



Chevron

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FIRE PREVENTION OFFICE

NOV 27 1996

November 25, 1996

HAYWARD FIRE DEPARTMENT

Mr. Sumadhu Arigala
Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Chevron Products Company
6001 Bollinger Canyon Road
Building L
San Ramon, CA 94583
P.O. Box 5004
San Ramon, CA 94583-0804

Marketing - Northwest Region
Phone 510 842 9500

Re: **Chevron Service Station #9-0260**
21995 Foothill Blvd., Hayward, CA

Dear Mr. Arigala:

Enclosed is the Third Quarter Groundwater Monitoring Report for 1996, that was prepared by our consultant Gettler-Ryan Inc. for the above noted site. Ground water samples were collected and analyzed for TPH-g, BTEX and MtBE constituents. Currently, monitoring wells MW-6, MW-9, MW-11 and MW-13 are sampled during the first and third quarters, and MW-4 MW-5, MW-7, MW-8 and MW-12 are sampled during the second and fourth quarters. Monitoring wells MW-10, MW-14, MW-15, MW-16 and MW-17 are sampled quarterly. Depth to water measurements are taken from all wells on a quarterly basis to maintain a knowledge of ground water flow direction and direction.

The levels of dissolved hydrocarbon constituents detected in the ground water are consistent with the historic observations. Depth to ground water varied from 11.97 to 22.43 feet, with direction of flow to the southwest.

For your information, the facilities on this site were removed in October, and a report outlining the abandonment will be submitted under separate cover. No monitoring wells were destroyed in the demolition and therefore, Chevron will continue to monitor and sample the wells at this site in accordance to the schedule outlined above.

The existing remediation system remains on the site but has been inoperative, due to a failure of a piece of equipment, and waiting for equipment replacement. Chevron is reviewing other options to remediate the site and expect to submit these in 60 to 90 days, for your review.

If you have any questions or comments, call me at (510) 842-9136.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

Enclosure

November 25, 1996
Mr. Sumadhu Arigala
Chevron Service Station #9-0260
Page 2

cc. Ms. Bette Owen, Chevron

Mr. Rafat Shahid
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Mr. Hugh Murphy
City of Hayward Fire Department
25151 Clawiter Road
Hayward, CA 94545



GETTLER-RYAN Inc.

September 30, 1996

Job #5110.80

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

Re: Third Quarter Groundwater Monitoring & Sampling Report
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 August 27, 1996, field personnel were on-site to monitor fourteen wells (MW-4 through MW-17) and sample nine wells (MW-6, MW-9, MW-10, MW-11, and MW-13 through MW-17) at Chevron Service Station #9-0260 located at 21995 Foothill Boulevard in Hayward, California.

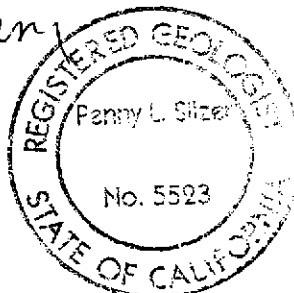
Static groundwater levels were measured on August 27, 1996. All wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were present in one of the site wells, MW-7. Static water level data and groundwater elevations are presented in Table 1. Separate-phase removal 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.

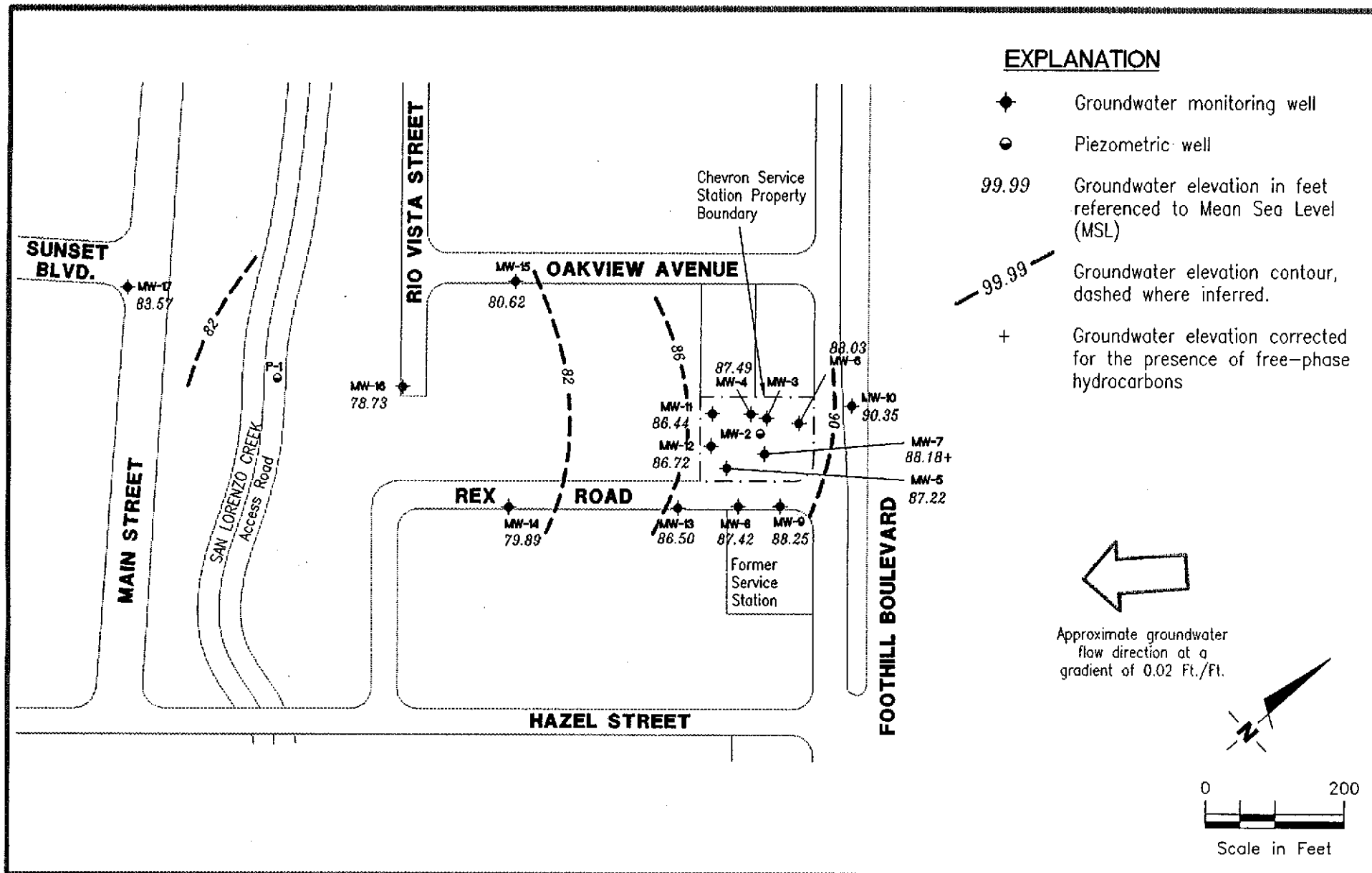
Sincerely,

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

JOB NUMBER
 5110

REVIEWED BY

POTENTIOMETRIC MAP
 Chevron Service Station No. 9-0260
 21995 Foothill Boulevard
 Hayward, California

DATE
 August 27, 1996

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 Thickness* (ft)	TPPH(G)	B T E X MTBE				
						ppb				
MW-5 (cont)	7/3/90	13.64	86.33	0	200,000	28,000	25,000	1,800	10,000	---
	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 ⁶	---	---	---	---	---	---
	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
	8/27/96	12.75	87.22	0	---	---	---	---	---	---
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	---



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-6 (cont)	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	—
	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	—	—	—	—	—	—
	8/27/96	13.40	88.03	0	84,000	11,000	960	2,300	7,700	<500
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	—



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-7 (cont)	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	---	---	---	---	---	---
	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	---	---	---	---	---	---
8/27/96	12.75	88.18 ¹³	0.02	---	---	---	---	---	---	
MW-8 99.67	10/27/88	---	---	---	190,000	27,000	43,000	2,200	15,000	---
	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	---	---	---	---	---	---



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-8	11/14/94	14.06	85.61	0	140,000	12,000	36,000	2,400	17,000	—
(cont)	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
	2/20/96 ¹¹	10.00	89.67	0	—	—	—	—	—	—
	5/29/96	10.30	89.37	0	130,000	8,800	30,000	2,300	14,000	<500
	8/27/96	12.25	87.42	0	—	—	—	—	—	—
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	—	—	—	—	—	—
	8/27/96	12.90	88.25	Sheen	71,000	2,700	3,600	920	5,900	290



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	10/27/88 ¹	---	---	---	<500	26	13	<5	<5	---
102.36	1/5/89	12.64	89.72	0	<1,000	<0.3	<0.3	<0.3	<0.3	---
	4/6/89	11.38	90.98	---	---	---	---	---	---	---
	6/28/89	13.64	88.72	0	<500	<0.5	<0.5	<0.5	<0.5	---
	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
	8/27/96	12.01	90.35	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
MW-11	6/28/89	14.33	85.64	0	60,000	36,000	13,000	2,500	12,000	---
99.97	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	---	---	---	---	---	---



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-11 (cont)	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	---	---	---	---	---	---
99.57	8/13/92	17.04	82.53	---	---	---	---	---	---	---
	12/3/92	15.59	83.98	---	---	---	---	---	---	---
	3/25/93	10.06	89.51	---	110,000	13,000	2,100	5,900	9,800	---
	3/8/94	11.70	87.87	0	---	---	---	---	---	---
	6/13/94	12.16	87.41	0	---	---	---	---	---	---
	10/4/94 ¹⁰	---	---	---	---	---	---	---	---	---
	11/14/94 ¹⁰	---	---	---	---	---	---	---	---	---
	5/15/95	10.02	89.55	---	---	---	---	---	---	---
	8/4/95	11.82	87.75	0	33,000	9,400	3,000	1,800	6,100	---
	11/28/95 ¹¹	16.72	82.85	0	---	---	---	---	---	---
	2/20/96	10.00	89.57	0	22,000	4,500	2,200	560	3,500	<120
	5/29/96 ¹¹	11.14	88.43	0	---	---	---	---	---	---
	8/27/96	13.13	86.44	0	85,000	10,000	6,600	1,500	6,500	260
MW-12	6/28/89	14.10	85.54	0	55,000	30,000	21,000	2,900	19,000	---
	10/3/89	14.30	85.34	0	170,000	30,000	23,000	2,700	15,000	---
99.64	1/4/90	14.35	85.29	0	110,000	24,000	19,000	2,300	12,000	---
	4/3/90	13.59	86.05	0	89,000	41,000	28,000	3,300	17,000	---
	7/3/90	13.77	85.87	0	170,000	27,000	20,000	2,200	12,000	---
	11/6/90	15.19	84.45	0.06	110,000	28,000	21,000	2,400	14,000	---
	1/4/91	14.52	---	---	---	---	---	---	---	---
	4/3/91	10.91	---	---	---	---	---	---	---	---
	4/9/91	---	---	0	170,000	39,000	17,000	2,400	14,000	---
	7/2/91	13.51	---	0	---	---	---	---	---	---
	10/2/91	14.93	---	---	170,000	27,000	15,000	2,600	17,000	---
	1/2/92	14.45	85.19	0	---	---	---	---	---	---
99.22	4/7/92	13.05	86.59	0	---	---	---	---	---	---
	8/13/92	17.39	81.83	0	---	---	---	---	---	---
	12/3/92	15.34	83.88	0	2,400,000	19,000	21,000	14,000	110,000	---
	3/25/93	10.37	88.85	0	---	---	---	---	---	---
	6/23/93	12.21	87.01	0	110,000	30,000	19,000	2,000	12,000	---
	3/8/94	11.95	87.27	0	---	---	---	---	---	---
	6/13/94	12.35	86.87	0	62,000	6,600	6,900	2,400	9,900	---
	10/4/94 ¹⁰	---	---	---	---	---	---	---	---	---



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-12 (cont)	11/14/94 ¹⁰	---	---	---	---	---	---	---	---	---
	5/15/95	10.06	89.16	0	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	11.60	87.62	0	---	---	---	---	---	---
	11/28/95	16.63	82.59	0	110,000	26,000	22,000	2,300	12,000	1,100
	2/20/96 ¹¹	11.10	88.12	0	---	---	---	---	---	---
	5/29/96	11.48	87.74	0	120,000	18,000	18,000	2,000	11,000	710
	8/27/96	12.50	86.72	0	---	---	---	---	---	---
MW-13	6/28/89	13.22	85.25	0	54,000	12,000	10,000	1,900	15,000	---
98.47	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	---	---	---	---	---	---
	8/27/96	11.97	86.50	0	65,000	3,500	2,800	2,200	6,900	200



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 ----->
MW-14 99.68	8/29/90 ^a	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	---
	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
	8/27/96	19.79	79.89	0	80	<0.5	<0.5	<0.5	<0.5	<5.0
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	---



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-15 (cont)	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	—	—	—	—	—	—	—	—	—
8/27/96	15.44	80.62	0	80	<0.5	<0.5	<0.5	0.7	<5.0	
MW-16	8/29/90	20.89	77.26	0	11,000	6,000	51	1,100	20	—
98.15	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	—
	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	
8/27/96	19.42	78.73	0	45,000	4,100	260	1,600	2,800	<250	
MW-17	8/13/92	23.30	82.70	0	<50	<0.5	<0.5	<0.5	<0.5	—
106.00	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	—



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-17 (cont)	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
	8/27/96	22.43	83.57	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
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	---



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
TBLB (cont)	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
	8/27/96	---	---	---	<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
(ft) = feet
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 Product Thickness (ft)	Gallons Bailed (product + water)
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
	8/27/96	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.

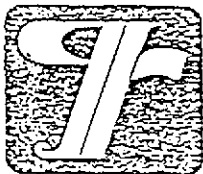
After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. 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.



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-5266

Well ID MW-4 Well Condition okay

Well Location Description _____

Well Diameter 2" - 4" in Hydrocarbon Thickness 0

Total Depth _____ ft

Depth to Liquid 13.24 ft

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

Purge Equipment Start Suction Sampling Equipment Barber

Did well dewater _____ If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

Time	pH	Conductivity	Temperature	Volume
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Weather Conditions _____

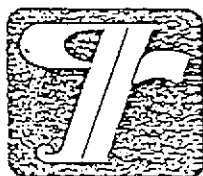
Water Color: _____ Odor: _____

Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-</u>	<u>3x40ml vials</u>	<u>Y</u>	<u>HCL</u>	<u>GTCL</u>	<u>Cons B/L & MT/12/13</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comments _____



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER Fitch DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 511085
CITY Hayward CA SS# 9-0266

Well ID MW-5 Well Condition okay

Well Location Description _____

Well Diameter 2" - 4" in Hydrocarbon Thickness ✓

Total Depth _____ ft

Depth to Liquid 12.75 ft

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

Purge Equipment Snack Suction Sampling Equipment Bar

Did well dewater _____ If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

Time	pH	Conductivity	Temperature	Volume
_____	<u>w/c only</u>	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Weather Conditions _____

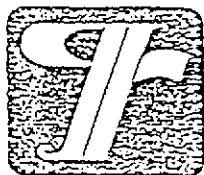
Water Color: _____ Odor: _____

Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-</u>	<u>3x40ml VOA</u>	<u>✓</u>	<u>HCL</u>	<u>GTDL</u>	<u>VOL BLES MABLE</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comments _____



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Chow DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 511085
CITY Hayward CA SS# 9-0266

Well ID MW-6 Well Condition OK

Well Location Description

Well Diameter 2" - 4" in Hydrocarbon Thickness 0

Total Depth 16.6 ft

Depth to Liquid 13.40 ft

of casing 3x 3.2 x 0.17 - 0.66 x (VF) 2.1 #Estimated 6.3 gal.
Volume

Purge Equipment Submergible Suction Sampling Equipment Boiler

Did well dewater No If yes, Time Volume

Starting Time 1112 Purging Flow Rate 1.1 gpm.

Sampling Time 1120

Time	pH	Conductivity	Temperature	Volume
<u>1114</u>	<u>6.70</u>	<u>856</u>	<u>21.6</u>	<u>2.2</u>
<u>1116</u>	<u>6.65</u>	<u>852</u>	<u>21.6</u>	<u>4.4</u>
<u>1118</u>	<u>6.58</u>	<u>851</u>	<u>21.7</u>	<u>6.6</u>
<u>1120</u>	<u>6.54</u>	<u>853</u>	<u>21.6</u>	<u>8.8</u>

Weather Conditions Partly Sunny Warming

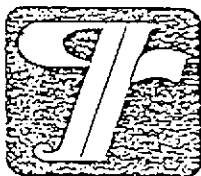
Water Color: Clear Odor: Mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-6</u>	<u>3x40ml LCA</u>	<u>✓</u>	<u>HL</u>	<u>GTEL</u>	<u>Lead, Bz, Pb, Mn, Fe, Cu</u>

Comments



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Clive DATE 8-27-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-5866

Well ID MW-7 Well Condition _____

Well Location Description _____

Well Diameter 2" - 4" in Hydrocarbon Thickness 0.02

Total Depth _____ ft

Depth to Liquid 12.75 ft

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

Purge Equipment Suck Suction Sampling Equipment Bailer

Did well dewater _____ If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

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

Weather Conditions _____

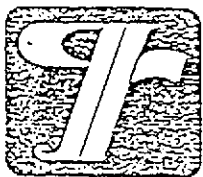
Water Color: _____ Odor: _____

Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>COTEL</u>	<u>Gas Bk & MTBE</u>

Comments _____



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 8-27-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-0866

Well ID MW-8 Well Condition okay

Well Location Description

Well Diameter 2" - (4") in

Hydrocarbon Thickness ✓

Total Depth 12.25 ft

Depth to Liquid 12.25 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) ✓ #Estimated purge Volume gal.

Purge Equipment Suck Suction Sampling Equipment Boiler

Did well dewater ✓ 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 ✓

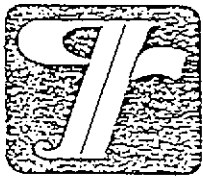
Water Color: ✓ Odor: ✓

Sediment Description ✓

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-</u>	<u>3x40ml LCA</u>	<u>✓</u>	<u>HL</u>	<u>GTCL</u>	<u>Gas Blk & MTB</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>

Comments ✓



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER FILLINE DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 511085
CITY Hayward CH SS# 9-0266

Well ID MW-9 Well Condition okay

Well Location Description

Well Diameter 2" - 4" in

Hydrocarbon Thickness CG Sheen

Total Depth 1912 ft

Depth to Liquid 12.90 ft

of casing 3x 6.30 x 0.17 - 0.66 x (VF) 4.12 #Estimated 12.6 gal.
Volume purge Volume

Purge Equipment Suck Suction Sampling Equipment Bailer

Did well dewater No If yes, Time Volume

Starting Time 1041 Purging Flow Rate 2.1 gpm.

Sampling Time 1050

Time	pH	Conductivity	Temperature	Volume
<u>1043</u>	<u>6.83</u>	<u>567</u>	<u>21.4</u>	<u>4.8</u>
<u>1045</u>	<u>6.43</u>	<u>578</u>	<u>21.4</u>	<u>8.4</u>
<u>1047</u>	<u>6.74</u>	<u>586</u>	<u>21.3</u>	<u>12.6</u>
<u>1050</u>	<u>6.75</u>	<u>585</u>	<u>21.4</u>	<u>13.6</u>

Weather Conditions Partly Sunny Cool

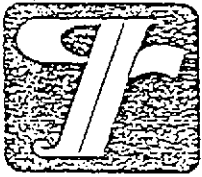
Water Color: Clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-9</u>	<u>3x40ml DCA</u>	<u>Y</u>	<u>HL</u>	<u>GT&L</u>	<u>Cons BTEX MTB12</u>

Comments



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-0266

Well ID MW 6010 Well Condition okay

Well Location Description _____

Well Diameter 4" in Hydrocarbon Thickness 0

Total Depth 27.0 ft

Depth to Liquid 12.01 ft

of casing 3x 18159 x 0.17 - 0.66 x (VF) 0.3 #Estimated 30.9 gal.
Volume

Purge Equipment Smart Suction Sampling Equipment Barber

Did well dewater NC If yes, Time _____ Volume _____

Starting Time 8:43 Purging Flow Rate 2.6 gpm.

Sampling Time _____

Time	pH	Conductivity	Temperature	Volume
<u>8:48</u>	<u>5.70</u>	<u>904</u>	<u>22.5</u>	<u>10.4</u>
<u>8:51</u>	<u>6.70</u>	<u>802</u>	<u>21.3</u>	<u>20.8</u>
<u>8:55</u>	<u>6.72</u>	<u>801</u>	<u>21.3</u>	<u>39.2</u>
<u>8:58</u>	<u>6.70</u>	<u>806</u>	<u>21.3</u>	<u>32.0</u>

Weather Conditions Sunny Partly cloudy Breeze warm

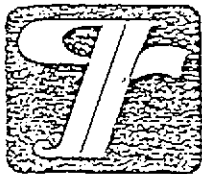
Water Color: Clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-6010</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HEL</u>	<u>GTDL</u>	<u>Gas BTEX MTBE</u>

Comments _____



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER Fitch DATE 8-27-95
ADDRESS 21995 Foothill Blvd JOB # 511085
CITY Hayward CA SS# 9-5266

Well ID MW-11 Well Condition Okay
Well Location Description DRP

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

Total Depth 18.3 ft

Depth to Liquid 13.13 ft

of casing 3x 5.17 x 0.17 (VFI) 0.66 x (VFI) 3.4 #Estimated 10.5 gal.
Volume 10.5 gal. purge Volume

Purge Equipment Suck Suction Sampling Equipment Boiler

Did well dewater No If yes, Time _____ Volume _____

Starting Time 10:25 Purging Flow Rate 1.7 gpm.

Sampling Time 10:34

Time	pH	Conductivity	Temperature	Volume
<u>10:27</u>	<u>6.00</u>	<u>727</u>	<u>20.2</u>	<u>3.4</u>
<u>10:29</u>	<u>6.72</u>	<u>719</u>	<u>20.3</u>	<u>6.8</u>
<u>10:31</u>	<u>6.73</u>	<u>702</u>	<u>20.1</u>	<u>10.2</u>
<u>10:34</u>	<u>6.72</u>	<u>705</u>	<u>20.2</u>	<u>17.0</u>

Weather Conditions Sunny clear warm

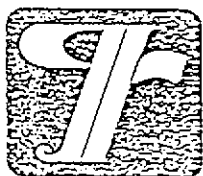
Water Color: Clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-11</u>	<u>3x40ml VOA</u>	<u>V</u>	<u>HL</u>	<u>GT&L</u>	<u>Gas BGC MTB.13</u>

Comments _____



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER FilLine DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 511085
CITY Hayward CA SS# 9-5266

Well ID MW-12 Well Condition OKAY

Well Location Description

Well Diameter 2" - 4" in Hydrocarbon Thickness 0

Total Depth 12.50 ft

Depth to Liquid 12.50 ft

of casing 3x x 0.17 - 0.66 x (VF) #Estimated 0 gal.
Volume purge Volume

Purge Equipment Suck Suction Sampling Equipment Boiler

Did well dewater _____ If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

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

Weather Conditions _____

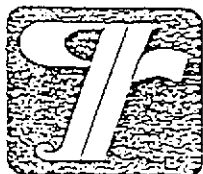
Water Color: _____ Odor: _____

Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-	3x40ml VOA	✓	HEL	GTDL	VOCs, BTEX, MTBE

Comments DHE in place



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER Filchne DATE 8-27-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-5326

Well ID MW-13 Well Condition okay

Well Location Description

Well Diameter 2" - 4" in

Hydrocarbon Thickness 0

Total Depth 18' ft

Depth to Liquid 11.97 ft

of casing 3x
Volume

G.C.3

x 0.17 - 0.66 x (VF) 3.7 #Estimated 11.9 gal.

Purge Equipment

Snorkel Suction

Sampling Equipment

Boiler

Did well dewater

No

If yes, Time

Volume

Starting Time

1057

Purging Flow Rate

2

gpm.

Sampling Time

1104

Time	pH	Conductivity	Temperature	Volume
<u>1059</u>	<u>6.87</u>	<u>621</u>	<u>22.1</u>	<u>4</u>
<u>1101</u>	<u>6.63</u>	<u>642</u>	<u>22.0</u>	<u>8</u>
<u>1103</u>	<u>6.62</u>	<u>661</u>	<u>22.0</u>	<u>12</u>
<u>1106</u>	<u>6.65</u>	<u>665</u>	<u>22.5</u>	<u>13</u>

Weather Conditions

Partly Sunny Breeze cooling

Water Color:

Clear

Odor:

Mild

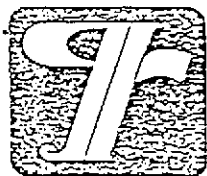
Sediment Description

None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-13</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GTCL</u>	<u>Lead, B, P, M, T, B, L</u>

Comments



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-0266

Well ID MW-14 Well Condition okay

Well Location Description

Well Diameter 2" - 4" in

Hydrocarbon Thickness C

Total Depth 31 ft

Depth to Liquid 19.79 ft

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

Factor 3" = 0.38

(VF) 4" = 0.66

of casing 3x 11.21 x 0.17 - 0.66 x (VF) 1.9 #Estimated 5.7 gal.
Volume
purge
Volume

Purge Equipment Snout Suction

Sampling Equipment Bar

Did well dewater

If yes, Time

Volume

Starting Time 1006 1006

Purging Flow Rate 1 gpm.

Sampling Time 1014 1014

Time	pH	Conductivity	Temperature	Volume
<u>1008</u>	<u>7.45</u>	<u>707</u>	<u>21.9</u>	<u>2</u>
<u>1010</u>	<u>6.95</u>	<u>811</u>	<u>19.9</u>	<u>4</u>
<u>1012</u>	<u>6.85</u>	<u>814</u>	<u>20.0</u>	<u>6</u>
<u>1014</u>	<u>6.87</u>	<u>813</u>	<u>20.0</u>	<u>7</u>

Weather Conditions

Partly Sunny Breeze

Water Color:

Clear

Odor:

None

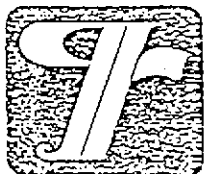
Sediment Description

None

LABORATORY INFORMATION

Sample ID	Container	Relig	Preservative Type	Lab	Analysis
<u>MW-14</u>	<u>3x40ml DCA</u>	<u>Y</u>	<u>HCL</u>	<u>GTDL</u>	<u>LAB'S NOTE</u>

Comments



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER Fitch DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 511085
CITY Hayward CA SS# 9-0266

Well ID MW-15 Well Condition dry

Well Location Description

Well Diameter 2" 4" in

Hydrocarbon Thickness 0

Total Depth 22 ft

Depth to Liquid 15.44 ft

of casing 3x 6.56 x 0.17-0.66 x (VF) 1.1 #Estimated 3.3 gal.
Volume purge Volume

Purge Equipment Suck Suction Sampling Equipment Bar

Did well dewater No If yes, Time Volume

Starting Time 930 Purging Flow Rate 1.1 gpm.

Sampling Time 936

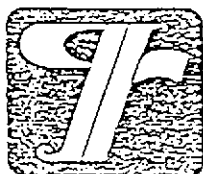
Time	pH	Conductivity	Temperature	Volume
<u>931</u>	<u>7.33</u>	<u>217</u>	<u>20.5</u>	<u>1.1</u>
<u>933</u>	<u>7.25</u>	<u>678</u>	<u>19.8</u>	<u>1.2</u>
<u>935</u>	<u>7.17</u>	<u>675</u>	<u>19.9</u>	<u>3.3</u>
<u>936</u>	<u>7.26</u>	<u>676</u>	<u>14.9</u>	<u>4.0</u>

Weather Conditions Partly Cloudy warm
Water Color: clear Odor: None
Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-15</u>	<u>3x40ml VOA</u>	<u>V</u>	<u>HCL</u>	<u>GT&L</u>	<u>CONDUCTIVITY</u>

Comments



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-5266

Well ID MW-16 Well Condition OK

Well Location Description

Well Diameter 2" - 4" in Hydrocarbon Thickness 0

Total Depth 38' ft

Depth to Liquid 19.42 ft

of casing 3x 18.58 x 0.17 - 0.66 x (VF) 3.16 #Estimated 9.5 gal.
Volume

Purge Equipment Smart Suction Sampling Equipment Boiler

Did well dewater NE If yes, Time Volume

Starting Time 9:40 Purging Flow Rate 1.6 gpm.

Sampling Time 9:49

Time	pH	Conductivity	Temperature	Volume
<u>9:42</u>	<u>7.04</u>	<u>551</u>	<u>18.8</u>	<u>3.2</u>
<u>9:44</u>	<u>6.98</u>	<u>537</u>	<u>18.8</u>	<u>6.4</u>
<u>9:46</u>	<u>6.90</u>	<u>527</u>	<u>18.8</u>	<u>9.6</u>
<u>9:49</u>	<u>6.81</u>	<u>530</u>	<u>18.9</u>	<u>12.8</u>

Weather Conditions Partly Cloudy Warm

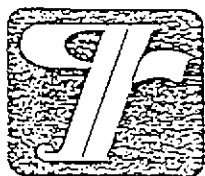
Water Color: Clear Odor: M. W

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-16</u>	<u>3x40ml VOA</u>	<u>V</u>	<u>HCL</u>	<u>GTDL</u>	<u>VARIOUS METALS</u>

Comments



(13)

WELL SAMPLING FIELD DATA SHEET

SAMPLER F. Cline DATE 8-27-90
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward CA SS# 9-3266

Well ID MW-17 Well Condition dry

Well Location Description

Well Diameter 2" - 4" in

Hydrocarbon Thickness 0

Total Depth 33.6 ft

Depth to Liquid 22.43 ft

of casing 3x 11.17
Volume

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

0.17-0.66 x(VF) 1.89 #Estimated 6.7 gal.
purge Volume

Purge Equipment Sub. Suction

Sampling Equipment Ball

Did well dewater No

If yes, Time _____ Volume _____

Starting Time 9:10

Purging Flow Rate 1 gpm.

Sampling Time 9:18

Time	pH	Conductivity	Temperature	Volume
<u>9:17</u>	<u>6.80</u>	<u>546</u>	<u>20.4</u>	<u>2</u>
<u>9:18</u>	<u>6.70</u>	<u>569</u>	<u>20.2</u>	<u>4</u>
<u>9:19</u>	<u>6.75</u>	<u>572</u>	<u>20.1</u>	<u>6</u>
<u>9:20</u>	<u>6.76</u>	<u>570</u>	<u>20.2</u>	<u>7</u>

Weather Conditions Partly Cloudy Breeze

Water Color: clear Odor: None

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-17</u>	<u>3x40ml VOA</u>	<u>Y</u>	<u>HCL</u>	<u>GTCL</u>	<u>VOLATILES MTB</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 CA
Consultant Project Number 5110.85
Consultant Name Gettler-Ryan
Address 6747 Sierra Ct, Ste J, Dublin 94568
Project Contact (Name) Deanna Harding
(Phone) 551-7555 (Fax Number) 551-7888

Chevron Contact (Name) Phil Briggs
(Phone) 842-9135
Laboratory Name GTBL
Laboratory Release Number 8829260
Samples Collected by (Name) P. Cline
Collection Date 8-27-96
Signature [Signature]

26-08-0480

Sample Number	Lab Sample Number	Number of Containers	Matrix S = Soil W = Water C = Charcoal	Type G = Grab C = Composite D = Discrete	Time	Sample Preservation	Iced (Yes or No)	Analysis To Be Performed												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)					
01	TB-LB	2	W	TB	-	HL	✓	+												
02	MW-10	3		G	130			+												
03	MW-17	1			858 915			+												
04	MW-15				936			+												
05	MW-14				1015			+												
06	MW-11				1034			+												
07	MW-9				1056			+												
08	MW-16				949			+												
09	MW-13				1106			+												
10	MW-18	✓	✓	✓	1120	✓	✓	+												
	N																			

DO NOT BILL
TB-LB ANALYSIS

Relinquished By (Signature) <u>[Signature]</u>	Organization <u>GTBL</u>	Date/Time <u>8/28/96</u>	Received By (Signature) <u>D. Harding</u>	Organization <u>GTBL</u>	Date/Time <u>8/28/96</u>	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days As Contracted
Relinquished By (Signature) <u>D. Harding</u>	Organization <u>GTBL</u>	Date/Time <u>8/28/96</u>	Received By (Signature) <u>[Signature]</u>	Organization <u>GTBL</u>	Date/Time <u>8/28/96</u>	
Relinquished By (Signature) <u>[Signature]</u>	Organization <u>GTBL</u>	Date/Time <u>8/28/96</u>	Received For Laboratory By (Signature) <u>[Signature]</u>	Organization <u>GTBL</u>	Date/Time <u>8/28/96</u>	

NEI/GTEL

ENVIRONMENTAL
LABORATORIES, INC.

Midwest Region

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

September 9, 1996

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

RECEIVED
SEP 11 1996

GETTLER-RYAN INC
GENERAL CONTRACTORS

RE: GTEL Client ID:	GTR01CHV08
Login Number:	W6080480
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 08/29/96.

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 California 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 W. Loucks, Project Coordinator for
Terry R. Loucks
Laboratory Director

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08

Login Number: W6080480

Project ID (number): 5110.85

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

Method: EPA 8020A

Matrix: Aqueous

GTEL Sample Number	W6080480-01	W6080480-02	W6080480-03	W6080480-04
Client ID	TB-LB	MW-10	MW-17	MW-15
Date Sampled		08/27/96	08/27/96	08/27/96
Date Analyzed	09/07/96	09/07/96	09/08/96	09/08/96
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	< 5.0
Benzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Toluene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	< 0.5
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	0.7
BTEX (total)	--	ug/L	--	--	--	0.7
TPH as Gasoline	50	ug/L	< 50	< 50	< 50	80

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020A:

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 promulgated Update II.

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08

Login Number: W6080480

Project ID (number): 5110.85

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

Method: EPA 8020A

Matrix: Aqueous

GTEL Sample Number	W6080480-05	W6080480-06	W6080480-07	W6080480-08
Client ID	MW-14	MW-11	MW-9	MW-16
Date Sampled	08/27/96	08/27/96	08/27/96	08/27/96
Date Analyzed	09/08/96	09/08/96	09/08/96	09/08/96
Dilution Factor	1.00	25.0	10.0	50.0

Analyte	Reporting		Concentration:			
	Limit	Units				
MTBE	5.0	ug/L	< 5.0	260	290	< 250
Benzene	0.5	ug/L	< 0.5	10000	2700	4100
Toluene	0.5	ug/L	< 0.5	6600	3600	260
Ethylbenzene	0.5	ug/L	< 0.5	1500	920	1600
Xylenes (total)	0.5	ug/L	< 0.5	6500	5900	2800
BTEX (total)	--	ug/L	--	25000	13000	8800
TPH as Gasoline	50	ug/L	80	85000	71000	45000

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020A:

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 promulgated Update II.

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08

Login Number: W6080480

Project ID (number): 5110.85

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

Method: EPA 8020A

Matrix: Aqueous

GTEL Sample Number	W6080480-09	W6080480-10	--	--
Client ID	MW-13	MW-6	--	--
Date Sampled	08/27/96	08/27/96	--	--
Date Analyzed	09/08/96	09/08/96	--	--
Dilution Factor	10.0	100.	--	--

Analyte	Reporting Limit	Units	Concentration:			
MTBE	5.0	ug/L	200	< 500	--	--
Benzene	0.5	ug/L	3500	11000	--	--
Toluene	0.5	ug/L	2800	960	--	--
Ethylbenzene	0.5	ug/L	2200	2300	--	--
Xylenes (total)	0.5	ug/L	6900	7700	--	--
BTEX (total)	--	ug/L	15000	22000	--	--
TPH as Gasoline	50	ug/L	65000	84000	--	--

Notes:

Dilution Factor:

Dilution factor indicates the adjustments made for sample dilution.

EPA 8020A:

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 promulgated Update II.

GTEL Client ID: GTR01CHV08

QUALITY CONTROL RESULTS

Login Number: W6080480

Volatile Organics

Project ID (number): 5110.85

Method: EPA 8020A

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

Matrix: Aqueous

Conformance/Non-Conformance Summary

(X = Requirements Met

* = See Comments

-- = Not Required

NA = Not Applicable)

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

Comments:

Project ID (Number): 5110.85
Project ID (Name): Chevron SS #9-0260
21995 Foothill Blvd.
Hayward, CA
Work Order Number: W6-08-0480
Date Reported: 09-09-96

METHOD BLANK REPORT

Volatile Organics in Water
EPA Method 8020A

Date of Analysis: 07-Sep-96 QC Batch No: 090796GC4-3

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: W6080480

Volatile Organics

Project ID (number): 5110.85

Method: EPA 8020A

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

Matrix: Aqueous

Matrix Spike(MS) Results

GTEL Sample ID:W6080450-07			MS ID:MS08045007		
Analysis Date: 07-SEP-96			07-SEP-96		
Units: ug/L	Sample	Spike	MS	MS	Acceptability Limits
Analyte	Conc.	Added	Conc.	% Rec.	%Rec.
Benzene	< 0.5 (0.000)	20.0	14.5	72.5	67-110
Toluene	< 0.5 (0.000)	20.0	14.8	74.0	68-115
Ethylbenzene	< 0.5 (0.000)	20.0	14.6	73.0	65-120
Xylenes (Total)	< 0.5 (0.000)	60.0	44.0	73.3	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: W6080480

Volatile Organics

Project ID (number): 5110.85

Method: EPA 8020A

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

Matrix: Aqueous

Surrogate Results

QC Batch No.	Reference	Sample ID	TFT
Method: EPA 8020A	Acceptability Limits:		43-136%
090796GC4-1	CV090796204	Calibration Verifi	88.6
090796GC4-3	BW0907964	Method Blank Water	86.6
090796GC4-4	MS08045007	Matrix Spike	87.8
090796GC4-6	DP08048004	Duplicate	88.5
090796GC4-7	DP08048007	Duplicate	98.8
--	08048001	TB-LB	84.0
--	08048002	MW-10	89.7
--	08048003	MW-17	88.1
--	08048004	MW-15	88.3
--	08048005	MW-14	89.8
--	08048006	MW-11	91.4
--	08048007	MW-9	90.9
--	08048008	MW-16	86.8
--	08048009	MW-13	95.4
--	08048010	MW-6	82.6

Notes:

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

GTEL Client ID: GTR01CHV08

QUALITY CONTROL RESULTS

Login Number: W6080480

Volatile Organics

Project ID (number): 5110.85

Method: EPA 8020A

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 8020A	Units:ug/L	QC Batch:090796GC4-1		
Benzene	20.0	17.1	85.5	77-123%
Toluene	20.0	17.3	86.5	77.5-122.5%
Ethylbenzene	20.0	17.0	85.0	63-137%
Xylenes (Total)	60.0	51.8	86.3	85-115%
TPH as Gasoline	500.	511.	102.	80-120%

Notes:

QC check source: Supelco #LA12389

GTEL Client ID: GTR01CHV08

QUALITY CONTROL RESULTS

Login Number: W6080480

Project ID (number): 5110.85

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

Volatile Organics

Method: EPA 8020A

Matrix: Aqueous

Duplicate Sample Results

Analyte		Original	Duplicate	RPD, %	Acceptability
		Concentration	Concentration		Limits, %
EPA 8020A	Units: ug/L	QC Batch: 090796GC4-6		GTEL Sample ID: W6080480-04	
Client ID: MW-15					
MTBE		< 10.0	< 10.0	NA	20
Benzene		< 0.500	< 0.500	NA	23.9
Toluene		< 1.00	< 1.00	NA	27.2
Ethylbenzene		< 1.00	< 1.00	NA	21.6
Xylenes (Total)		< 2.00	< 2.00	NA	22.0
TPH as Gasoline		< 100.	< 100.	NA	20
EPA 8020A	Units: ug/L	QC Batch: 090796GC4-7		GTEL Sample ID: W6080480-07	
Client ID: MW-9					
MTBE		291	289	0.690	20
Benzene		2680	2650	1.13	23.9
Toluene		3590	3540	1.40	27.2
Ethylbenzene		918.	904.	1.54	21.6
Xylenes (Total)		5940	5880	1.02	22.0
TPH as Gasoline		70600	70300	0.426	20

Notes:

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