



Chevron

August 26, 1996

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

RECEIVED BY
FIRE PREVENTION OFFICE

AUG 28 1996

HAYWARD FIRE DEPARTMENT

Chevron U.S.A. 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 First and Second Quarter Groundwater Monitoring Reports for 1996, that were prepared by our consultant Gettler-Ryan Inc. for the above noted site. I apologize for the delay in the submittal of the First Quarter Report and future reports will be submitted in a timely manner. 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 well MW-10 was sampled in the first and second quarters. Monitoring wells MW-14, MW-15, MW-16 and MW-17 are sampled during all four quarters. 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 in the first quarter from 7.90 to 21.78 feet, with direction of flow to the southwest. In the second quarter, depth to ground water varied from 9.20 to 21.72 feet with direction of flow to the southwest.

The ground water extraction system at the site has treated over 370,000 gallons of hydrocarbon impacted ground water to date. For your information, the facilities on this site are scheduled to be completely removed within the next 90 days. Chevron will be evaluating additional remedial options in conjunction with the removal and abandonment of the site as a service station. Chevron will continue to monitor and sample the wells at this site in accordance to the schedule outlined above and until the demolition takes place. At that time, Chevron will reevaluate the monitoring procedure, since some wells may be destroyed by the removal activities.

If you have any questions or comments, call me at (510) 842-9136. For your information, Mark Miller has been transferred to another position within Chevron, and I have taken over this project from him.

Sincerely,
CHEVRON PRODUCTS COMPANY

Philip R. Briggs
Site Assessment and Remediation Project Manager

August 26, 1996
Mr. Sumadhu Arigala
Chevron Service Station #9-0260
Page 2

Enclosure

cc. Mr. Bill Scudder, 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

Mr. Kent O'Brien
Geraghty & Miller
1050 Marina Way South
Richmond, CA 94804



GETTLER-RYAN INC.

March 26, 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 February 20, 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, MW13 through MW-17) at Chevron Service Station #9-0260 located at 21995 Foothill Boulevard in Hayward, California.

Static groundwater levels were measured on February 20, 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.

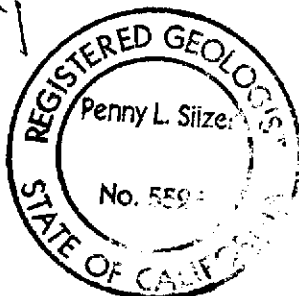
Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Quarterly Groundwater Sampling (attached). The field data sheets for this event are also attached. The samples were analyzed by GTEL Environmental Laboratories, Inc. Analytical results are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

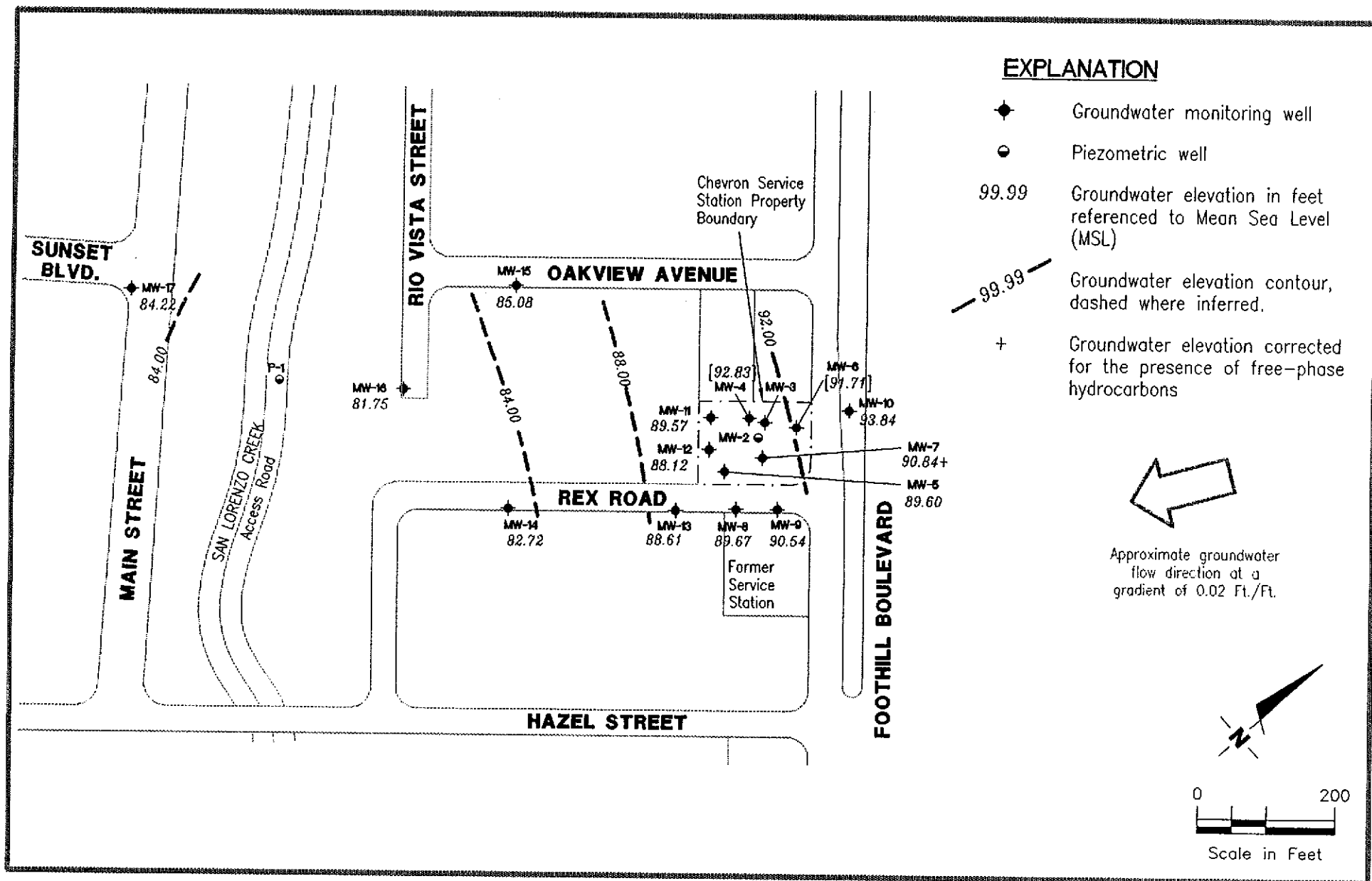
Deanna L. Harding
Deanna L. Harding
Project Coordinator

Penny L. Silzer
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 - Quarterly 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

DATE

February 20, 1996

REVISED DATE



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)							
<-----ppb----->											
MW-4 100.75	2/5/88	---	---	0	88,000	24,000	19,000	1,700	10,000	---	
	6/15/88	12.92	87.83	0	95,000	45,000	30,000	2,100	17,000	---	
	9/27/88 ^{1,2}	14.22	86.53	0	500,000	41,000	27,000	<5,000	16,000	---	
	9/27/88 ^{1,3,4}	---	---	0	88,000	1,200	4,100	1,600	12,000	---	
	1/5/89	13.20	87.55	0	64,000	41,000	29,000	2,700	14,000	---	
	4/6/89	12.32	88.43	---	---	---	---	---	---	---	
	6/28/89	14.25	86.50	0	110,000	34,000	24,000	2,400	13,000	---	
	10/3/89	14.75	86.00	0	240,000	36,000	31,000	3,200	19,000	---	
	1/4/90	14.75	86.00	0	130,000	33,000	28,000	2,400	14,000	---	
	4/3/90	13.81	86.94	0	110,000	41,000	32,000	2,900	17,000	---	
	7/3/90	14.06	86.69	0	180,000	32,000	30,000	2,600	15,000	---	
	11/6/90	15.66	85.09	0	170,000	31,000	30,000	2,700	17,000	---	
	1/4/91	15.18	85.87	---	---	---	---	---	---	---	
	4/3/91	11.00	89.75	0	130,000	21,000	24,000	2,300	14,000	---	
	7/2/91	14.25	86.50	---	---	---	---	---	---	---	
100.73	10/2/91	16.16	84.59	0	240,000	27,000	33,000	2,600	16,000	---	
	1/2/92	15.26	85.49	---	---	---	---	---	---	---	
	4/7/92	12.38	88.37	---	---	---	---	---	---	---	
	8/13/92	16.68	84.05	---	---	---	---	---	---	---	
	12/3/92	16.17	84.58	---	1,300,000	17,000	41,000	12,000	90,000	---	
	3/25/93	10.50	90.23	---	---	---	---	---	---	---	
	10/4/94	12.84	87.89	0	---	---	---	---	---	---	
	11/14/94 ¹⁰	---	---	---	---	---	---	---	---	---	
	5/15/95	11.37	89.36	0	<50	<0.5	<0.5	<0.5	<0.5	---	
	8/4/95	12.30	88.43	0	---	---	---	---	---	---	
	11/28/95	14.65	86.08	0	97,000	23,000	18,000	1,400	8,800	430	
	2/20/96 ¹¹	7.90	92.83	0	---	---	---	---	---	---	
	MW-5 99.97	2/5/88	---	---	0	80,000	16,000	15,000	2,600	17,000	---
		6/15/88	12.30	87.67	0	77,000	42,000	38,000	2,500	16,000	---
		9/27/88 ^{1,2}	13.25	86.72	0	470,000	39,000	32,000	<5,000	16,000	---
9/27/88 ^{3,5}		---	---	---	48,000	1,800	3,500	1,600	10,000	---	
1/5/89		12.70	87.27	0	82,000	44,000	37,000	2,400	14,000	---	
4/6/89		12.22	87.75	---	---	---	---	---	---	---	
6/28/89		13.81	86.16	0	80,000	36,000	24,000	2,400	13,000	---	
10/3/89		14.27	85.70	0	240,000	40,000	35,000	2,600	15,000	---	
1/4/90		14.31	85.66	0	130,000	37,000	31,000	2,400	13,000	---	
4/3/90		13.50	86.47	0	120,000	41,000	33,000	2,500	14,000	---	
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	---	



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)	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	---	---	---	---	---	---
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	---
	4/7/92	13.47	87.96	0	---	---	---	---	---	---
	8/13/92	15.97	85.46	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)	B T E X					MTBE
						←-----ppb----->					
MW-6 (cont)	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		
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 ^{11,7}	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	---	---	---	---	---	---	
	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	---	---	---	---	---	---	



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-7 (cont)	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	---	---	---	---	---	---
MW-8	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	---
99.67	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
	2/20/96 ¹¹	10.00	89.67	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-9	10/27/88	---	---	---	50,000	2,000	9,900	2,000	14,000	---
101.15	1/5/89	12.63	88.52	0	55,000	670	8,900	3,400	16,000	---
	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	
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	---	---	---	---	---	---	---



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)	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	<0.50	<0.50	<0.60
	2/20/96	8.52	93.84	0	<50	<0.5	<0.5	<0.5	<0.5	<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	---	---	---	---	---	---
	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	---	---	---	---	---	---	---	---	---
99.57										



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)	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	
MW-12	6/28/89	14.10	85.54	0	55,000	30,000	21,000	2,900	19,000	---	
99.64	10/3/89	14.30	85.34	0	170,000	30,000	23,000	2,700	15,000	---	
	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	---	---	---	---	---	---	
	4/7/92	13.05	86.59	0	---	---	---	---	---	---	
	99.22	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	---	---	---	---	---	---	---	---	---
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	---	---	---	---	---	---		
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	---	---	---	---	---	---	---	



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 (cont)	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	
MW-14 99.68	8/29/90 ⁸	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	---



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)	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
MW-15	8/29/90 ⁹	16.58	79.48	0	2,000	26	2	72	110	—
96.06	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	<0.50	<0.50	<0.50	<0.50	<0.60
	2/20/96	10.98	85.08	0	1,600	25	0.5	20	38	16
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	---



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)	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
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	<0.50	<0.50	<0.50	<0.50	<0.60
	2/20/96	21.78	84.22	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
P-1 86.43	8/13/92	10.02	76.41	0	---	---	---	---	---	---
	12/3/92	10.80	75.63	0	---	---	---	---	---	---
	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	---



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----->					
TBLB (cont)	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	<0.50	<0.50	<0.50	<0.50	<0.60
	2/20/96	---	---	---	<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

3110pt.tqm



STANDARD OPERATING PROCEDURE QUARTERLY GROUNDWATER SAMPLING

Gettler-Ryan field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using a MMC flexi-dip interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

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

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

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

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

As requested by Chevron USA Products Company, the purge and decontamination water generated during sampling activities is taken to Chevron's Richmond Refinery for disposal.



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-4 Well Condition OK
Well Location Description _____

Well Diameter 4 in
Total Depth 21.5 ft
Depth to Liquid 7.90 ft
Hydrocarbon Thickness 0

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

of casing Volume _____ x _____ x(VF) _____ #Estimated _____ gal.

Purge Equipment Stack Pump Sampling Equipment Disposable Baster
Did well dewater _____ 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 _____
Water Color: _____ Odor: _____
Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-	3X40ml	Y	HCL	GTEL	Gal BTEX w/ HMBE

Comments Pump in well



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-5 Well Condition OK

Well Location Description _____

Well Diameter 4 in

Hydrocarbon Thickness Heavy sheen

Total Depth 18.6 ft

Depth to Liquid 10.37 ft

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

of casing Volume _____ x _____ x(VF) _____ #Estimated _____ gal.

Purge Equipment Stack Pump Sampling Equipment Disposable Baster

Did well dewater _____ 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 _____

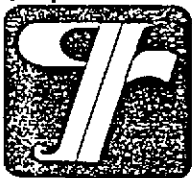
Water Color: _____ Odor: _____

Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-</u>	<u>2x40ml</u>	<u>Y</u>	<u>HCL</u>	<u>GTEL</u>	<u>Gal BTEX w/ HARE</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-6 Well Condition okay

Well Location Description _____

Well Diameter 4 in

Hydrocarbon Thickness 0

Total Depth 16.6 ft

Depth to Liquid 9.72 ft

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

of casing 3x 6.88 x 0.66 x (VF) 4.5 #Estimated 13.5 gal.
Volume

Purge Equipment Stack Pump Sampling Equipment Disposable Bailer

Did well dewater N/C If yes, Time _____ Volume _____

Starting Time 12:28 Purging Flow Rate 1.5 gpm.

Sampling Time 12:40

Time	pH	Conductivity	Temperature	Volume
<u>12:31</u>	<u>7.09</u>	<u>530</u>	<u>18.1</u>	<u>4.5</u>
<u>12:34</u>	<u>6.99</u>	<u>638</u>	<u>19.3</u>	<u>9.0</u>
<u>12:37</u>	<u>6.99</u>	<u>643</u>	<u>19.2</u>	<u>13.5</u>
<u>12:40</u>	<u>6.97</u>	<u>641</u>	<u>19.3</u>	<u>14.0</u>

Weather Conditions Cloudy Cool

Water Color: Clear Odor: Mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-6</u>	<u>3x40ml</u>	<u>Y</u>	<u>HCL</u>	<u>GTEL</u>	<u>GAU BTEX w/MTBE</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 511085
CITY Hayward SS# 9-0260

Well ID MW-7 Well Condition OK

Well Location Description _____

Well Diameter 4 in Hydrocarbon Thickness 0.02

Total Depth _____ ft

Depth to Liquid 10.09 ft

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

of casing Volume _____ x _____ x(VF) _____ #Estimated purge Volume _____ gal.

Purge Equipment _____ Sampling Equipment _____

Did well dewater _____ If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

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

Weather Conditions _____

Water Color: _____ Odor: strong

Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comments Bailed product 1/16 gal



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-8 Well Condition OK
Well Location Description _____

Well Diameter 4 in Hydrocarbon Thickness 0

Total Depth 18.4 ft

Depth to Liquid 10.00 ft

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

of casing Volume _____ x _____ x(VF) _____ #Estimated _____ gal.

Purge Equipment Stack Pump Sampling Equipment Disposable Bailor

Did well dewater _____ 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 _____

Water Color: _____ Odor: _____

Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-</u>	<u>3x40ml</u>	<u>Y</u>	<u>HCL</u>	<u>GTEL</u>	<u>Gal BTEX w/ HMBE</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-9 Well Condition OK

Well Location Description _____

Well Diameter 4 in

Total Depth 19.2 ft

Depth to Liquid 10.61 ft

of casing 8-59 x _____

Hydrocarbon Thickness Heavy sheen

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		
x(VF)	<u>-66</u>	x(VF) <u>5-7</u>	#Estimated <u>12</u> gal.

Purge Equipment Stack Pump Sampling Equipment Disposable Bailer

Did well dewater NO If yes, Time _____ Volume _____

Starting Time 1236 Purging Flow Rate 2 gpm.

Sampling Time 1250

Time	pH	Conductivity	Temperature	Volume
<u>1239</u>	<u>6.52</u>	<u>123</u>	<u>18.7</u>	<u>6</u> gal
<u>1242</u>	<u>6.47</u>	<u>201</u>	<u>19.1</u>	<u>12</u>
<u>1245</u>	<u>6.44</u>	<u>208</u>	<u>19.1</u>	<u>18</u>
<u>1250</u>	<u>6.43</u>	<u>209</u>	<u>19.2</u>	<u>19</u>

Weather Conditions cloudy

Water Color: clear Odor: strong

Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-9</u>	<u>3x40ml</u>	<u>Y</u>	<u>HCL</u>	<u>GTEL</u>	<u>Gal BTEX w/MTBE</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-10 Well Condition OK

Well Location Description _____

Well Diameter 4 in Hydrocarbon Thickness 0

Total Depth 27.6 ft

Depth to Liquid 8.52 ft

3 # of casing Volume 19.08 x .66 x (VF) 12.6 #Estimated 37.8 gal.

Purge Equipment Stack Pump Sampling Equipment Disposable Baster

Did well dewater no If yes, Time _____ Volume _____

Starting Time 1010 Purging Flow Rate 2 gpm.

Sampling Time 1034

Time	pH	Conductivity	Temperature	Volume
<u>1016</u>	<u>7.42</u>	<u>1213</u>	<u>20.0</u>	<u>12</u> gal
<u>1022</u>	<u>7.47</u>	<u>1218</u>	<u>20.2</u>	<u>24</u> gal
<u>1029</u>	<u>7.47</u>	<u>1221</u>	<u>20.3</u>	<u>38</u> gal
<u>1034</u>	<u>7.48</u>	<u>1222</u>	<u>20.3</u>	<u>39</u> gal

Weather Conditions cloudy

Water Color: clear Odor: none

Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-10	3X40ml	Y	HCL	GTEL	GA-BTEX w/MTBE

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-11 Well Condition OK

Well Location Description _____

Well Diameter 4 in

Total Depth 16.3 ft

Depth to Liquid 10.00 ft

Hydrocarbon Thickness 0

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

of casing 3X 6.3 x 0.66 x (VF) 4.2 #Estimated 12.6 gal.
Volume Suction purge Volume

Purge Equipment Stack Pump Sampling Equipment Disposable Bailer

Did well dewater _____ If yes, Time _____ Volume _____

Starting Time 1201 Purging Flow Rate 1.4 gpm.

Sampling Time 1213

Time	pH	Conductivity	Temperature	Volume
<u>1204</u>	<u>7.40</u>	<u>439</u>	<u>18.2</u>	<u>4.2</u>
<u>1207</u>	<u>6.73</u>	<u>553</u>	<u>18.4</u>	<u>8.4</u>
<u>1210</u>	<u>6.72</u>	<u>552</u>	<u>18.1</u>	<u>12.6</u>
<u>1213</u>	<u>6.74</u>	<u>554</u>	<u>18.2</u>	<u>13.0</u>

Weather Conditions Partly cloudy cool

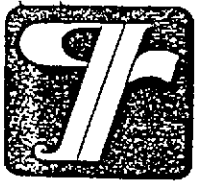
Water Color: Clear Odor: Mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-11</u>	<u>2X40ml</u>	<u>Y</u>	<u>HCL</u>	<u>GTCL</u>	<u>GAL BTEX w/ HAPs</u>

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-12 Well Condition OK
Well Location Description _____

Well Diameter _____ in Hydrocarbon Thickness OK

Total Depth _____ ft

Depth to Liquid 11.10 ft

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

of casing Volume _____ x _____ x(VF) _____ #Estimated _____ gal.

Purge Equipment Stack Pump Sampling Equipment Disposable Bailer

Did well dewater _____ If yes, Time _____ Volume _____

Starting Time _____ Purging Flow Rate _____ gpm.

Sampling Time _____

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

Weather Conditions _____

Water Color: _____ Odor: _____

Sediment Description _____

LABORATORY INFORMATION

Sample ID	Container	Rafrig	Preservative Type	Lab	Analysis
<u>MW-</u>	<u>3X40ml</u>	<u>Y</u>	<u>HCL</u>	<u>GTEL</u>	<u>Gal BTEX w/HMGE</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

Comments Pump in well - System working



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-13 Well Condition okay
Well Location Description _____

Well Diameter _____ in Hydrocarbon Thickness 0

Total Depth 17.9 ft

Depth to Liquid 9.86 ft

of casing Volume 8.04 x -66 x(VF) 5.3 #Estimated 15.9 gal.

Purge Equipment Suction Sampling Equipment Disposable Bailor

Did well dewater No If yes, Time _____ Volume _____

Starting Time 1250 Purging Flow Rate 1.8 gpm.

Sampling Time _____

Time	pH	Conductivity	Temperature	Volume
<u>1253</u>	<u>6.91</u>	<u>489</u>	<u>19.7</u>	<u>5.4</u>
<u>1256</u>	<u>7.22</u>	<u>506</u>	<u>20.8</u>	<u>10.8</u>
<u>1259</u>	<u>7.26</u>	<u>505</u>	<u>20.7</u>	<u>16.2</u>
<u>1301</u>	<u>7.24</u>		<u>20.7</u>	<u>17.0</u>

Weather Conditions Partly Cloudy

Water Color: Clear Odor: Mild

Sediment Description None

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-13	2X40ml	Y	HCL	GTEL	Gas BTEX w/ HAPs

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER	<u>Guadalupe Sanchez</u>	DATE	<u>2-20-96</u>												
ADDRESS	<u>21995 Foothill Blvd</u>	JOB #	<u>5110.85</u>												
CITY	<u>Hayward</u>	SS#	<u>9-0260</u>												
Well ID	<u>MW-14</u>	Well Condition	<u>OK</u>												
Well Location Description															
Well Diameter	<u>2</u> in	Hydrocarbon Thickness	<u>0</u>												
Total Depth	<u>41.0</u> ft	<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>16.96</u> ft														
# of casing Volume	<u>24.04</u>	x	<u>.17</u> x(VF) <u>4.0</u> #Estimated <u>12.3</u> gal.												
Purge Equipment	<u>Stack Pump</u>	Sampling Equipment	<u>Disposable Bailer</u>												
Did well dewater	<u>NO</u>	If yes, Time	Volume												
Starting Time	<u>1108</u>	Purging Flow Rate	<u>2</u> gpm.												
Sampling Time	<u>1119</u>														
Time	pH	Conductivity	Temperature	Volume											
<u>1110</u>	<u>6.85</u>	<u>1025</u>	<u>18.1</u>	<u>4</u> gal											
<u>1112</u>	<u>6.73</u>	<u>1324</u>	<u>18.7</u>	<u>8</u>											
<u>1114</u>	<u>6.73</u>	<u>1381</u>	<u>18.7</u>	<u>12</u>											
<u>1119</u>	<u>6.73</u>	<u>1382</u>	<u>18.7</u>	<u>13</u>											
Weather Conditions	<u>cloudy</u>														
Water Color:	<u>clear</u>		Odor:	<u>mild</u>											
Sediment Description	<u>none</u>														

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-114	3x40ml	Y	HCL	GTEL	Gas BTEX w/ HABE

Comments



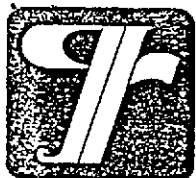
WELL SAMPLING FIELD DATA SHEET

SAMPLER	<u>Guadalupe Sanchez</u>	DATE	<u>2-20-96</u>												
ADDRESS	<u>21995 Foothill Blvd</u>	JOB #	<u>5110.85</u>												
CITY	<u>Hayward</u>	SSH	<u>9-0260</u>												
Well ID	<u>MW-15</u>	Well Condition	<u>OK</u>												
Well Location Description _____															
Well Diameter	<u>2</u> in	Hydrocarbon Thickness	<u>0</u>												
Total Depth	<u>22.1</u> ft	<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>10.98</u> ft														
3 # of casing Volume	<u>11.12</u> x <u>.17</u> x(VF) <u>1.9</u> #Estimated <u>5.7</u> gal.	purge Volume													
Purge Equipment	<u>Stack Pump</u>	Sampling Equipment	<u>Disposable Bailor</u>												
Did well dewater	<u>no</u>	If yes, Time	Volume												
Starting Time	<u>1045</u>	Purging Flow Rate	<u>2</u> gpm.												
Sampling Time	<u>1053</u>														
Time	pH	Conductivity	Temperature	Volume											
<u>1046</u>	<u>6.95</u>	<u>1222</u>	<u>18.6</u>	<u>2</u> gal											
<u>1047</u>	<u>6.90</u>	<u>1245</u>	<u>19.1</u>	<u>4</u>											
<u>1048</u>	<u>6.88</u>	<u>1248</u>	<u>19.3</u>	<u>6</u>											
<u>1053</u>	<u>6.88</u>	<u>1249</u>	<u>19.3</u>	<u>7</u>											
Weather Conditions <u>cloudy</u>															
Water Color: <u>clear</u>		Odor: <u>none</u>													
Sediment Description <u>none</u>															

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-15	2x40ml	Y	HCL	GTEL	Gas BTX w/ HPLC

Comments _____



WELL SAMPLING FIELD DATA SHEET

SAMPLER	<u>Guadalupe Sanchez</u>	DATE	<u>2-20-96</u>												
ADDRESS	<u>21995 Foothill Blvd</u>	JOB #	<u>5110.85</u>												
CITY	<u>Hayward</u>	SS#	<u>9-0260</u>												
Well ID	<u>MW-16</u>	Well Condition	<u>okay</u>												
Well Location Description															
Well Diameter	<u>2"</u> in	Hydrocarbon Thickness	<u>0</u>												
Total Depth	<u>38'</u> ft	<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>16.40</u> ft														
# of casing	<u>3x 21.60</u>	x	<u>0.17</u> x(VF) <u>3.7</u> #Estimated <u>141</u> gal.												
Purge Equipment	<u>Stack Pump</u>	Sampling Equipment	<u>Disposable Bailer</u>												
Did well dewater	<u>no</u>	If yes, Time	Volume												
Starting Time	<u>1137</u>	Purging Flow Rate	<u>1.3</u> gpm.												
Sampling Time	<u>1149</u>														
Time	pH	Conductivity	Temperature	Volume											
<u>1140</u>	<u>7.23</u>	<u>451</u>	<u>18.17</u>	<u>3.9</u>											
<u>1143</u>	<u>7.13</u>	<u>450</u>	<u>18.16</u>	<u>7.8</u>											
<u>1146</u>	<u>7.19</u>	<u>430</u>	<u>18.14</u>	<u>11.7</u>											
<u>1149</u>	<u>7.20</u>	<u>435</u>	<u>18.15</u>	<u>12.0</u>											
Weather Conditions	<u>Partly cloudy cool</u>														
Water Color:	<u>Grey</u>	Odor:	<u>Mild</u>												
Sediment Description	<u>Light Silty</u>														

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
MW-16	2x40ml	Y	HCL	GTEL	Gas BTX & HAPs

Comments



WELL SAMPLING FIELD DATA SHEET

SAMPLER Guadalupe Sanchez DATE 2-20-96
ADDRESS 21995 Foothill Blvd JOB # 5110.85
CITY Hayward SS# 9-0260

Well ID MW-17 Well Condition OK

Well Location Description _____

Well Diameter 2 in

Total Depth 33.6 ft

Depth to Liquid 21.78 ft

of casing Volume 11.82 x

Hydrocarbon Thickness 0

Volume	2" = 0.17	6" = 1.50	12" = 5.80
Factor	3" = 0.38		
(VF)	4" = 0.66		
<u>.17</u> x (VF)	<u>2.0</u>	#Estimated	<u>6.0</u> gal.

Purge Equipment Stack Pump

Sampling Equipment Disposable Bailer

Did well dewater _____

If yes, Time _____ Volume _____

Starting Time 9:30

Purging Flow Rate 2 gpm.

Sampling Time 9:38

Time	pH	Conductivity	Temperature	Volume
<u>9:31</u>	<u>7.21</u>	<u>704</u>	<u>17.1</u>	<u>2</u> gal
<u>9:32</u>	<u>7.26</u>	<u>917</u>	<u>18.4</u>	<u>7</u>
<u>9:33</u>	<u>7.28</u>	<u>934</u>	<u>18.9</u>	<u>6</u>
<u>9:38</u>	<u>7.28</u>	<u>936</u>	<u>18.9</u>	<u>7</u> ✓

Weather Conditions rain

Water Color: light brown

Odor: none

Sediment Description none

LABORATORY INFORMATION

Sample ID	Container	Refrig	Preservative Type	Lab	Analysis
<u>MW-17</u>	<u>3X40ml</u>	<u>Y</u>	<u>HCL</u>	<u>GTEL</u>	<u>GAL-BTEX w/MTBE</u>

Comments _____



GTEL

ENVIRONMENTAL
LABORATORIES, INC.

Midwest Region

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

February 29, 1996

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

RECEIVED

MAR - 1 1996

GETTLER-RYAN INC.
GENERAL CONTRACTORS

RE: GTEL Client ID:	GTR01CHV08
Login Number:	W6020388
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 02/21/96.

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

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

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

Sincerely,
GTEL Environmental Laboratories, Inc.

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

ANALYTICAL RESULTS
Volatile Organics

GTEL Client ID: GTR01CHV08
 Login Number: W6020388
 Project ID (number): 5110.85
 Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Method: EPA 8020
 Matrix: Aqueous

GTEL Sample Number	W6020388-01	W6020388-02	W6020388-03	W6020388-04
Client ID	TB-LB	MW-17	MW-10	MW-15
Date Sampled		02/20/96	02/20/96	02/20/96
Date Analyzed	02/27/96	02/27/96	02/27/96	02/28/96
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	16.
Benzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	25.
Toluene	0.5	ug/L	< 0.5	< 0.5	< 0.5	0.5
Ethylbenzene	0.5	ug/L	< 0.5	< 0.5	< 0.5	20.
Xylenes (total)	0.5	ug/L	< 0.5	< 0.5	< 0.5	38.
BTEX (total)	--	ug/L	--	--	--	84.
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: W6020388
 Project ID (number): 5110.85
 Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Method: EPA 8020
 Matrix: Aqueous

GTEL Sample Number	W6020388-05	W6020388-06	W6020388-07	W6020388-08
Client ID	MW-14	MW-16	MW-11	MW-6
Date Sampled	02/20/96	02/20/96	02/20/96	02/20/96
Date Analyzed	02/28/96	02/28/96	02/28/96	02/28/96
Dilution Factor	1.00	50.0	25.0	100.

Analyte	Reporting		Concentration:			
	Limit	Units				
MTBE	5.0	ug/L	< 5.0	< 250	< 120	< 500
Benzene	0.5	ug/L	< 0.5	6600	4500	11000
Toluene	0.5	ug/L	< 0.5	2200	2200	1600
Ethylbenzene	0.5	ug/L	< 0.5	2400	560	2100
Xylenes (total)	0.5	ug/L	< 0.5	7300	3500	9400
BTEX (total)	--	ug/L	--	18000	11000	24000
TPH as Gasoline	50	ug/L	70	46000	22000	59000

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: W6020388
 Project ID (number): 5110.85
 Project ID (name): CHEVRON/9-0260/21995 FOOTHILL BLVD/HAYWARD/CA

Method: EPA 8020
 Matrix: Aqueous

GTEL Sample Number	W6020388-09	W6020388-10	--	--
Client ID	MW-9	MW-13	--	--
Date Sampled	02/20/96	02/20/96	--	--
Date Analyzed	02/28/96	02/28/96	--	--
Dilution Factor	20.0	25.0	--	--

Analyte	Reporting		Concentration:			
	Limit	Units				
MTBE	5.0	ug/L	< 100	< 120	--	--
Benzene	0.5	ug/L	1600	5500	--	--
Toluene	0.5	ug/L	1700	5500	--	--
Ethylbenzene	0.5	ug/L	750	2900	--	--
Xylenes (total)	0.5	ug/L	6500	8800	--	--
BTEX (total)	--	ug/L	11000	23000	--	--
TPH as Gasoline	50	ug/L	41000	59000	--	--

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: W6020388

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:

GTEL Client ID: GTR01CHV08
Login Number: W6020388

QUALITY CONTROL RESULTS

Project ID (number): 5110.85

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

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Surrogate Results

QC Batch No.	Reference	Sample ID	TFT
Method: EPA 8020	Acceptability Limits:		43-136%
022796GC17-1	BW02279617	Method Blank Water	112.
022796GC17-10	DP02038806	Duplicate	122.
022796GC17-3	CV0227962017	Calibration Verifi	102.
022796GC17-8	MS02038803	Matrix Spike	104.
--	02038801	TB-LB	106.
--	02038802	MW-17	102.
--	02038803	MW-10	101.
--	02038804	MW-15	125.
--	02038805	MW-14	103.
--	02038806	MW-16	122.
--	02038807	MW-11	116.
--	02038808	MW-6	115.
--	02038809	MW-9	106.
--	02038810	MW-13	113.

Notes:

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

Project ID (Number): 5110.85
Project ID (Name): Chevron SS #9-0260
21995 Foothill Blvd
Hayward, CA
Work Order Number: W6-02-0388
Date Reported: 02-28-96

METHOD BLANK REPORT

Volatile Organics in Water
EPA Method 8020

Date of Analysis:

27-Feb-96

QC Batch No:

022796GC17-1

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

GTEL Client ID: GTR01CHV08
Login Number: W6020388

QUALITY CONTROL RESULTS

Project ID (number): 5110.85

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

Volatile Organics
Method: EPA 8020
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:022796GC17-3		
Benzene	20.0	22.3	112.	77-123%
Toluene	20.0	22.8	114.	77.5-122.5%
Ethylbenzene	20.0	22.2	111.	63-137%
Xylenes (Total)	60.0	67.1	112.	85-115%
TPH as Gasoline	500.	504.	101.	80-120%

Notes:

QC check source: Supelco #LA12389

GTEL Client ID: GTR01CHV08
Login Number: W6020388
Project ID (number): 5110.85

QUALITY CONTROL RESULTS

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

Volatile Organics
Method: EPA 8020
Matrix: Aqueous

Duplicate Sample Results

Analyte	Original Concentration	Duplicate Concentration	RPD, %	Acceptability Limits, %
EPA 8020	Units: ug/L	QC Batch: 022796GC17-10	GTEL Sample ID: W6020388-06	Client ID: MW-16
MTBE	< 500	< 500	NA	20
Benzene	6640	6410	3.52	23.9
Toluene	2170	2090	3.76	27.2
Ethylbenzene	2390	2300	3.84	21.6
Xylenes (Total)	7300	7030	3.77	22.0
TPH as Gasoline	46200	43900	5.11	20

Notes:

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

GTEL Client ID: GTR01CHV08

QUALITY CONTROL RESULTS

Login Number: W6020388

Project ID (number): 5110.85

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

Volatile Organics

Method: EPA 8020

Matrix: Aqueous

Matrix Spike(MS) Results

GTEL Sample ID:W6020388-03			MS ID:MS02038803		
Analysis Date: 27-FEB-96			28-FEB-96		
Units: ug/L	Sample	Spike	MS	MS	Acceptability Limits
Analyte	Conc.	Added	Conc.	% Rec.	%Rec.
Benzene	< 0.5 (0.000)	20.0	21.9	110.	67-110
Toluene	< 0.5 (0.100)	20.0	22.7	113.	68-115
Ethylbenzene	< 0.5 (0.000)	20.0	21.9	110.	65-120
Xylenes (Total)	< 0.5 (0.120)	60.0	66.4	110.	62-119

Notes:

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