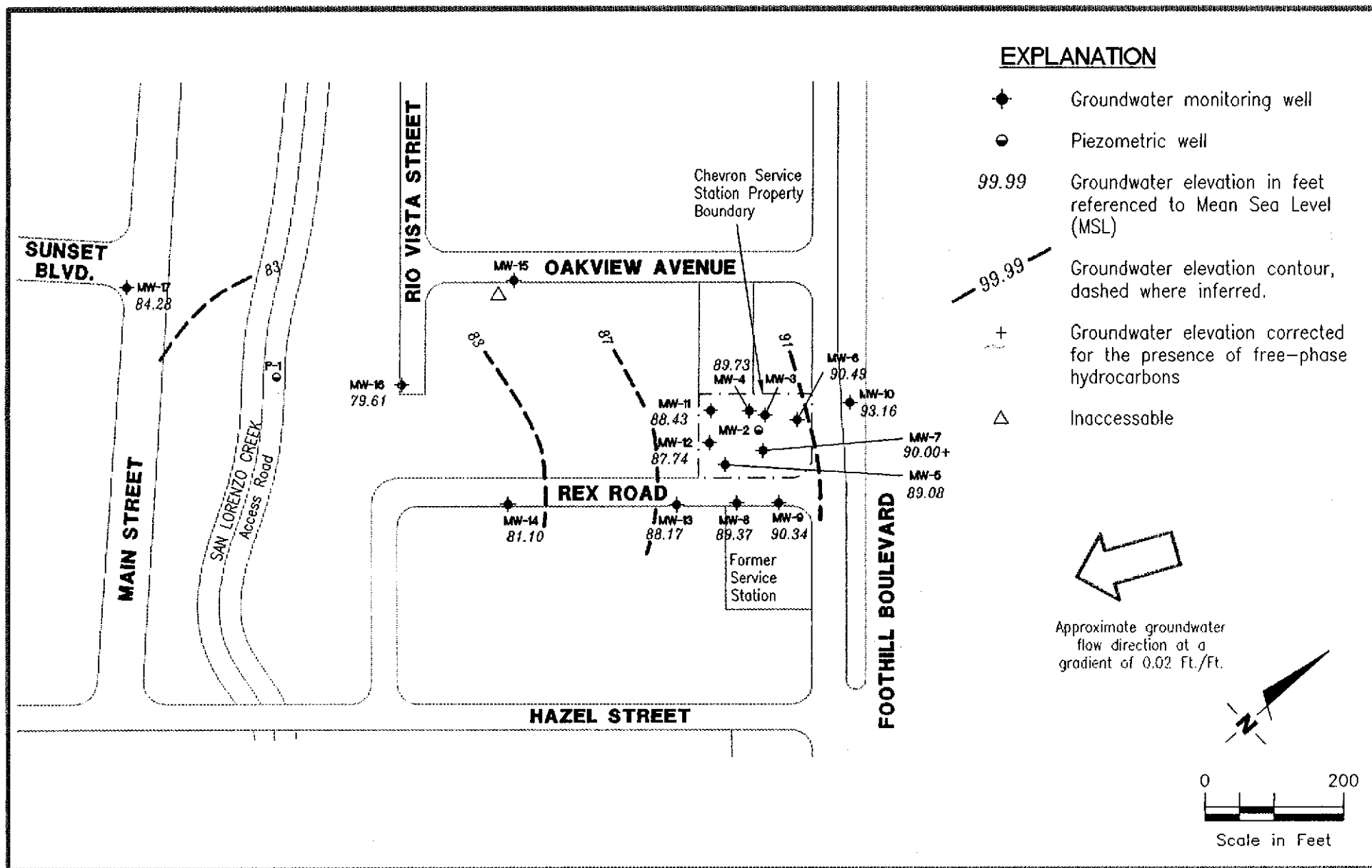

Deanna L. Harding
Project Coordinator


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



DLH/PLS/dlh
5110.QML

Figure 1: Potentiometric Map
Table 1: Water Level Data and Groundwater Analytical Results
Table 2: Separate-phase Removal Data
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Gettler - Ryan Inc.

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

POTENTIOMETRIC MAP
 Chevron Service Station No. 9-1260
 21995 Foothill Boulevard
 Hayward, California

DATE
 May 29, 1996

JOB NUMBER
 5110

REVIEWED BY

REVISED DATE

FIGURE

1



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product	TPH(G)	B	T	E	X	MTBE
				Thickness* (ft)						



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product	TPPH(G)	B	T	E	X	MTBE
				Thickness* (ft)						
<-----ppb----->										
MW-5 (cont)	11/6/90	15.14	84.83	0	370,000	38,000	36,000	4,700	31,000	—
	1/4/91	14.90	85.08	0.01	—	—	—	—	—	—
	4/3/91	11.56	88.41	0	140,000	36,000	32,000	2,700	17,000	—
	7/2/91	13.89	86.08	0	—	—	—	—	—	—
	10/2/91	15.26	84.71	0	230,000	34,000	31,000	2,700	16,000	—
	1/2/92	14.97	85.00	0	—	—	—	—	—	—
	4/7/92	13.44	86.53	0	220,000	35,000	30,000	2,500	14,000	—
	8/13/92	15.61	84.36	0	—	—	—	—	—	—
	12/3/92	16.29	83.68	<0.02 ^c	—	—	—	—	—	—
	3/25/93	10.97	89.00	0	—	—	—	—	—	—
	6/23/93	12.60	87.40	0.04	—	—	—	—	—	—
	9/21/93	14.00	85.99	0.03	—	—	—	—	—	—
	12/2/93	14.27	85.73	0.04	—	—	—	—	—	—
	3/8/94	12.16	87.81	0	—	—	—	—	—	—
	6/13/94	13.01	87.22	0.32	—	—	—	—	—	—
	10/4/94	15.56	84.41	0	—	—	—	—	—	—
	11/14/94	13.35	86.62	0	1,100,000	64,000	69,000	9,200	61,000	—
	5/15/95	10.18	89.79	0	<50	<0.5	<0.5	<0.5	<0.5	—
	8/4/95	11.77	88.20	0	—	—	—	—	—	—
	11/28/95	14.22	85.75	0	320,000	34,000	38,000	5,800	31,000	2,000
2/20/96 ¹¹	10.37	89.60	Sheen	—	—	—	—	—	—	
5/29/96	10.89	89.08	0	150,000	23,000	25,000	2,200	12,000	<500	
MW-6 101.43	2/5/88	—	—	0	53,000	5,100	4,400	2,100	14,000	—
	6/15/88	13.51	87.92	0	33,000	9,200	5,500	520	20,000	—
	9/27/88 ¹	14.56	86.87	0	17,000	2,200	2,800	1,700	5,100	—
	1/5/89	13.48	87.95	0	37,000	5,000	3,400	2,200	10,000	—
	4/6/89	12.60	88.83	0	—	—	—	—	—	—
	6/28/89	14.58	86.85	0	80,000	7,000	4,100	2,000	9,700	—
	10/3/89	13.03	88.40	0	110,000	8,500	5,100	2,600	14,000	—
	1/4/90	15.08	86.35	0	59,000	5,200	2,600	2,000	11,000	—
	4/3/90	14.06	87.37	0	31,000	6,600	2,600	2,200	12,000	—
	7/3/90	14.28	87.15	0	66,000	5,800	2,900	2,000	9,800	—
	11/6/90	16.10	85.33	0	—	—	—	—	—	—
	1/4/91	15.52	85.91	—	50,000	5,600	2,200	1,800	9,400	—
	4/3/91	11.03	90.40	0	—	—	—	—	—	—
	7/2/91	14.44	86.99	0	81,000	11,000	2,700	2,100	13,000	—
	10/2/91	16.22	85.21	0	—	—	—	—	—	—
	1/2/92	15.71	85.72	0	67,000	7,500	1,900	1,800	9,500	—



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPPH(G)	B	T	E	X	MTBE
					<-----ppb----->					
MW-6 (cont)	4/7/92	13.47	87.96	0	---	---	---	---	---	---
	8/13/92	15.97	85.46	0	---	---	---	---	---	---
	12/3/92	16.62	84.81	---	---	---	---	---	---	---
	3/25/93	10.58	90.85	0	110,000	12,000	2,900	4,200	14,000	---
	6/23/93	13.01	88.42	0	---	---	---	---	---	---
	9/21/93	14.74	86.69	0	62,000	12,000	1,400	2,100	12,000	---
	12/2/93	14.87	86.56	0	---	---	---	---	---	---
	3/8/94	12.04	89.39	0	61,000	7,000	1,500	1,500	7,400	---
	6/13/94	13.37	88.06	0	---	---	---	---	---	---
	10/4/94	15.56	85.87	0	78,000	13,000	940	1,900	10,000	---
	11/14/94	13.53	87.90	0	---	---	---	---	---	---
	5/15/95	10.53	90.90	0	---	---	---	---	---	---
	8/4/95	12.38	89.05	0	51,000	8,600	1,400	1,900	7,800	---
	11/28/95 ¹¹	14.63	86.80	0	---	---	---	---	---	---
	2/20/96	9.72	91.71	0	59,000	11,000	1,600	2,100	9,400	<500
	5/29/96 ¹¹	10.94	90.49	0	---	---	---	---	---	---
MW-7 100.91	2/5/88	---	---	---	81,000	34,000	36,000	2,400	16,000	---
	6/15/88	12.57	88.34	---	77,000	40,000	41,000	1,400	24,000	---
	9/27/88 ^{1,7}	13.60	87.31	---	30,000	9,700	8,900	400	4,100	---
	1/5/89	12.98	87.93	---	96,000	36,000	38,000	2,800	16,000	---
	4/6/89	12.34	88.57	---	---	---	---	---	---	---
	6/28/89	14.08	86.83	---	110,000	31,000	30,000	2,600	16,000	---
	10/3/89	14.53	86.38	---	230,000	34,000	34,000	2,400	15,000	---
	1/4/90	14.49	86.42	---	150,000	41,000	40,000	2,400	15,000	---
	4/3/90	13.66	87.25	---	100,000	31,000	28,000	2,100	16,000	---
	7/3/90	13.86	87.05	---	190,000	30,000	27,000	1,800	13,000	---
	11/6/90	15.58	85.33	---	160,000	27,000	25,000	1,900	15,000	---
	1/4/91	15.25	85.66	---	---	---	---	---	---	---
	4/3/91	11.41	89.50	---	240,000	40,000	36,000	2,400	18,000	---
	7/2/91	14.18	86.73	---	---	---	---	---	---	---
	10/2/91	15.78	85.13	---	220,000	26,000	27,000	2,500	18,000	---
	1/2/92	15.45	85.46	---	---	---	---	---	---	---
	4/7/92	13.48	87.43	---	260,000	27,000	26,000	2,400	15,000	---
	8/13/92	15.89	85.02	---	---	---	---	---	---	---
	12/3/92	16.43	84.48	---	330,000	29,000	31,000	3,300	18,000	---
	3/25/93	11.10	89.81	---	---	---	---	---	---	---
	6/23/93	13.63	88.13	1.06	---	---	---	---	---	---
	9/21/93	14.88	86.57	0.67	---	---	---	---	---	---



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product	TPPH(G)	B	T	E	X	MTBE
				Thickness* (ft)						
<-----ppb----->										
MW-7 (cont)	12/2/93	14.74	86.32	0.19	—	—	—	—	—	—
	3/8/94	12.37	88.54	0	—	—	—	—	—	—
	6/13/94	13.12	88.03	0.30	—	—	—	—	—	—
	10/4/94 ¹⁰	—	—	—	—	—	—	—	—	—
	11/14/94	13.83	87.22 ¹²	0.18	—	—	—	—	—	—
	5/15/95	11.07	89.85	0.01	<50	<0.5	<0.5	<0.5	<0.5	—
	8/4/95	12.53	88.38	0	—	—	—	—	—	—
	11/28/95	14.62	86.53 ¹²	0.30	—	—	—	—	—	—
	2/20/96 ¹¹	10.09	90.84 ¹²	0.02	—	—	—	—	—	—
	5/29/96	10.93	90.00 ¹²	0.02	—	—	—	—	—	—
MW-8	10/27/88	—	—	—	190,000	27,000	43,000	2,200	15,000	—
99.67	1/5/89	12.02	87.65	—	87,000	24,000	39,000	3,000	15,000	—
	4/6/89	11.78	87.89	—	—	—	—	—	—	—
	6/28/89	13.40	86.27	—	120,000	22,000	35,000	2,900	16,000	—
	10/3/89	13.84	85.92	0.11	—	—	—	—	—	—
	1/4/90	13.99	85.76	0.10	—	—	—	—	—	—
	4/3/90	13.07	86.84	0.30	—	—	—	—	—	—
	7/3/90	13.11	86.59	0.04	—	—	—	—	—	—
	11/6/90	14.77	85.02	0.15	—	—	—	—	—	—
	1/4/91	14.59	85.22	0.18	—	—	—	—	—	—
	4/3/91	11.53	88.18	0.05	—	—	—	—	—	—
	7/2/91	13.71	86.34	0.48	—	—	—	—	—	—
	10/2/91	14.84	85.05	0.27	—	—	—	—	—	—
	1/2/92	15.05	84.86	0.30	—	—	—	—	—	—
	4/7/92	12.17	87.73	0.29	—	—	—	—	—	—
	8/13/92	14.96	84.96	0.31	—	—	—	—	—	—
	12/3/92	15.85	84.44	0.78	—	—	—	—	—	—
	3/25/93	10.78	88.89	—	—	—	—	—	—	—
	6/23/93	12.27	87.60	0.25	—	—	—	—	—	—
	9/21/93	13.68	86.25	0.32	—	—	—	—	—	—
	12/2/93	14.00	85.86	0.24	—	—	—	—	—	—
	3/8/94	11.84	87.83	0	—	—	—	—	—	—
	6/13/94	12.11	87.58	0.03	—	—	—	—	—	—
	10/4/94	14.20	85.47	0	—	—	—	—	—	—
	11/14/94	14.06	85.61	0	140,000	12,000	36,000	2,400	17,000	—
	5/15/95	9.95	89.72	0	<50	<0.5	<0.5	<0.5	<0.5	—
	8/4/95	11.14	88.53	0	—	—	—	—	—	—
	11/28/95	13.32	86.35	0	100,000	6,900	34,000	2,700	16,000	650



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPPH(G)	B	T	E	X	MTBE
						<-----ppb----->				
MW-8	2/20/96 ¹¹	10.00	89.67	0	—	—	—	—	—	—
(cont)	5/29/96	10.30	89.37	0	130,000	8,800	30,000	2,300	14,000	<500
MW-9	10/27/88	—	—	—	50,000	2,000	9,900	2,000	14,000	—
	1/5/89	12.63	88.52	0	55,000	670	8,900	3,400	16,000	—
101.15	4/6/89	12.46	88.69	0	—	—	—	—	—	—
	6/28/89	14.04	87.11	0	100,000	510	4,500	2,600	13,000	—
	10/3/89	14.61	86.54	0	130,000	540	8,000	3,200	17,000	—
	1/4/90	14.59	86.56	0	83,000	600	4,600	2,600	14,000	—
	4/3/90	13.75	87.40	0	52,000	1,600	5,400	3,100	16,000	—
	7/3/90	13.84	87.31	0	100,000	520	5,400	3,200	16,000	—
	11/6/90	15.42	85.73	0	—	—	—	—	—	—
	1/4/91	15.37	85.78	0	59,000	1,100	5,600	2,500	13,000	—
	4/3/91	12.27	88.88	0	—	—	—	—	—	—
	7/2/91	14.17	86.98	0	130,000	1,900	7,600	3,600	20,000	—
	10/2/91	15.68	85.47	0	—	—	—	—	—	—
	1/2/92	15.65	85.50	0	100,000	3,300	8,200	2,800	14,000	—
	4/7/92	13.84	87.31	0	—	—	—	—	—	—
	8/13/92	15.50	85.65	0	45,000	1,300	3,000	1,500	7,100	—
	12/3/92	16.66	84.49	0	—	—	—	—	—	—
	3/25/93	11.48	89.67	0	220,000	540	3,200	2,100	18,000	—
	6/23/93	12.83	88.32	0	—	—	—	—	—	—
	9/21/93	14.31	86.84	0	54,000	1,900	3,400	1,700	9,100	—
	12/2/93	14.70	86.46	0.01	—	—	—	—	—	—
	3/8/94	12.63	88.52	0	49,000	800	780	390	3,600	—
	6/13/94	13.65	87.50	0	—	—	—	—	—	—
	10/4/94	15.20	85.95	0	180,000	2,600	5,400	1,700	11,000	—
	11/14/94	14.25	86.90	0	—	—	—	—	—	—
	5/15/95	10.64	90.51	0	—	—	—	—	—	—
	8/4/95	11.89	89.26	0	42,000	1,400	2,700	1,700	9,000	—
	11/28/95 ¹¹	13.92	87.23	0	—	—	—	—	—	—
	2/20/96	10.61	90.54	Sheen	41,000	1,600	1,700	750	6,500	<100
	5/29/96 ¹¹	10.81	90.34	0	—	—	—	—	—	—
MW-10	10/27/88 ¹	—	—	—	<500	26	13	<5	<5	—
	1/5/89	12.64	89.72	0	<1,000	<0.3	<0.3	<0.3	<0.3	—
102.36	4/6/89	11.38	90.98	—	—	—	—	—	—	—
	6/28/89	13.64	88.72	0	<500	<0.5	<0.5	<0.5	<0.5	—



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-10 (cont)	10/3/89	13.85	88.51	0	<500	<0.5	<0.5	<0.5	<0.5	---
	1/4/90	13.75	88.61	0	<50	0.5	1.1	<0.5	1.7	---
	4/3/90	12.86	89.50	0	<50	<0.5	<0.5	<0.5	<0.5	---
	7/3/90	13.43	88.93	---	---	---	---	---	---	---
	11/6/90	14.82	87.54	---	---	---	---	---	---	---
	1/4/91	13.98	88.38	0	<50	<0.5	<0.5	<0.5	<0.5	---
	4/3/91	9.79	92.57	---	---	---	---	---	---	---
	7/2/91	12.28	90.08	---	---	---	---	---	---	---
	10/2/91	14.53	87.83	---	---	---	---	---	---	---
	1/2/92	13.60	88.76	0	<50	<0.5	<0.5	<0.5	<0.5	---
	4/7/92	11.83	90.53	---	---	---	---	---	---	---
	8/13/92	13.95	88.41	---	---	---	---	---	---	---
	12/3/92	13.96	88.40	---	---	---	---	---	---	---
	3/25/93	8.45	93.91	0	<50	<0.5	<0.5	<0.5	<1.5	---
	6/23/93	11.60	91.03	0	---	---	---	---	---	---
	9/21/93	13.32	89.31	0	---	---	---	---	---	---
	12/2/93	13.27	89.36	0	---	---	---	---	---	---
	3/8/94	10.85	91.51	0	<50	<0.5	<0.5	<0.5	<0.5	---
	6/13/94	---	---	---	---	---	---	---	---	---
	10/4/94	13.90	88.46	0	---	---	---	---	---	---
	11/14/94	11.80	90.56	0	<50	<0.5	<0.5	<0.5	<0.5	---
	5/15/95	8.98	93.38	0	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	10.44	91.92	0	<50	<0.5	<0.5	<0.5	<0.5	---
	11/28/95	13.55	88.81	0	<50	1.6	0.81	<0.5	<0.5	<0.60
	2/20/96	8.52	93.84	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/29/96	9.20	93.16	0	<50	<0.5	<0.5	<0.5	0.9	<5.0
MW-11 99.97	6/28/89	14.33	85.64	0	60,000	36,000	13,000	2,500	12,000	---
	10/3/89	14.61	85.36	0	14,000	4,200	1,400	240	1,300	---
	1/4/90	14.55	85.42	0	82,000	33,000	11,000	2,000	10,000	---
	4/3/90	13.82	86.15	0	78,000	35,000	12,000	2,300	12,000	---
	7/3/90	14.00	85.97	0	140,000	32,000	12,000	2,100	10,000	---
	11/6/90	15.56	84.41	0	---	---	---	---	---	---
	1/4/91	14.88	---	0.30	---	---	---	---	---	---
	4/3/91	10.75	---	0.21	340,000	29,000	14,000	3,700	24,000	---
	7/2/91	13.97	---	0.02	130,000	27,000	14,000	2,200	12,000	---
	10/2/91	15.60	---	---	---	---	---	---	---	---
	1/2/92	14.51	85.46	0	77,000	18,000	14,000	1,900	10,000	---
	4/7/92	13.13	86.84	0	---	---	---	---	---	---



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product	TPPH(G)	B	T	E	X	MTBE
				Thickness* (ft)						
<										



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPPH(G)	B	T	E	X	MTBE
						<-----ppb----->				
MW-13 98.47	6/28/89	13.22	85.25	0	54,000	12,000	10,000	1,900	15,000	---
	10/3/89	13.54	84.93	0	120,000	10,000	10,000	2,300	15,000	---
	1/4/90	13.64	84.83	0	87,000	6,800	10,000	2,000	12,000	---
	4/3/90	12.95	85.52	0	53,000	12,000	14,000	2,900	17,000	---
	7/3/90	13.05	85.42	0	90,000	8,400	11,000	2,000	11,000	---
	11/6/90	14.12	84.35	---	---	---	---	---	---	---
	1/4/91	14.05	84.42	0	72,000	5,500	12,000	2,300	12,000	---
	4/3/91	11.41	87.06	---	---	---	---	---	---	---
	7/2/91	13.17	85.30	0	120,000	12,000	13,000	2,500	14,000	---
	10/2/91	14.24	84.23	---	---	---	---	---	---	---
	1/2/92	14.13	84.34	0.03	---	---	---	---	---	---
	4/7/92	13.06	85.41	---	---	---	---	---	---	---
	8/13/92	14.26	84.21	0	84,000	7,400	11,000	2,600	13,000	---
	12/3/92	14.82	83.65	---	---	---	---	---	---	---
	3/25/93	10.73	87.74	0	97,000	5,200	2,500	7,200	12,000	---
	6/23/93	11.97	86.50	0	---	---	---	---	---	---
	9/21/93	13.08	85.39	0	80,000	7,600	9,000	2,900	14,000	---
	12/2/93	13.45	85.02	0	---	---	---	---	---	---
	3/8/94	11.75	86.72	0	78,000	5,300	7,600	2,600	10,000	---
	6/13/94	12.30	86.17	0	---	---	---	---	---	---
	10/4/94	14.18	84.29	0	39,000	2,300	2,700	850	4,600	---
	11/14/94	12.62	85.85	0	---	---	---	---	---	---
	5/15/95	9.93	88.54	---	---	---	---	---	---	---
	8/4/95	11.08	87.39	0	47,000	7,700	10,000	2,900	10,000	---
	11/28/95 ¹¹	12.95	85.52	0	---	---	---	---	---	---
2/20/96	9.86	88.61	0	59,000	5,500	5,500	2,900	8,800	<120	
5/29/96 ¹¹	10.30	88.17	0	---	---	---	---	---	---	
MW-14 99.68	8/29/90*	21.39	78.29	0	970	4	2	0.7	2	---
	11/6/90	21.62	78.06	0	920	10	10	4	9	---
	1/4/91	21.69	77.99	0	1,000	<0.5	4.0	2.6	4.2	---
	4/3/91	19.53	80.15	0	1,200	380	6	7	18	---
	7/2/91	20.93	78.75	0	460	27	1.0	1.2	1.0	---
	10/2/91	21.52	78.16	0	480	6.7	0.8	1.4	1.8	---
	1/2/92	21.43	78.25	0	1,100	2.4	1.5	6.2	18	---
	4/7/92	21.36	78.32	0	290	<0.5	1.4	<0.5	1.2	---
	8/13/92	21.07	78.61	0	370	10	1.2	<0.5	0.9	---
	12/3/92	21.67	78.01	0	230	1.3	<0.5	<0.5	<0.5	---
	3/25/93	19.03	80.65	0	390	57	2.1	1.3	1.7	---



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPPH(G)	B	T	E	X	MTBE
						←-----ppb----->				
MW-14 (cont)	6/23/93	19.94	79.74	0	4,400	460	220	16	62	---
	9/21/93	20.65	79.03	0	680	8.7	1.7	3.2	12	---
	12/2/93	21.05	78.63	0	900	0.8	7	3	7	---
	3/8/94	20.05	79.63	0	1,700	2.4	7.7	5.6	14	---
	6/13/94	20.21	79.47	0	750	0.8	8.0	3.2	5.7	---
	10/4/94	20.70	78.98	0	130	3.4	5.4	<0.5	2.0	---
	11/14/94	20.00	79.68	0	9,900	620	1,600	120	920	---
	5/15/95	18.49	81.19	0	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	19.38	80.30	0	1,000	170	58	6.6	20	---
	11/28/95	20.33	79.35	0	1,500	300	72	65	190	<6.0
	2/20/96	16.96	82.72	0	70	<0.5	<0.5	<0.5	<0.5	<5.0
	5/29/96	18.58	81.10	0	1,600	170	39	5.0	21	6.3
MW-15 96.06	8/29/90 ^a	16.58	79.48	0	2,000	26	2	72	110	---
	11/6/90	17.43	78.63	0	1,300	40	5	45	63	---
	1/4/91	16.37	79.69	0	1,700	46	2.8	58	86	---
	4/3/91	12.46	83.60	0	2,100	74	0.8	44	85	---
	7/2/91	16.53	79.53	0	1,700	39	<0.5	35	46	---
	10/2/91	17.33	78.73	0	1,100	50	<0.5	40	33	---
	1/2/92	16.46	79.60	0	1,300	51	<0.5	30	30	---
	4/7/92	14.70	81.36	0	2,600	98	<5	64	36	---
	8/13/92	16.72	79.34	0	510	55	<0.5	35	2.8	---
	12/3/92	17.43	78.63	0	1,000	64	0.9	22	4.4	---
	3/25/93	13.33	82.73	0	1,300	86	52	0.7	7.7	---
	6/23/93	15.23	80.83	0	7,300	34	<0.5	85	160	---
	9/21/93	16.32	79.74	0	1,500	39	<0.5	32	33	---
	12/2/93	16.57	79.49	0	990	28	4	8	10	---
	3/8/94	14.61	81.45	0	3,400	44	4.0	28	53	---
	10/4/94	16.48	79.58	0	310	11	10	2.2	12	---
	11/14/94	14.20	81.86	0	450	27	2.4	2.2	4.2	---
	5/15/95	13.38	82.68	0	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	14.91	81.15	0	<50	0.6	<0.5	<0.5	0.8	---
	11/28/95	16.12	79.94	0	<50	<0.5	<0.5	<0.5	<0.5	<0.60
	2/20/96	10.98	85.08	0	1,600	25	0.5	20	38	16
	5/29/96 ¹³	---	---	---	---	---	---	---	---	---
MW-16 98.15	8/29/90	20.89	77.26	0	11,000	6,000	51	1,100	20	---
	11/6/90	21.27	76.88	0	15,000	6,300	340	1,300	540	---
	1/4/91	21.63	76.52	0	16,000	6,800	820	1,300	1,500	---



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPPH(G)	B	T	E	X	MTBE
←-----ppb----->										
MW-16 (cont)	4/3/91	19.32	78.83	0	45,000	7,300	2,200	1,800	4,900	---
	7/2/91	20.68	77.47	0	30,000	6,400	530	1,500	1,800	---
	10/2/91	21.18	76.97	0	24,000	4,600	450	1,400	1,600	---
	1/2/92	21.30	76.85	0	20,000	4,700	240	1,200	1,100	---
	4/7/92	20.19	77.96	0	40,000	5,000	980	1,100	2,100	---
	8/13/92	20.77	77.38	0	17,000	4,500	240	860	530	---
	12/3/92	21.44	76.71	0	39,000	4,600	410	1,100	2,200	---
	3/25/93	18.83	79.32	0	39,000	5,500	1,400	690	2,000	---
	6/23/93	19.72	78.43	0	29,000	6,600	1,200	1,400	3,700	---
	9/21/93	20.38	77.77	0	36,000	6,300	340	1,200	1,800	---
	12/2/93	20.84	77.31	0	28,000	5,600	230	900	820	---
	3/8/94	20.27	77.88	0	35,000	6,500	760	1,000	1,300	---
	10/4/94	20.58	77.57	0	39,000	9,700	680	1,300	3,300	---
	11/14/94	20.12	78.03	0	26,000	5,500	640	690	1,800	---
	5/15/95	18.16	79.99	0	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	19.30	78.85	0	23,000	6,200	1,900	1,500	4,500	---
	11/28/95	20.42	77.73	0	38,000	6,200	1,700	1,800	5,700	<120
	2/20/96	16.40	81.75	0	46,000	6,600	2,200	2,400	7,300	<250
	5/29/96	18.54	79.61	0	54,000	6,300	1,600	2,200	7,900	<250
MW-17 106.00	8/13/92	23.30	82.70	0	<50	<0.5	<0.5	<0.5	<0.5	---
	12/3/92	24.74	81.26	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/25/93	22.14	83.86	0	<50	<0.5	<0.5	<0.5	<1.5	---
	6/23/93	23.02	82.98	0	<50	<0.5	<0.5	<0.5	1	---
	9/21/93	23.09	82.91	0	<50	<0.5	<0.5	<0.5	<0.8	---
	12/2/93	23.37	82.63	0	---	---	---	---	---	---
	3/8/94	22.83	83.17	0	<50	<0.5	<0.5	<0.5	<0.5	---
	6/13/94	22.62	83.38	0	<50	1.2	1.1	<0.5	0.9	---
	10/4/94	23.00	83.00	0	62	8.0	2.9	0.7	3.1	---
	11/14/94	23.03	82.97	0	550	22	120	8.9	84	---
	5/15/95	21.72	84.28	0	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	22.37	83.63	0	<50	<0.5	<0.5	<0.5	<0.5	---
	11/28/95	22.97	83.03	0	<50	<0.5	<0.5	<0.5	<0.5	<0.60
	2/20/96	21.78	84.22	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/29/96	21.72	84.28	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPPH(G) <-----ppb----->	B	T	E	X	MTBE
P-1	8/13/92	10.02	76.41	0	---	---	---	---	---	---
	12/3/92	10.80	75.63	0	---	---	---	---	---	---
86.43	3/25/93	8.95	77.48	0	---	---	---	---	---	---
Rinseate	1/5/89	---	---	---	<1,000	<0.3	<0.3	<0.3	<0.3	---
	3/8/94	---	---	---	<50	1	1.4	<0.5	1.5	---
TBLB	1/5/89	---	---	---	<1,000	<0.3	<0.3	<0.3	<0.3	---
	10/3/89	---	---	---	<500	<0.5	<0.5	<0.5	<0.5	---
	1/4/90	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	4/3/90	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	7/3/90	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	11/6/90	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	1/4/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	4/3/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	7/2/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/2/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	1/2/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	4/7/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	8/13/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	12/3/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/25/93	---	---	---	<50	<0.5	<0.5	<0.5	<1.5	---
	6/23/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	9/21/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.8	---
	12/2/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/8/94	---	---	---	<50	0.6	0.8	<0.5	0.6	---
	6/13/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/4/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	11/14/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	5/15/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	11/28/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<0.60
	2/20/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/29/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0



Table 1. Water Level Data and Groundwater Analytical Results - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California (continued)

EXPLANATION:

TOC = Top of Casing
DTW = Depth to water
GWE = Groundwater elevation in feet above mean sea level
TPH(G) = Total Purgeable Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl-tertiary-butyl-ether
DCE = 1,2 - Dichloroethane
EDB = Ethylene dibromide
VOCs = Volatile organic compounds
ppb = Parts per billion
-- = Not analyzed/Not applicable

ANALYTICAL METHODS:

Total fuel & aromatic volatile hydrocarbons = EPA Method 524.2/8240
TPH(G) = EPA Method 8015/5030
BTEX = EPA Method 8020
MTBE = EPA Method 8020

NOTES:

Water level elevation data and laboratory analytical results prior to May 15, 1995 were compiled from Quarterly Monitoring Reports prepared for Chevron by Sierra Environmental Services.

- * Product thickness measured with an MMC flexi-dip interface probe.
- ¹ Samples analyzed by Fuel Fingerprint Analysis.
- ² EDB not detected at detection limits of 5,000 ppb.
- ³ Sample was analyzed a second time after the holding time expired to confirm the high TPH-G concentration reported in the original analysis.
- ⁴ DCE and EDB detected at 270 and 230 ppb, respectively.
- ⁵ DCE and EDB detected at 410 and 420 ppb, respectively.
- ⁶ Estimated thickness.
- ⁷ DCE detected at 2,600 ppb. EDB not detected at detection limits of 10 ppb.
- ⁸ DCE was detected at 1 ppb. Other VOCs not detected at detection limits of 0.5 to 4.0 pb.
- ⁹ Chloroform detected, concentration not stated. Other VOCs not detected at detection limits of 25 to 500 ppb.
- ¹⁰ Well not accessible due to down hole equipment.
- ¹¹ Well sampled semi-annually.
- ¹² GWE corrected for the presence of free-phase hydrocarbons using the formula $GWE = [(TOC - DTW) + (0.8)(Product\ Thickness)]$. 0.8 is the assumed specific gravity of free-phase hydrocarbons.



Table 2. Product Thickness and Product Bailed - Chevron Service Station #9-0260, 21995 Foothill Boulevard, Hayward, California

Well ID	Date	Initial	Gallons Bailed (product + water)
		Product Thickness (ft)	
MW-7	11/14/94	0.18	0.5
	11/28/95	0.30	2.0
	2/20/96	0.02	0.0625
	5/29/96	0.02	0.5



STANDARD OPERATING PROCEDURE - 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.

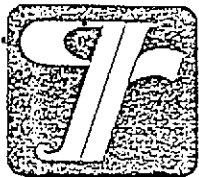
After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. 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 USA Products Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



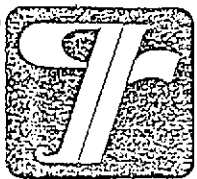
WELL SAMPLING FIELD DATA SHEET

SAMPLER	<u>F. Cline</u>	DATE	<u>5-29-96</u>												
ADDRESS	<u>21995 Foothill Blvd</u>	JOB #	<u>5110.85</u>												
CITY	<u>Hayward CA</u>	SS#	<u>5-0660</u>												
Well ID	<u>NW-4</u>	Well Condition	<u>okay</u>												
Well Location Description															
Well Diameter	<u>2" - 4" in</u>	Hydrocarbon Thickness	<u>0</u>												
Total Depth	<u>21.50 ft</u>	<table border="1"><tr><td>Volume</td><td>2" = 0.17</td><td>6" = 1.50</td><td>12" = 5.80</td></tr><tr><td>Factor</td><td>3" = 0.38</td><td></td><td></td></tr><tr><td>(VF)</td><td>4" = 0.66</td><td></td><td></td></tr></table>		Volume	2" = 0.17	6" = 1.50	12" = 5.80	Factor	3" = 0.38			(VF)	4" = 0.66		
Volume	2" = 0.17			6" = 1.50	12" = 5.80										
Factor	3" = 0.38														
(VF)	4" = 0.66														
Depth to Liquid	<u>11.00 ft</u>														
# of casing Volume	<u>3x 10.50</u>	x <u>0.17</u> <u>0.66</u> (VF)	<u>6.9</u> #Estimated <u>20.7</u> gal.												
Purge Equipment	<u>Stack / Suction</u>	Sampling Equipment	<u>Barlow</u>												
Did well dewater	<u>No</u>	If yes, Time	Volume												
Starting Time	<u>946</u>	Purging Flow Rate	<u>3.5</u> gpm.												
Sampling Time	<u>955</u>														
Time	pH	Conductivity	Temperature	Volume											
<u>948</u>	<u>6.97</u>	<u>462</u>	<u>18.9</u>	<u>7</u>											
<u>950</u>	<u>6.83</u>	<u>475</u>	<u>19.1</u>	<u>14</u>											
<u>952</u>	<u>6.84</u>	<u>480</u>	<u>19.1</u>	<u>21</u>											
<u>955</u>	<u>6.88</u>	<u>479</u>	<u>19.1</u>	<u>22</u>											
Weather Conditions	<u>Sunny warm & clear</u>														
Water Color:	<u>clear</u>	Odor:	<u>None - M.I.C.</u>												
Sediment Description	<u>None</u>														

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
NW-4	3x40ml VOA	Y	HEC	GTBL	CAUS BYA MTC

Comments



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 5-29-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-0266

Well ID NW-5 Well Condition okay

Well Location Description

Well Diameter 2" - 4" in Hydrocarbon Thickness 0

Total Depth 18.60 ft

Depth to Liquid 10.89 ft

of casing 3x 7.71 x 0.17 (0.66) x (VF) 5.1 #Estimated 10.3 gal.
Volume

Purge Equipment Stack / Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1040 Purging Flow Rate 2.6 gpm.

Sampling Time 1050

Time	pH	Conductivity	Temperature	Volume
<u>1042</u>	<u>6.58</u>	<u>475</u>	<u>21.8</u>	<u>5.2</u>
<u>1044</u>	<u>6.60</u>	<u>523</u>	<u>20.1</u>	<u>10.4</u>
<u>1046</u>	<u>6.67</u>	<u>570</u>	<u>20.0</u>	<u>15.6</u>
<u>1050</u>	<u>6.68</u>	<u>570</u>	<u>20.6</u>	<u>16.0</u>

Weather Conditions Sunny warm & clear

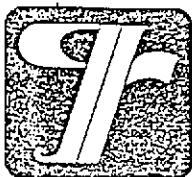
Water Color: clear Odor: None (Mild)

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-5</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GT&L</u>	<u>CONDUCTIVITY</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Clinic DATE 5-29-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-0266

Well ID NW-6 Well Condition _____

Well Location Description _____

Well Diameter 2" - 4" in Hydrocarbon Thickness _____

Total Depth _____ ft

Depth to Liquid 16.94 ft

of casing 3x Volume 0.17 - 0.66 x (VF) _____ #Estimated _____ gal.

Purge Equipment Stack / Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

Time pH Conductivity Temperature Volume

W/L only

Weather Conditions Sunny warm & clear

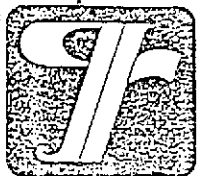
Water Color: clear Odor: None - Mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HEC</u>	<u>Co TEL</u>	<u>Gas Bix & M70E</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 5-29-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-0266

Well ID NW-7 Well Condition okay

Well Location Description

Well Diameter 2" - 4" in

Hydrocarbon Thickness 0.02

Total Depth 10.93 ft

Depth to Liquid 10.93 ft

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

of casing 3x Volume 0.17 - 0.66 x (VF) 0.17 #Estimated 0.02 gal.
Purge Equipment Stack / Suction Sampling Equipment Bailer Volume

Did well dewater No If yes, Time Volume

Starting Time Purging Flow Rate gpm.

Sampling Time

Time	pH	Conductivity	Temperature	Volume
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Weather Conditions Sunny warm & clear

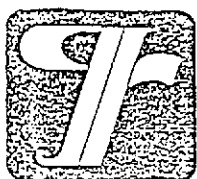
Water Color: clear Odor: None - mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-7</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GTIEL</u>	<u>Cons BVA 11/20</u>

Comments



WELL SAMPLING FIELD DATA SHEET

SAMPLER	<u>F. Clinic</u>	DATE	<u>5-29-96</u>												
ADDRESS	<u>21995 Foothill Blvd</u>	JOB #	<u>5110.85</u>												
CITY	<u>Hayward CA</u>	SS#	<u>9-0266</u>												
Well ID	<u>NW-8</u>	Well Condition	<u>okay</u>												
Well Location Description															
Well Diameter	<u>2" - 4"</u> in	Hydrocarbon Thickness	<u>0</u>												
Total Depth	<u>18.4</u> ft	<table><tr><td>Volume</td><td>2" = 0.17</td><td>6" = 1.50</td><td>12" = 5.80</td></tr><tr><td>Factor</td><td>3" = 0.38</td><td></td><td></td></tr><tr><td>(VF)</td><td>4" = 0.66</td><td></td><td></td></tr></table>		Volume	2" = 0.17	6" = 1.50	12" = 5.80	Factor	3" = 0.38			(VF)	4" = 0.66		
Volume	2" = 0.17			6" = 1.50	12" = 5.80										
Factor	3" = 0.38														
(VF)	4" = 0.66														
Depth to Liquid	<u>10.30</u> ft														
# of casing Volume	<u>3x 8.10</u>	x <u>0.17</u> (<u>0.66</u>) x (VF) <u>53</u>	# Estimated purge Volume <u>16</u> gal.												
Purge Equipment	<u>Stack / Suction</u>	Sampling Equipment	<u>Boiler</u>												
Did well dewater	<u>No</u>	If yes, Time	Volume												
Starting Time	<u>1003</u>	Purging Flow Rate	<u>3</u> gpm.												
Sampling Time	<u>1011</u>														
Time	pH	Conductivity	Temperature	Volume											
<u>1005</u>	<u>6.89</u>	<u>552</u>	<u>19.4</u>	<u>6</u>											
<u>1007</u>	<u>6.81</u>	<u>562</u>	<u>20.0</u>	<u>12</u>											
<u>1009</u>	<u>6.83</u>	<u>565</u>	<u>19.8</u>	<u>18</u>											
<u>1011</u>	<u>6.83</u>	<u>566</u>	<u>19.8</u>	<u>19</u>											
Weather Conditions	<u>Sunny warm & clear</u>														
Water Color:	<u>clear</u>	Odor:	<u>None - (Mild)</u>												
Sediment Description	<u>None</u>														

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-8</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HEC</u>	<u>GT&L</u>	<u>Gasoline M&B</u>

Comments

WELL SAMPLING FIELD DATA SHEET

SAMPLER	<u>F. Clinic</u>	DATE	<u>5-29-96</u>
ADDRESS	<u>21995 Foothill Blvd</u>	JOB #	<u>5110.85</u>
CITY	<u>Hayward CA</u>	SS#	<u>5-0266</u>

Well ID nnw-9 Well Condition dry

Well Location Description

Well Diameter 2" (4") in Hydrocarbon Thickness Sheen

Total Depth	ft	Volume	2" = 0.17	6" = 1.50	12" = 5.80
-------------	----	--------	-----------	-----------	------------

Depth to Liquid 16.81 ft Factor 3" = 0.38

of casing Volume 3x x 0.17 - 0.66 x(VF) 4" = 0.66 #Estimated gal.
Surge

Purge Equipment Stack / Suction Sampling Equipment Barber Volume

Did well dewater Mo If yes, Time Volume

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time

Time	pH	Conductivity	Temperature	Volume
	w/c only			

Weather Conditions Sunny warm & clear

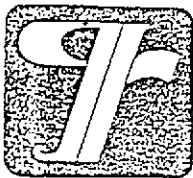
Water Color: Clear Odor: None - mild

Sediment Description *None*

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
AAW-	3x40ml VOA	Y	HEC	CoTICL	Gas BTEX MIBK

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Clinic DATE 5-29-96

ADDRESS 21995 Foothill Blvd JOB # 5110.85

CITY Hayward CA SS# 9-0260

Well ID NW-10 Well Condition okay

Well Location Description _____

Well Diameter 2" (4") in Hydrocarbon Thickness 0

Total Depth 27.66 ft

Depth to Liquid 9.20 ft

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

of casing 3x 18.40 x 0.17 (0.66) (VF) 12.2 #Estimated 36.1 gal. purge Volume

Purge Equipment Stack / Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 839 Purging Flow Rate 9.1 gpm.

Sampling Time 851

Time	pH	Conductivity	Temperature	Volume
<u>842</u>	<u>7.26</u>	<u>587</u>	<u>19.7</u>	<u>12.3</u>
<u>845</u>	<u>7.47</u>	<u>584</u>	<u>20.1</u>	<u>24.6</u>
<u>848</u>	<u>7.45</u>	<u>585</u>	<u>20.6</u>	<u>36.9</u>
<u>851</u>	<u>7.43</u>	<u>588</u>	<u>20.0</u>	<u>37.5</u>

Weather Conditions Sunny warm & clear

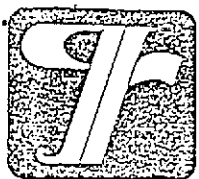
Water Color: clear Odor: None - (Mild)

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-10</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HEC</u>	<u>CoTEL</u>	<u>Cons BYA MTRB</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 5-29-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-0260

Well ID NW-11 Well Condition okay
Well Location Description _____

Well Diameter 2" - 4" in Hydrocarbon Thickness 0

Total Depth _____ ft

Depth to Liquid 11.14 ft

of casing 3x Volume _____ x 0.17 - 0.66 x (VF) _____ # Estimated _____ gal.

Purge Equipment Stack / Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

Time	pH	Conductivity	Temperature	Volume
	<u>W/L</u>	<u>only</u>		

Weather Conditions Sunny warm & clear

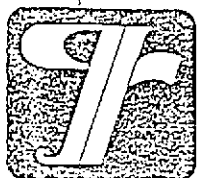
Water Color: clear Odor: None - Mide

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
NW-	3x40ml VOA	Y	HEC	CATKEL	Gas BVA MABE

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 5-29-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 5-0266

Well ID NW-12 Well Condition okay

Well Location Description

Well Diameter 2" - 4" inTotal Depth 19.0 ftDepth to Liquid 11.48 ftHydrocarbon Thickness 0

Volume 2" = 0.17 6" = 1.50 12" = 5.80

Factor 3" = 0.38

(VF) 4" = 0.66

of casing 3x 7.52 x 0.17 (0.66) x (VF) 4.96 #Estimated 14.9 gal.
Volume Dedicated Stack / Suction Barlev purge Volume

Purge Equipment Stack / Suction Sampling Equipment BarlevDid well dewater No If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time 1028

Time pH Conductivity Temperature Volume

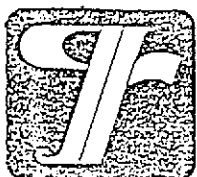
Pump working
1028 6.5 460 20.6 NA

Weather Conditions Sunny warm & clearWater Color: clear Odor: None - (Mile)Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-12</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GETEL</u>	<u>Gas BVA MTC</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 5-29-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-0660

Well ID NW-13 Well Condition Okay

Well Location Description _____

Well Diameter 2" - (4") in Hydrocarbon Thickness 0

Total Depth _____ ft

Depth to Liquid 10.30 ft

of casing 3x Volume _____ x 0.17 - 0.66 x (VF) _____ # Estimated _____ gal.
purge Volume

Purge Equipment Stack / Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

Time	pH	Conductivity	Temperature	Volume
	<u>N/L only</u>			

Weather Conditions Sunny warm & clear

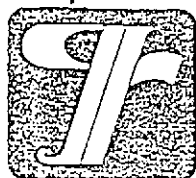
Water Color: clear Odor: None - mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
NW-	3x40ml VOA	Y	HEC	COTEL	CASBIX M70E

Comments _____



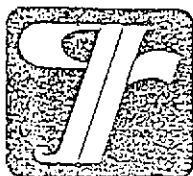
WELL SAMPLING FIELD DATA SHEET

SAMPLER	<u>F. Cline</u>	DATE	<u>5-29-96</u>	
ADDRESS	<u>21995 Foothill Blvd</u>	JOB #	<u>5110.85</u>	
CITY	<u>Hayward CA</u>	SS#	<u>5-0260</u>	
Well ID	<u>NW-14</u>	Well Condition	<u>okay</u>	
Well Location Description				
Well Diameter	<u>2" 4"</u> in	Hydrocarbon Thickness	<u>0</u>	
Total Depth	<u>31.0</u> ft	Volume	2" = 0.17 6" = 1.50 12" = 5.80	
Depth to Liquid	<u>18.58</u> ft	Factor	3" = 0.38	
# of casing	<u>3x 12.42</u>	(VF)	4" = 0.66	
Volume	<u>0.17</u>	x(VF)	<u>2.1</u>	
Purge Equipment	<u>Stack / Suction</u>	Sampling Equipment	<u>Barlev</u>	
Did well dewater	<u>No</u>	If yes, Time	Volume	
Starting Time	<u>9:22</u>	Purging Flow Rate	<u>1.2</u> gpm.	
Sampling Time	<u>9:30</u>			
Time	pH	Conductivity	Temperature	Volume
<u>9:24</u>	<u>7.18</u>	<u>399</u>	<u>15.12</u>	<u>2.4</u>
<u>9:26</u>	<u>7.29</u>	<u>396</u>	<u>18.17</u>	<u>4.8</u>
<u>9:28</u>	<u>7.30</u>	<u>395</u>	<u>18.17</u>	<u>7.2</u>
<u>9:30</u>	<u>7.30</u>	<u>396</u>	<u>18.7</u>	<u>8.0</u>
Weather Conditions	<u>Sunny warm & clear</u>			
Water Color:	<u>clear</u>	Odor:	<u>None - M/C</u>	
Sediment Description	<u>None</u>			

LABORATORY INFORMATION

Sample ID	Container	Refrin	Preservative Type	Lab	Analysis
NW-14	3x40ml VOA	Y	HCC	GTBL	Cons Bix M735

Comments



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 5-29-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-0260

Well ID NW-15 Well Condition _____

Well Location Description _____

Well Diameter 2" - 4" in Hydrocarbon Thickness _____

Total Depth _____ ft

Depth to Liquid _____ ft

of casing 3x Volume 0.17 - 0.66 x (VF) #Estimated _____ gal.
purge Volume

Purge Equipment Stack / Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

Time pH Conductivity Temperature Volume

Unable to sample or monitor
car parked on well

Weather Conditions Sunny warm & clear

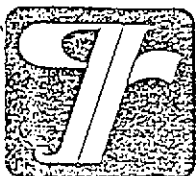
Water Color: clear Odor: None - Mite

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-15</u>	<u>3x40ml VOA</u>	<u>V</u>	<u>HCC</u>	<u>GTBL</u>	<u>Gasoline Mites</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 5-29-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 5-0266

Well ID NW-16 Well Condition okay

Well Location Description _____

Well Diameter (2" - 4") in Hydrocarbon Thickness ✓

Total Depth 38.0 ft

Depth to Liquid 18.54 ft

of casing 3x 19.46 $\times (0.17) - 0.66 \times (VF) 3.3$ # Estimated 9.9 gal.
Volume purge Volume

Purge Equipment Stack / Suction Sampling Equipment Baster

Did well dewater No If yes, Time _____ Volume _____

Starting Time 902 Purging Flow Rate 1.7 gpm.

Sampling Time 910

Time	pH	Conductivity	Temperature	Volume
<u>904</u>	<u>6.92</u>	<u>449</u>	<u>19.0</u>	<u>3.4</u>
<u>906</u>	<u>6.80</u>	<u>443</u>	<u>18.17</u>	<u>6.8</u>
<u>908</u>	<u>6.79</u>	<u>445</u>	<u>18.16</u>	<u>10.2</u>
<u>910</u>	<u>6.80</u>	<u>444</u>	<u>18.17</u>	<u>11.0</u>

Weather Conditions Sunny warm & clear

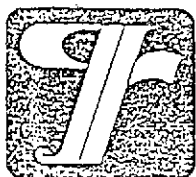
Water Color: clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
NW-16	3x40ml VOA	✓	HCL	CATL	Cons BYA MTRK

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 5-29-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hawward CA SS# 9-0260

Well ID NW-77 Well Condition okay

Well Location Description _____

Well Diameter (2") - 4" in Hydrocarbon Thickness 0

Total Depth 33.6 ft

Depth to Liquid 21.72 ft

of casing 3x 11.88 x(0.17) - 0.66 x(VF) 2.0 #Estimated 6.0 gal.

Purge Equipment Stack / Suction Sampling Equipment Bailer

Did well dewater No If yes, Time _____ Volume _____

Starting Time 8:10 Purging Flow Rate 1 gpm.

Sampling Time 8:18

Time pH Conductivity Temperature Volume

8:12 7.25 760 13.4 2

8:14 7.00 542 19.3 4

8:16 7.00 542 19.7 6

8:18 6.99 542 19.5 7

Weather Conditions Sunny warm & clear

Water Color: clear Odor: None - Mide

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>NW-17</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GTIL</u>	<u>Gas BVA MAGE</u>

Comments _____

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

Chevron Facility Number 9-0260
Facility Address 21995 Foothill Blvd. Hayward
Consultant Project Number 5110.85
Consultant Name Gettler-Ryan
Address 6747 Sierra Ct, Ste J, Dublin 94568
Project Contact (Name) Deanna Harding
(Phone) 510-551-7555 (Fax Number) 510-551-7888

Chevron Contact (Name) Phil Briggs
(Phone) (510) 842-9936
Laboratory Name GTEL
Laboratory Release Number 8829260
Samples Collected by (Name) Guadalupe Sanchez
Collection Date 5-29-96
Signature Guadalupe Sanchez

[illegible]



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

Midwest Region

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

June 6, 1996

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

RE: GTEL Client ID:	GTR01CHV08
Login Number:	W6050532
Project ID (number):	5110.85
Project ID (name):	CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Dear Deanna Harding:

Enclosed please find the analytical results for the samples received by GTEL Environmental Laboratories, Inc. on 05/30/96.

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

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

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

Sincerely,
GTEL Environmental Laboratories, Inc.

Justin Waeber Project Coordinator for
Terry R. Loucks
Laboratory Director

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08

Login Number: W6050532

Project ID (number): 5110.85

Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Method: EPA 8020

Matrix: Aqueous

GTEL Sample Number	W6050532-01	W6050532-02	W6050532-03	W6050532-04
Client ID	TB-LB	MW-17	MW-10	MW-14
Date Sampled		05/29/96	05/29/96	05/29/96
Date Analyzed	06/05/96	06/05/96	06/05/96	06/05/96
Dilution Factor	1.00	1.00	1.00	1.00

Analyte	Reporting		Concentration:			
	Limit	Units				
MTBE	5.0	ug/L	< 5.0	< 5.0	< 5.0	6.3
Benzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	170
Toluene	0.5	ug/L	< 0.5	< 0.5	< 0.5	39
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	5.0
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	0.9	21
BTEX (total)	--	ug/L	--	--	0.9	240
TPH as Gasoline	50	ug/L	< 50	< 50	< 50	1600

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

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

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
 Login Number: W6050532
 Project ID (number): 5110.85
 Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Method: EPA 8020
 Matrix: Aqueous

GTEL Sample Number	W6050532-05	W6050532-06	W6050532-07	W6050532-08
Client ID	MW-16	MW-4	MW-8	MW-12
Date Sampled	05/29/96	05/29/96	05/29/96	05/29/96
Date Analyzed	06/05/96	06/05/96	06/06/96	06/06/96
Dilution Factor	50.0	100.	100.	100.

Analyte	Reporting		Concentration:			
	Limit	Units				
MTBE	5.0	ug/L	< 250	< 500	< 500	710
Benzene	0.5	ug/L	6300	11000	8800	18000
Toluene	0.5	ug/L	1600	11000	30000	18000
Ethylbenzene	0.5	ug/L	2200	740	2300	2000
Xylenes (total)	0.5	ug/L	7900	4400	14000	11000
BTEX (total)	--	ug/L	18000	27000	55000	49000
TPH as Gasoline	50	ug/L	54000	59000	130000	120000

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

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

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
Login Number: W6050532
Project ID (number): 5110.85
Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Method: EPA 8020
Matrix: Aqueous

GTEL Sample Number	W6050532-09	--	--	--
Client ID	MW-5	--	--	--
Date Sampled	05/29/96	--	--	--
Date Analyzed	06/06/96	--	--	--
Dilution Factor	100.	--	--	--

Analyte	Reporting Limit	Units	Concentration:			
MTBE	5.0	ug/L	< 500	--	--	--
Benzene	0.5	ug/L	23000	--	--	--
Toluene	0.5	ug/L	25000	--	--	--
Ethylbenzene	0.5	ug/L	2200	--	--	--
Xylenes (total)	0.5	ug/L	12000	--	--	--
BTEX (total)	--	ug/L	62000	--	--	--
TPH as Gasoline	50	ug/L	150000	--	--	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020:

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

GTEL Client ID: GTR01CHV08

QUALITY CONTROL RESULTS

Login Number: W6050532

Volatile Organics

Project ID (number): 5110.85

Method: EPA 8020

Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Matrix: Aqueous

Surrogate Results

QC Batch No.	Reference	Sample ID	TFT
Method: EPA 8020	Acceptability Limits:		43-136%
060596GC10-1	BW06059610	Method Blank Water	92.2
060596GC10-11	MS05053202	Matrix Spike	94.1
060596GC10-5	CV0605962010	Calibration Verifi	100
060596GC10-9	DP05053205	Duplicate	103.
--	05053201	TB-LB	90.2
--	05053202	MW-17	90.4
--	05053203	MW-10	92.1
--	05053204	MW-14	112
--	05053205	MW-16	102
--	05053206	MW-4	96.0
--	05053207	MW-8	107
--	05053208	MW-12	100
--	05053209	MW-5	97.9

Notes:

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

Project ID (Number): GTR1CHV08
Project ID (Name): Chevron SS #9-0260
21995 Foothill Blvd.
Hayward, CA
Work Order Number: W6-05-0532
Date Reported: 06-06-96

METHOD BLANK REPORT

Volatile Organics in Water
EPA Method 8020

Date of Analysis:

05-JUNE-96

QC Batch No:

060596GC10-1

Analyte	Concentration, ug/L
MTBE	<5.0
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Xylene (total)	<0.5
TPH as Gasoline	<50

GTEL Client ID: GTR01CHV08

QUALITY CONTROL RESULTS

Login Number: W6050532

Volatile Organics

Project ID (number): 5110.85

Method: EPA 8020

Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Matrix: Aqueous

Calibration Verification Sample Summary

Analyte	Spike Amount	Check Sample Concentration	QC Percent Recovery	Acceptability Limits Recovery
EPA 8020	Units:ug/L	QC Batch:060596GC10-5		
Benzene	20.0	17.9	89.5	77-123%
Toluene	20.0	19.1	95.5	77.5-122.5%
Ethylbenzene	20.0	18.6	93.0	63-137%
Xylenes (Total)	60.0	57.4	95.7	85-115%
TPH as Gasoline	500	543	109	80-120%

Notes:

QC check source: Supelco #LA12389

GTEL Client ID: GTR01CHV08

QUALITY CONTROL RESULTS

Login Number: W6050532

Volatile Organics

Project ID (number): 5110.85

Method: EPA 8020

Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Matrix: Aqueous

Duplicate Sample Results

Analyte	Original Concentration	Duplicate Concentration	RPD, %	Acceptability Limits, %
EPA 8020	Units: ug/L	QC Batch: 060596GC10-9	GTEL Sample ID: W6050532-05	Client ID: MW-16
MTBE	< 500	< 500	NA	20
Benzene	6310	6460	2.35	23.9
Toluene	1630	1660	1.82	27.2
Ethylbenzene	2160	2210	2.29	21.6
Xylenes (Total)	7860	8010	1.89	22.0
TPH as Gasoline	54300	55100	1.46	20

Notes:

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

GTEL Client ID: GTR01CHV08
Login Number: W6050532
Project ID (number): 5110.85
Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

QUALITY CONTROL RESULTS

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Matrix Spike(MS) Results

GTEL Sample ID:W6050532-02			MS ID:MS05053202		
Analysis Date: 05-JUN-96			05-JUN-96		
Units: ug/L	Sample	Spike	MS	MS	Acceptability Limits
Analyte	Conc.	Added	Conc.	% Rec.	%Rec.
Benzene	< 0.5 (0.000)	20.0	17.1	85.5	67-110
Toluene	< 0.5 (0.000)	20.0	18.5	92.5	68-115
Ethylbenzene	< 0.5 (0.000)	20.0	18.1	90.5	65-120
Xylenes (Total)	< 0.5 (0.000)	60.0	55.0	91.7	62-119

Notes:

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

GTEL Client ID: GTR01CHV08

QUALITY CONTROL RESULTS

Login Number: W6050532

Project ID (number): 5110.85

Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Volatile Organics

Method: EPA 8020

Matrix: Aqueous

Conformance/Non-Conformance Summary

(X = Requirements Met

* = See Comments

-- = Not Required

NA = Not Applicable)

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

Comments: