



GETTLER-RYAN INC.

March 30, 1998

Job #5110.80

Mr. Phil Briggs
Chevron Products Company
P.O. Box 6004
San Ramon, CA 94583

Re: First Quarter 1998 Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-0260
21995 Foothill Boulevard
Hayward, California

Dear Mr. Briggs:

This report documents the quarterly groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R). On February 25, 1998, field personnel were on-site to monitor fifteen wells (MW-4 through MW-18) and sample ten wells (MW-6, MW-9, MW-10, MW-11, and MW-13 through MW-18) at the Former Chevron Service Station #9-0260 located at 21995 Foothill Boulevard in Hayward, California.

Static groundwater levels were measured and all wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in any of the wells. Static water level data and groundwater elevations are presented in Table 1. Separate-phase removal (history) 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 Sequoia Analytical. Analytical results are presented in Table 1. The chain of custody document and laboratory analytical reports are attached.

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

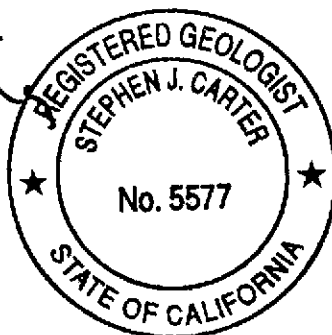
Sincerely,

Deanna L. Harding

Deanna L. Harding
Project Coordinator

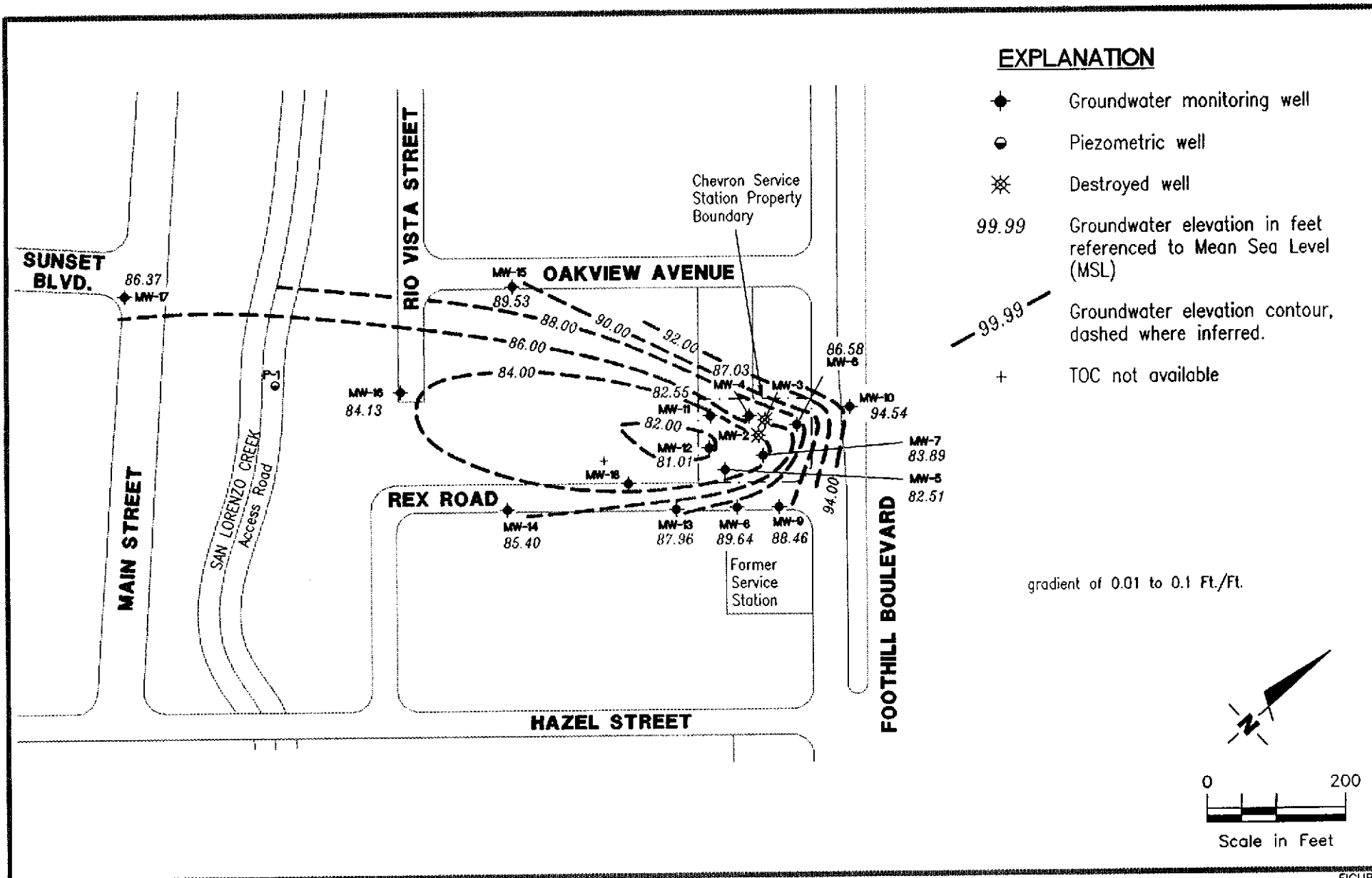
Stephen J. Carter

Stephen J. Carter
Senior Geologist, R.G. No. 5577



DLH/SJC/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



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

FIGURE

1



Gettler - Ryan Inc.

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

JOB NUMBER
 5110

REVIEWED BY

DATE
 February 25, 1998

REVISED DATE

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-4	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	---
100.75	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	---	---	---	---	---	---	---
	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	---	---	---	---	---	---	---
100.73	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	---	---	---	---	---	---
	5/29/96	11.00	89.73	0	59,000	11,000	11,000	740	4,400	<500
	8/27/96	13.24	87.49	0	---	---	---	---	---	---
	11/22/96	11.50	89.23	0	130,000	20,000	14,000	1,200	7,000	21,000
	2/18/97	9.47	91.26	0	---	---	---	---	---	---
	5/23/97	12.63	88.10	0	120,000 ¹⁵	23,000	21,000	1,400	8,400	50,000
	8/4/97	13.22	87.51	0	120,000	25,000	22,000	1,600	8,000	15,000
	11/25/97	13.90	86.83	0	460,000 ¹⁵	44,000	45,000	4,000	19,000	290,000
	2/25/98	13.70	87.03	0	---	---	---	---	---	---
MW-5	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	---
99.97	9/27/88 ^{1,2}	13.25	86.72	0	470,000	39,000	32,000	<5,000	16,000	---
	9/27/88 ^{1,3}	---	---	---	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	---	---	---	---	---	---	---

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-5 (cont)	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	---
	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	---	---	---	---	---	---
	11/22/96	12.47	87.50	0	170,000	25,000	27,000	2,000	12,000	<500
	2/18/97	9.51	90.46	0	---	---	---	---	---	---
	5/23/97	12.25	87.72	0	160,000	29,000	34,000	2,900	16,000	<250
	8/4/97	12.88	87.09	0	130,000	27,000	31,000	2,500	13,000	<500
	11/25/97	14.81	85.16	0	310,000 ¹⁵	52,000	59,000	5,500	28,000	3,300
	2/25/98	17.46	82.51	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	---

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----	B	T	E	X	MTBE >-----
MW-6 (cont)	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	---	---	---	---	---	---
	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
	11/22/96	12.90	88.53	0	---	---	---	---	---	---
	2/18/97	10.01	91.42	0	14,000	3,700	160	720	1,800	400
	5/23/97	12.75	88.68	0	---	---	---	---	---	---
	8/4/97	13.48	87.95	0	62,000	13,000	930	3,500	8,500	710
	11/25/97	14.21	87.22	0	---	---	---	---	---	---
	2/25/98	14.85	86.58	0	30,000	2,400	910	740	4,000	2,600
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	---

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-7 (cont)	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	---	---	---	---	---	---
	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 ¹²	0.02	---	---	---	---	---	---
	11/22/96	12.99	87.94 ¹²	0.02	---	---	---	---	---	---
	2/18/97	9.58	91.33	0.01	---	---	---	---	---	---
	5/23/97	12.55	88.36	0	8,300	210	580	130	1,400	<250
	8/4/97	13.23	87.68	0	96,000	12,000	16,000	2,300	14,000	3,600
	11/25/97	16.30	84.61	0	140,000	18,000	32,000	2,400	13,000	1,100
	2/25/98	17.02	83.89	0	---	---	---	---	---	---
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	---	---	---	---	---	---

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G)	B	T	E	X	MTBE
					<-----ppb----->					
MW-8 (cont)	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	---	---	---	---	---	---
	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	---	---	---	---	---	---
	11/22/96	12.01	87.66	0	150,000	7,400	33,000	2,400	14,000	<500
	2/18/97	9.11	90.56	0	---	---	---	---	---	---
	5/23/97	11.58	88.09	0	140,000	11,000	38,000	3,200	18,000	<250
	8/4/97	12.18	87.49	0	140,000	8,000	38,000	3,500	18,000	<500
	11/25/97	17.05	82.62	0	290,000 ¹⁵	15,000	71,000	7,400	36,000	3,600
	2/25/98	10.03	89.64	0	---	---	---	---	---	---
MW-9 101.15	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	---
	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	---	---	---	---	---	---

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-9 (cont)	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
	11/22/96	12.88	88.27	0	---	---	---	---	---	---
	2/18/97	9.66	91.49	0.005	78,000	1,800	3,800	2,300	13,000	510
	5/23/97	12.53	88.62	0	---	---	---	---	---	---
	8/4/97	13.00	88.15	0	73,000	2,600	2,200	440	9,600	370
	11/25/97	17.12	84.03	0	---	---	---	---	---	---
	2/25/98	12.69	88.46	0	34,000	150	510	1,300	6,400	<250
MW-10 102.36	10/27/88 ¹	---	---	---	<500	26	13	<5	<5	---
	1/5/89	12.64	89.72	0	<1,000	<0.3	<0.3	<0.3	<0.3	---
	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	---

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

California (continued)											
Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) ----->	B	T	E	X	MTBE ----->	
					ppb						
MW-10 (cont)	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	
	11/22/96	11.52	90.84	0	<50	<0.5	<0.5	<0.5	1.0	<5.0	
	2/18/97	8.49	93.87	0	<50	0.7	<0.5	<0.5	<0.5	<5.0	
	5/23/97	10.88	91.48	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0	
8/4/97	13.29	89.07	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0		
11/25/97	13.30	89.06	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0		
2/25/98	7.82	94.54	0	<50	<0.50	<0.50	<0.50	<0.50	<2.5		
MW-11	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	---	
	99.97	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	---	---	---	---	---	---		
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	---	---	---	---	---	---	

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-11 (cont)	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
	11/22/96	12.10	87.47	0	---	---	---	---	---	---
	2/18/97	9.23	90.34	0	42,000	7,100	3,100	830	4,200	510
	5/23/97	12.28	87.29	0	---	---	---	---	---	---
	8/4/97	12.85	86.72	0	79,000	14,000	8,400	2,300	9,900	6,900
	11/25/97	13.86	85.71	0	---	---	---	---	---	---
	2/25/98	17.02	82.55	0	34,000	5,200	2,200	1,200	4,400	5,000/5,300 ¹⁶
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	---	---	---	---	---	---
	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	---	---	---	---	---	---
	5/29/96	11.48	87.74	0	120,000	18,000	18,000	2,000	11,000	710

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-12 (cont)	8/27/96	12.50	86.72	0	---	---	---	---	---	---
	11/22/96	12.92	86.30	0	160,000	24,000	22,000	1,900	11,000	980
	2/18/97	9.20	90.02	---	---	---	---	---	---	---
	5/23/97	12.00	87.22	0	130,000 ¹⁴	27,000	22,000	2,700	15,000	6,200
	8/4/97	12.58	86.64	0	130,000	23,000	28,000	2,700	13,000	11,000
	11/25/97	13.92	85.30	0	290,000 ¹⁵	53,000	31,000	6,400	30,000	35,000
	2/25/98	18.21	81.01	0	---	---	---	---	---	---
MW-13 98.47	6/28/89	13.22	85.25	0	54,000	12,000	10,000	1,900	15,000	---
	10/3/89	13.54	84.93	0	120,000	10,000	10,000	2,300	15,000	---
	1/4/90	13.64	84.83	0	87,000	6,800	10,000	2,000	12,000	---
	4/3/90	12.95	85.52	0	53,000	12,000	14,000	2,900	17,000	---
	7/3/90	13.05	85.42	0	90,000	8,400	11,000	2,000	11,000	---
	11/6/90	14.12	84.35	---	---	---	---	---	---	---
	1/4/91	14.05	84.42	0	72,000	5,500	12,000	2,300	12,000	---
	4/3/91	11.41	87.06	---	---	---	---	---	---	---
	7/2/91	13.17	85.30	0	120,000	12,000	13,000	2,500	14,000	---
	10/2/91	14.24	84.23	---	---	---	---	---	---	---
	1/2/92	14.13	84.34	0.03	---	---	---	---	---	---
	4/7/92	13.06	85.41	---	---	---	---	---	---	---
	8/13/92	14.26	84.21	0	84,000	7,400	11,000	2,600	13,000	---
	12/3/92	14.82	83.65	---	---	---	---	---	---	---
	3/25/93	10.73	87.74	0	97,000	5,200	2,500	7,200	12,000	---
	6/23/93	11.97	86.50	0	---	---	---	---	---	---
	9/21/93	13.08	85.39	0	80,000	7,600	9,000	2,900	14,000	---
	12/2/93	13.45	85.02	0	---	---	---	---	---	---
	3/8/94	11.75	86.72	0	78,000	5,300	7,600	2,600	10,000	---
	6/13/94	12.30	86.17	0	---	---	---	---	---	---
	10/4/94	14.18	84.29	0	39,000	2,300	2,700	850	4,600	---
	11/14/94	12.62	85.85	0	---	---	---	---	---	---
	5/15/95	9.93	88.54	---	---	---	---	---	---	---
	8/4/95	11.08	87.39	0	47,000	7,700	10,000	2,900	10,000	---
	11/28/95 ¹¹	12.95	85.52	0	---	---	---	---	---	---
	2/20/96	9.86	88.61	0	59,000	5,500	5,500	2,900	8,800	<120
	5/29/96 ¹¹	10.30	88.17	0	---	---	---	---	---	---
	8/27/96	11.97	86.50	0	65,000	3,500	2,800	2,200	6,900	200
	11/22/96	11.71	86.76	0	---	---	---	---	---	---
	2/18/97	9.16	89.31	0	69,000	4,500	4,100	2,500	7,900	310
	5/23/97	11.56	86.91	0	---	---	---	---	---	---
	8/4/97	12.15	86.32	0	61,000	5,700	5,100	3,600	9,200	230

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-13 (cont)	11/25/97 2/25/98	13.12 10.51	85.35 87.96	0 0	--- 42,000	--- 3,800	--- 1,000	--- 2,000	--- 5,000	--- <250
MW-14	8/29/90 ^e	21.39	78.29	0	970	4	2	0.7	2	---
99.68	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
	11/22/96	19.55	80.13	0	620	49	13	7.2	22	210
	2/18/97	17.31	82.37	0	190	14	9.6	3.1	15	<5.0
	5/23/97	19.56	80.12	0	130	18	16	3.4	17	<5.0
	8/4/97	19.88	79.80	0	200	8.3	7.9	4.1	10	<5.0
	11/25/97	19.77	79.91	0	530	42	62	10	37	<5.0
	2/25/98	14.28	85.40	0	220	26	10	7.0	22	23
MW-15	8/29/90 ^e	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	---

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-15 (cont)	1/2/92	16.46	79.60	0	1,300	51	<0.5	30	30	---
	4/7/92	14.70	81.36	0	2,600	98	<5	64	36	---
	8/13/92	16.72	79.34	0	510	55	<0.5	35	2.8	---
	12/3/92	17.43	78.63	0	1,000	64	0.9	22	4.4	---
	3/25/93	13.33	82.73	0	1,300	86	52	0.7	7.7	---
	6/23/93	15.23	80.83	0	7,300	34	<0.5	85	160	---
	9/21/93	16.32	79.74	0	1,500	39	<0.5	32	33	---
	12/2/93	16.57	79.49	0	990	28	4	8	10	---
	3/8/94	14.61	81.45	0	3,400	44	4.0	28	53	---
	10/4/94	16.48	79.58	0	310	11	10	2.2	12	---
	11/14/94	14.20	81.86	0	450	27	2.4	2.2	4.2	---
	5/15/95	13.38	82.68	0	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	14.91	81.15	0	<50	0.6	<0.5	<0.5	0.8	---
	11/28/95	16.12	79.94	0	<50	<0.5	<0.5	<0.5	<0.5	<0.60
	2/20/96	10.98	85.08	0	1,600	25	0.5	20	38	16
	5/29/96 ¹³	---	---	---	---	---	---	---	---	---
	8/27/96	15.44	80.62	0	80	<0.5	<0.5	<0.5	0.7	<5.0
	11/22/96	14.49	81.57	0	1,500	14	<0.5	6.1	12	7.2
	2/18/97	12.17	83.89	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/23/97	15.03	81.03	0	130	20	9.7	0.9	1.5	<5.0
	8/4/97	15.48	80.58	0	60	1.3	<0.5	<0.5	1.1	<5.0
	11/25/97	15.39	80.67	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	2/25/98	6.53	89.53	0	4,300	27	<10	37	46	<50
MW-16 98.15	8/29/90	20.89	77.26	0	11,000	6,000	51	1,100	20	---
	11/6/90	21.27	76.88	0	15,000	6,300	340	1,300	540	---
	1/4/91	21.63	76.52	0	16,000	6,800	820	1,300	1,500	---
	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	---

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
MW-16 (cont)	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
	11/22/96	19.36	78.79	0	36,000	3,500	120	1,400	1,500	260
	2/18/97	17.22	80.93	0	62,000	5,800	1,300	2,200	8,900	160
	5/23/97	19.48	78.67	0	32,000	4,000	370	1,900	2,900	<250
	8/4/97	19.72	78.43	0	26,000	3,300	280	2,100	1,500	200
	11/25/97	19.73	78.42	0	38,000	3,900	370	2,400	3,000	250
	2/25/98	14.02	84.13	0	60,000	6,400	1,400	2,200	13,000	<1,000
MW-17 106.00	8/13/92	23.30	82.70	0	<50	<0.5	<0.5	<0.5	<0.5	---
	12/3/92	24.74	81.26	0	<50	<0.5	<0.5	<0.5	<0.5	---
	3/25/93	22.14	83.86	0	<50	<0.5	<0.5	<0.5	<1.5	---
	6/23/93	23.02	82.98	0	<50	<0.5	<0.5	<0.5	1	---
	9/21/93	23.09	82.91	0	<50	<0.5	<0.5	<0.5	<0.8	---
	12/2/93	23.37	82.63	0	---	---	---	---	---	---
	3/8/94	22.83	83.17	0	<50	<0.5	<0.5	<0.5	<0.5	---
	6/13/94	22.62	83.38	0	<50	1.2	1.1	<0.5	0.9	---
	10/4/94	23.00	83.00	0	62	8.0	2.9	0.7	3.1	---
	11/14/94	23.03	82.97	0	550	22	120	8.9	84	---
	5/15/95	21.72	84.28	0	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	22.37	83.63	0	<50	<0.5	<0.5	<0.5	<0.5	---
	11/28/95	22.97	83.03	0	<50	<0.5	<0.5	<0.5	<0.5	<0.60
	2/20/96	21.78	84.22	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/29/96	21.72	84.28	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	8/27/96	22.43	83.57	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/22/96	22.82	83.18	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	2/18/97	21.31	84.69	0	140	34	11	1.6	7.7	71
	5/23/97	22.25	83.75	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	8/4/97	22.53	83.47	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/25/97	22.91	83.09	0	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	2/25/98	19.63	86.37	0	<50	3.8	3.3	1.3	4.2	3.5
MW-18	8/4/97	16.60	---	0	66,000	8,600	6,100	2,800	12,000	190
	11/25/97	16.22	---	0	90,000	8,500	6,000	3,400	14,000	1,200
	2/25/98	12.75	---	0	60,000	6,600	4,000	2,300	11,000	<120

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

Well ID/ TOC (ft)	Date	DTW (ft)	GWE (msl)	Product Thickness* (ft)	TPH(G) <-----ppb----->	B	T	E	X	MTBE
P-1	8/13/92	10.02	76.41	0	---	---	---	---	---	---
	12/3/92	10.80	75.63	0	---	---	---	---	---	---
86.43	3/25/93	8.95	77.48	0	---	---	---	---	---	---
Rinseate	1/5/89	---	---	---	<1,000	<0.3	<0.3	<0.3	<0.3	---
	3/8/94	---	---	---	<50	1	1.4	<0.5	1.5	---
TB-LB	1/5/89	---	---	---	<1,000	<0.3	<0.3	<0.3	<0.3	---
	10/3/89	---	---	---	<500	<0.5	<0.5	<0.5	<0.5	---
	1/4/90	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	4/3/90	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	7/3/90	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	11/6/90	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	1/4/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	4/3/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	7/2/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/2/91	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	1/2/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	4/7/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	8/13/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	12/3/92	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/25/93	---	---	---	<50	<0.5	<0.5	<0.5	<1.5	---
	6/23/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	9/21/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.8	---
	12/2/93	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	3/8/94	---	---	---	<50	0.6	0.8	<0.5	0.6	---
	6/13/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	10/4/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	11/14/94	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	5/15/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	8/4/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	---
	11/28/95	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<0.60
	2/20/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/29/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	8/27/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/22/96	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	2/18/97	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	5/23/97	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	8/4/97	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	11/25/97	---	---	---	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	2/25/98	---	---	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1. Water Level Data and Groundwater Analytical Results - Former 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
TB-LB = Trip Blank

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 $GWE = [(TOC - DTW) + (0.8)(\text{Product Thickness})]$. 0.8 is the assumed specific gravity of free-phase hydrocarbons.
- ¹³ The TPH as Gasoline value was 99,000 ug/L when MTBE is not included in the calculation.
- ¹⁴ The TPH as Gasoline value was 125,000 ug/L when MTBE is not included in the calculation.
- ¹⁵ Laboratory report indicates results were taken from both a low level and a diluted analysis.
- ¹⁶ MTBE by EPA Method 8260.

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

Well ID	Date	Initial Product Thickness (feet)	Gallons Bailed (product + water)
MW-5	1/4/91	0.01	---
	12/3/92	<0.02	---
	6/23/93	0.04	---
	9/21/93	0.03	---
	12/2/93	0.04	---
	6/13/94	0.32	---
	2/20/96	Sheen	---
MW-7	6/23/93	1.06	---
	9/21/93	0.67	---
	12/2/93	0.19	---
	6/13/94	0.30	---
	11/14/94	0.18	0.50
	11/28/95	0.30	2.0
	2/20/96	0.02	0.0625
	5/29/96	0.02	0.50
	8/27/96	0.02	0.50
	11/22/96	0.02	0.50
	2/18/97	0.01	0.50
	5/23/97	0.00	0.00
	8/4/97	0.00 - Sheen	0.00
	11/25/97	0.00	0.00
	2/25/98	0.00	0.00
MW-8	10/3/89	0.11	---
	1/4/90	0.10	---
	4/3/90	0.30	---
	7/3/90	0.04	---
	11/6/90	0.15	---
	1/4/91	0.18	---
	4/3/91	0.05	---
	7/2/91	0.48	---
	10/2/91	0.27	---
	1/2/92	0.30	---
	4/7/92	0.29	---
	8/13/92	0.31	---
	12/3/92	0.78	---
	6/23/93	0.25	---
	9/21/93	0.32	---
	12/2/93	0.24	---
	6/13/94	0.03	---
MW-9	12/2/93	0.01	---
	2/20/96	Sheen	---
	8/27/96	Sheen	---
	2/18/97	0.005	---
MW-11	1/4/91	0.30	---
	4/3/91	0.21	---
	7/2/91	0.02	---
MW-12	11/6/90	0.06	---
MW-13	1/2/92	0.03	---



STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
 Address: 21995 Foothill Boulevard
 City: Hayward, CA

Job#: 5110.80
 Date: 2-25-96
 Sampler: E.Cline

Well ID MW-4
 Well Diameter 4" in.
 Total Depth _____ ft.
 Depth to Water 13.70 ft.

Well Condition: dry
 Hydrocarbon Thickness: e in. Amount Bailed e (gal.)

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

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

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

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

Starting Time: _____
 Sampling Time: _____
 Purging Flow Rate: _____ gpm.
 Did well de-water? _____

Weather Conditions: _____
 Water Color: _____ Odor: _____
 Sediment Description: _____
 If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

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

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job#: 5110.80
Date: 2-25-98
Sampler: E.Cline

Well ID MW-5
Well Diameter 4" in.
Total Depth _____ ft.
Depth to Water 17.46 ft.

Well Condition: okay
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

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

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

Starting Time: _____
Sampling Time: _____
Purging Flow Rate: _____ gpm.
Did well de-water? _____

Weather Conditions: _____
Water Color: _____ Odor: _____
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	3 x 40m/VOA	Y	HCL	NEHGT ELS EQUOIA	TPH-Gas/BTEX/MTBE

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job#: 5110.80
2-25-98
Date: _____
Sampler: E. Cline

Well ID: MW-6 Well Condition: okay
Well Diameter: 4" in. Hydrocarbon 0 Amount Bailed 0
Total Depth: 16.6 ft. Thickness: _____ in. (product/water): _____ (gal.)
Depth to Water: 14.85 ft. Volume 2" = 0.17 3" = 0.38 4" = 0.66
Factor (VF) 6" = 1.50 12" = 5.80
1.75 X VF 0.66 = 1.16 X 3 (case volume) = Estimated Purge Volume: 3.48 (gal.)

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

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

Starting Time: 12:20
Sampling Time: 12:35
Purging Flow Rate: 1 gpm.
Did well de-water? _____

Weather Conditions: cloudy cool
Water Color: clear Odor: None
Sediment Description: None
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1231</u>	<u>1</u>	<u>7.78</u>	<u>1270</u>	<u>19.6</u>			
<u>1238</u>	<u>2</u>	<u>7.69</u>	<u>1271</u>	<u>19.5</u>			
<u>1238</u>	<u>3</u>	<u>7.70</u>	<u>1276</u>	<u>19.6</u>			
<u>1238</u>							

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- <u>6</u>	<u>3 x 40m/VOA</u>	<u>Y</u>	<u>HCL</u>	<u>NEH/TEL SEQUOIA</u>	<u>TPH-Gas/BTEX/MTBE</u>

COMMENTS: Pushed hose for VBS Purge sampled & replaced

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260

Job#: 5110.80

Address: 21995 Foothill Boulevard

Date: 2-25-98

City: Hayward, CA

Sampler: E.Cline

Well ID MW-7

Well Condition: okay

Well Diameter 4" in.

Hydrocarbon Thickness: ✓ in. Amount Bailed (product/water): ✓ (gal.)

Total Depth _____ ft.

Depth to Water 17.02 ft.

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

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

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

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

Starting Time: _____

Weather Conditions: _____

Sampling Time: _____

Water Color: _____ Odor: _____

Purging Flow Rate: _____ gpm.

Sediment Description: _____

Did well de-water? _____

If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

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

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260 Job#: 5110.80
 Address: 21995 Foothill Boulevard Date: _____
 City: Hayward, CA Sampler: E.Cline

Well ID MW-8 Well Condition: OK
 Well Diameter 4" in. Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)
 Total Depth _____ ft.
 Depth to Water 10.03 ft.

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

_____ X VF _____ = _____ X 3 (case volume) = Estimated Purge Volume: _____ (gal.)

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

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

Starting Time: _____ Weather Conditions: _____
 Sampling Time: _____ Water Color: _____ Odor: _____
 Purging Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

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

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job#: 5110.80
Date: _____
Sampler: E. Cline

Well ID MW- 9
Well Diameter 4" in.
Total Depth 19.2 ft.
Depth to Water 12.69 ft.

Well Condition: okay
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

6.51 X VF 0.66 = 4.3 X 3 (case volume) = Estimated Purge Volume: 12.9 (gal.)

Purge Equipment: Disposable Bailer
Stack
Suction
Grundfos
Other: _____

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

Starting Time: 1202
Sampling Time: 1213
Purging Flow Rate: 1.5 gpm.
Did well de-water? _____

Weather Conditions: cloudy cool
Water Color: clear Odor: Mild
Sediment Description: None
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>12:05</u>	<u>4.5</u>	<u>7.56</u>	<u>936</u>	<u>19.4</u>			
<u>12:08</u>	<u>9.0</u>	<u>7.55</u>	<u>942</u>	<u>19.6</u>			
<u>12:11</u>	<u>13.5</u>	<u>7.38</u>	<u>927</u>	<u>19.4</u>			
<u>12:13</u>	<u>14.0</u>	<u>7.36</u>	<u>930</u>	<u>19.4</u>			

LABORATORY INFORMATION

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

COMMENTS: well not active pulled hose to purge & sample then replaced

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job #: 5110.80
Date: 2-25-98
Sampler: F.Cline

Well ID: MW-10
Well Diameter: 4" in.
Total Depth: 27.6 ft.
Depth to Water: 7.82 ft.

Well Condition: dry
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

19.78 X VF 0.66 = 13.06 X 3 (case volume) = Estimated Purge Volume: 39.16 (gal.)

Purge Equipment: Stack
Disposable Bailer
Suction
Grundfos
Other: _____

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

Starting Time: 10:14
Sampling Time: 1025
Purging Flow Rate: 9.4 gpm.
Did well de-water? _____

Weather Conditions: Partly cloudy Breezy cool
Water Color: _____ Odor: _____
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>10:17</u>	<u>13.2</u>	<u>8.02</u>	<u>1111</u>	<u>19.5</u>			
<u>10:20</u>	<u>26.4</u>	<u>8.37</u>	<u>1150</u>	<u>20.5</u>			
<u>1023</u>	<u>39.6</u>	<u>8.30</u>	<u>1148</u>	<u>21.0</u>			
<u>1025</u>	<u>40.0</u>	<u>8.31</u>	<u>1145</u>	<u>20.8</u>			

LABORATORY INFORMATION

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

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job#: 5110.80
Date: 2-25-98
Sampler: E.Cline

Well ID MW-11
Well Diameter 4" in.
Total Depth 18.30 ft.
Depth to Water 17.02 ft.

Well Condition: OKA-1

Hydrocarbon Thickness: 0 in. Amount Bailed 0 (gal.)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

1.28 X VF 0.66 = 0.84 X 3 (case volume) = Estimated Purge Volume: 2.5 (gal.)

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

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

Starting Time: 12:36
Sampling Time: 12:42
Purging Flow Rate: N/A gpm.
Did well de-water? N/A

Weather Conditions: cloudy cool Breezy
Water Color: Clear Odor: Mild
Sediment Description: None
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
1238	1.3	7.24	1265	19.8			
1240	2.6	7.22	1268	19.5			
1242	3.9	7.20	1266	19.6			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-11	3 x 40m/VOA	Y	HCL	NEWTETL SEQUOIA	TPH-Gas/BTEX/MTBE

COMMENTS: Pulled VES pipe to sample & replaced

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260

Job#: 5110.80

Address: 21995 Foothill Boulevard

Date: 2-25-98

City: Hayward, CA

Sampler: E.Cline

Well ID	<u>MW- 12</u>	Well Condition:	<u>dry</u>
Well Diameter	<u>4"</u> in.	Hydrocarbon	<u>✓</u>
Total Depth	<u>18.21</u> ft.	Amount Bailed	<u>✓</u>
Depth to Water	<u>18.21</u> ft.	Thickness:	<u> </u> in. (product/water): <u> </u> (gal.)

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

 X VF = X 3 (case volume) = Estimated Purge Volume: (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other:

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

Starting Time:

Weather Conditions:

Sampling Time:

Water Color: Odor:

Purging Flow Rate: gpm.

Sediment Description:

Did well de-water?

If yes; Time: Volume: (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<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>	<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>

LABORATORY INFORMATION

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

COMMENTS:

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job#: 5110.80
Date: 2-25-98
Sampler: E.Cline

Well ID MW-13
Well Diameter 4" in.
Total Depth 18' ft.
Depth to Water 10.51 ft.

Well Condition: okay
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

7.49 X VF 0.66 = 4.9 X 3 (case volume) = Estimated Purge Volume: 14.8 (gal.)

Purge Equipment:

Disposable Bailer
Bailer
~~Stack~~
~~Suction~~
Grundfos
Other: _____

Sampling Equipment:

Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1146
Sampling Time: 1151
Purging Flow Rate: 1.7 gpm.
Did well de-water? _____

Weather Conditions: cloudy cool
Water Color: _____ Odor: _____
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1149</u>	<u>5.1</u>	<u>7.12</u>	<u>1018</u>	<u>20.3</u>			
<u>1152</u>	<u>10.2</u>	<u>7.15</u>	<u>1020</u>	<u>20.4</u>			
<u>1153</u>	<u>15.3</u>	<u>7.09</u>	<u>1000</u>	<u>20.7</u>			
<u>1154</u>	<u>16.0</u>	<u>7.05</u>	<u>1010</u>	<u>20.6</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-13</u>	<u>3 x 40m/VOA</u>	<u>Y</u>	<u>HCL</u>	<u>HEWLETT SEQUOIA</u>	<u>TPH-Gas/BTEX/MTBE</u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job#: 5110.80
Date: 2-25-98
Sampler: E.Cline

Well ID: MW-14
Well Diameter: 2" in.
Total Depth: 31 ft.
Depth to Water: 14.28 ft.

Well Condition: dry
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)
Volume Factor (VF):
2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

16.72 X VF 2.8 X 3 (case volume) = Estimated Purge Volume: 8.5 (gal.)

Purge Equipment: Stack
Disposable Bailer
Suction
Grundfos
Other: _____

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

Starting Time: 11:11
Sampling Time: 11:19
Purging Flow Rate: 1.5 gpm.
Did well de-water? AK

Weather Conditions: Partly Cloudy Breezy
Water Color: clear Odor: None
Sediment Description: None
If yes, Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>11:13</u>	<u>3</u>	<u>7.56</u>	<u>707</u>	<u>20.1</u>			
<u>11:15</u>	<u>6</u>	<u>7.45</u>	<u>835</u>	<u>19.7</u>			
<u>11:17</u>	<u>9</u>	<u>7.29</u>	<u>1215</u>	<u>19.6</u>			
<u>11:19</u>	<u>10</u>	<u>7.23</u>	<u>1230</u>	<u>19.7</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- <u>14</u>	<u>3 x 40m/VOA</u>	<u>Y</u>	<u>HCL</u>	<u>NEHGT/ELSEQUOIA</u>	<u>TPH-Gas/BTEX/MTBE</u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job#: 5110.80
Date: 2-25-92
Sampler: E. Cline

Well ID: MW-15
Well Diameter: 2' in.
Total Depth: 22' ft.
Depth to Water: 6.53 ft.

Well Condition: okay
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): C (gal.)
Volume Factor (VF) table:
2" = 0.17, 3" = 0.38, 4" = 0.66
6" = 1.50, 12" = 5.80

15.47 X VF 0.17 = 2.63 X 3 (case volume) = Estimated Purge Volume: 7.8 (gal.)

Purge Equipment: Disposable Bailer
Stack
Suction
Grundfos
Other: _____

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

Starting Time: 10:37
Sampling Time: 10:45
Purging Flow Rate: 1.4 gpm.
Did well de-water? N/C

Weather Conditions: Partly cloudy Breeze
Water Color: clear Odor: Nom
Sediment Description: Nom
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature °C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
10:39	2.8	7.49	1198	18.8			
10:41	5.6	7.40	1209	19.0			
10:43	8.4	7.33	1245	19.5			
10:45	9.0	7.35	1240	19.2			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-15	3 x 40m/VOA	Y	HCL	NEWTSL SEQUOIA	TPH-Gas/BTEX/MTBE

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job#: 5110.80
Date: 2-25-98
Sampler: E.Cline

Well ID MW-16
Well Diameter 2" in.
Total Depth 38' ft.
Depth to Water 14.02 ft.

Well Condition: okay
Hydrocarbon Thickness: 0 in. Amount Bailed (product/water):
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

23.98 X VF 0.17 = 4.1 X 3 (case volume) = Estimated Purge Volume: 12.2 (gal.)

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

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

Starting Time: 10:49
Sampling Time: 11:00
Purging Flow Rate: 1.5 gpm.
Did well de-water? Nil

Weather Conditions: Partly Cloudy cool Breeze
Water Color: clear Odor: None
Sediment Description: None
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1052</u>	<u>4.5</u>	<u>7.06</u>	<u>1094</u>	<u>18.7</u>			
<u>1055</u>	<u>9.0</u>	<u>7.07</u>	<u>1092</u>	<u>18.6</u>			
<u>1058</u>	<u>13.5</u>	<u>7.11</u>	<u>1059</u>	<u>18.6</u>			
<u>1100</u>	<u>14.0</u>	<u>7.10</u>	<u>1060</u>	<u>18.6</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-16</u>	<u>3 x 40m/VOA</u>	<u>Y</u>	<u>HCL</u>	<u>NEWTEL SEQUOIA</u>	<u>TPH-Gas/BTEX/MTBE</u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job#: 5110.80
Date: 2-25-98
Sampler: F. Cline

Well ID: MW-17
Well Diameter: 2" in.
Total Depth: 33.6 ft.
Depth to Water: 19.63 ft.

Well Condition: okay
Hydrocarbon ✓ Amount Bailed ✓
Thickness: _____ in. (product/water): _____ (gal.)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

13.97 X VF 0.17 = 2.4 X 3 (case volume) = Estimated Purge Volume: 7.12 (gal.)

Purge Equipment: Disposable Bailer
Stack
Suction
Grundfos
Other: _____

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

Starting Time: 9:50
Sampling Time: 9:58
Purging Flow Rate: 1.2 gpm.
Did well de-water? None

Weather Conditions: Partly cloudy cool
Water Color: clear Odor: None
Sediment Description: None
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>9:52</u>	<u>2.4</u>	<u>7.61</u>	<u>510</u>	<u>19.5</u>			
<u>9:54</u>	<u>4.8</u>	<u>7.67</u>	<u>526</u>	<u>19.7</u>			
<u>9:56</u>	<u>7.2</u>	<u>7.71</u>	<u>532</u>	<u>19.7</u>			
<u>9:58</u>	<u>8.10</u>	<u>7.70</u>	<u>530</u>	<u>19.6</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-17</u>	<u>3 x 40m/VOA</u>	<u>Y</u>	<u>HCL</u>	<u>NEH/GTEL SEQUOIA</u>	<u>TPH-Gas/BTEX/MTBE</u>

COMMENTS: _____

WELL MONITORING/SAMPLING FIELD DATA SHEET

Chevron Facility # 9-0260
Address: 21995 Foothill Boulevard
City: Hayward, CA

Job #: 5110.80
Date: 2-25-98
Sampler: F. Cline

Well ID: MW-18
Well Diameter: 2" in.
Total Depth: 25' ft.
Depth to Water: 12.75 ft.

Well Condition: Okay
Hydrocarbon Thickness: 0 in.
Amount Bailed (product/water): 0 (gal.)

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

12.75 X VF 0.17 = 2.1 X 3 (case volume) = Estimated Purge Volume: 6.2 (gal.)

Purge Equipment: Disposable Bailer
Stack
Suction
Grundfos
Other: _____

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

Starting Time: 11:30
Sampling Time: 11:38
Purging Flow Rate: 1.0 gpm.
Did well de-water? _____

Weather Conditions: cloudy cool
Water Color: _____ Odor: _____
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>11:30</u>	<u>2</u>	<u>7.24</u>	<u>944</u>	<u>20.6</u>			
<u>11:34</u>	<u>4</u>	<u>7.24</u>	<u>940</u> 948 1000	<u>20.7</u>			
<u>11:36</u>	<u>6</u>	<u>7.20</u>	<u>933</u>	<u>20.9</u>			
<u>11:38</u>	<u>7</u>	<u>7.21</u>	<u>935</u>	<u>20.8</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-18</u>	<u>3 x 40m/VOA</u>	<u>Y</u>	<u>HCL</u>	<u>NE/STEL SEQUOIA</u>	<u>TPH-Gas/BTEX/MTBE</u>

COMMENTS: _____

Mr. Phil Briggs

Chevron Contact (Name) _____

(Phone) (510) 842-9135

Laboratory Name ~~NEI/GPEL~~ SEQUOIA Service Code: ZZ02790

Laboratory Service Order # ~~9033189~~ # _____

Samples Collected by (Name) *F. Cline*

Collection Date *2-25-98*

Signature _____

Remarks

As Contracted



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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568

Attention: Deanna Harding

Client Proj. ID: Chevron 9-0260, Hayward
Sample Descript: TB-LB
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802H20-01

Sampled: 02/25/98
Received: 02/26/98
Analyzed: 03/04/98
Reported: 03/12/98

QC Batch Number: GC030498802005A
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	82

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

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Mike Gregory
Project Manager



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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568

Attention: Deanna Harding

Client Proj. ID: Chevron 9-0260, Hayward
Sample Descript: MW-6
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802H20-08

Sampled: 02/25/98
Received: 02/26/98
Analyzed: 03/04/98
Reported: 03/12/98

QC Batch Number: GC030498802005A
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	5000	30000
Methyl t-Butyl Ether	250	2600
Benzene	50	2400
Toluene	50	910
Ethyl Benzene	50	740
Xylenes (Total)	50	4000
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	84

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

SEQUOIA ANALYTICAL - ELAP #1271

Mike Gregory
Project Manager

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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568

Client Proj. ID: Chevron 9-0260, Hayward
Sample Descript: MW-9
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802H20-10

Sampled: 02/25/98
Received: 02/26/98
Analyzed: 03/04/98
Reported: 03/12/98

Attention: Deanna Harding

QC Batch Number: GC030498802005A

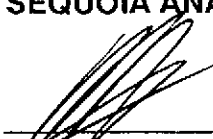
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	5000	34000
Methyl t-Butyl Ether	250	N.D.
Benzene	50	150
Toluene	50	510
Ethyl Benzene	50	1300
Xylenes (Total)	50	6400
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	81

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

SEQUOIA ANALYTICAL - ELAP #1271


Mike Gregory
Project Manager

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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568

Attention: Deanna Harding

Client Proj. ID: Chevron 9-0260, Hayward
Sample Descript: MW-10
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802H20-03

Sampled: 02/25/98
Received: 02/26/98
Analyzed: 03/04/98
Reported: 03/12/98

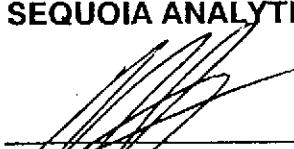
QC Batch Number: GC030498802005A
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	N.D.
Benzene	0.50	N.D.
Toluene	0.50	N.D.
Ethyl Benzene	0.50	N.D.
Xylenes (Total)	0.50	N.D.
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	80

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

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Mike Gregory
Project Manager

Page:

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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568

Attention: Deanna Harding

Client Proj. ID: Chevron 9-0260, Hayward
Sample Descript: MW-11
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802H20-11

Sampled: 02/25/98
Received: 02/26/98
Analyzed: 03/04/98
Reported: 03/12/98

QC Batch Number: GC030498802005A
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	5000	34000
Methyl t-Butyl Ether	250	5000
Benzene	50	5200
Toluene	50	2200
Ethyl Benzene	50	1200
Xylenes (Total)	50	4400
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	84

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

SEQUOIA ANALYTICAL - ELAP #1271


Mike Gregory
Project Manager



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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568

Attention: Deanna Harding

Client Proj. ID: Chevron 9-0260, Hayward
Sample Descript: MW-11
Matrix: LIQUID
Analysis Method: EPA 8260
Lab Number: 9802H20-11

Sampled: 02/25/98
Received: 02/26/98
Analyzed: 03/08/98
Reported: 03/12/98

QC Batch Number: MS0308988260S2A

Methyl t-Butyl Ether (MTBE)

Analyte	Detection Limit ug/L	Sample Results ug/L
Methyl t-Butyl Ether	100	5300
Surrogates	Control Limits %	% Recovery
1,2-Dichloroethane-d4	76	114 Q
Toluene-d8	88	110 Q
4-Bromofluorobenzene	86	115 Q

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

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Mike Gregory
Project Manager

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Gettler Ryan/Geostrategies 6747 Sierra Court Suite J Dublin, CA 94568	Client Proj. ID: Chevron 9-0260, Hayward Sample Descript: MW-13 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802H20-07	Sampled: 02/25/98 Received: 02/26/98 Analyzed: 03/04/98 Reported: 03/12/98
Attention: Deanna Harding		

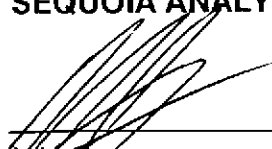
QC Batch Number: GC030498802005A
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	5000	42000
Methyl t-Butyl Ether	250	N.D.
Benzene	50	3800
Toluene	50	1000
Ethyl Benzene	50	2000
Xylenes (Total)	50	5000
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	79

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

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Mike Gregory
Project Manager

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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568

Client Proj. ID: Chevron 9-0260, Hayward
Sample Descript: MW-14
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802H20-05

Sampled: 02/25/98
Received: 02/26/98
Analyzed: 03/04/98
Reported: 03/12/98

Attention: Deanna Harding

QC Batch Number: GC030498802005A

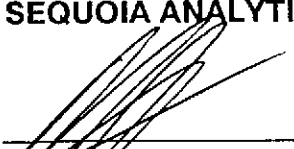
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	220
Methyl t-Butyl Ether	2.5	23
Benzene	0.50	26
Toluene	0.50	10
Ethyl Benzene	0.50	7.0
Xylenes (Total)	0.50	22
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	78

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

SEQUOIA ANALYTICAL - ELAP #1271


Mike Gregory
Project Manager

Page:

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Gettler Ryan/Geostrategies 6747 Sierra Court Suite J Dublin, CA 94568 Attention: Deanna Harding	Client Proj. ID: Chevron 9-0260, Hayward Sample Descript: MW-15 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802H20-04	Sampled: 02/25/98 Received: 02/26/98 Analyzed: 03/04/98 Reported: 03/12/98
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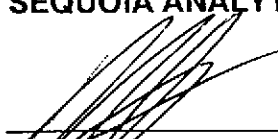
QC Batch Number: GC030498802005A
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	1000	4300
Methyl t-Butyl Ether	50	N.D.
Benzene	10	27
Toluene	10	N.D.
Ethyl Benzene	10	37
Xylenes (Total)	10	46
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	78

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

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Mike Gregory
Project Manager

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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568

Attention: Deanna Harding

Client Proj. ID: Chevron 9-0260, Hayward
Sample Descript: MW-16
Matrix: LIQUID
Analysis Method: 8015Mod/8020
Lab Number: 9802H20-06

Sampled: 02/25/98
Received: 02/26/98
Analyzed: 03/04/98
Reported: 03/12/98

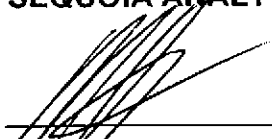
QC Batch Number: GC030498802005A
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	20000	60000
Methyl t-Butyl Ether	1000	N.D.
Benzene	200	6400
Toluene	200	1400
Ethyl Benzene	200	2200
Xylenes (Total)	200	13000
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	91

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

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Mike Gregory
Project Manager

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Gettler Ryan/Geostrategies 6747 Sierra Court Suite J Dublin, CA 94568 Attention: Deanna Harding	Client Proj. ID: Chevron 9-0260, Hayward Sample Descript: MW-17 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802H20-02	Sampled: 02/25/98 Received: 02/26/98 Analyzed: 03/04/98 Reported: 03/12/98
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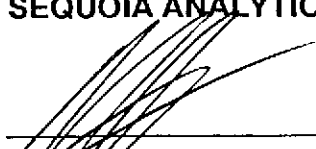
QC Batch Number: GC030498802005A
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	50	N.D.
Methyl t-Butyl Ether	2.5	3.5
Benzene	0.50	3.8
Toluene	0.50	3.3
Ethyl Benzene	0.50	1.3
Xylenes (Total)	0.50	4.2
Chromatogram Pattern:		
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	82

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

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Mike Gregory
Project Manager

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Gettler Ryan/Geostrategies 6747 Sierra Court Suite J Dublin, CA 94568	Client Proj. ID: Chevron 9-0260, Hayward Sample Descript: MW-18 Matrix: LIQUID Analysis Method: 8015Mod/8020 Lab Number: 9802H20-09	Sampled: 02/25/98 Received: 02/26/98 Analyzed: 03/04/98 Reported: 03/12/98
Attention: Deanna Harding		

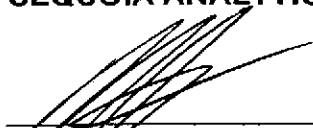
QC Batch Number: GC030498802005A
Instrument ID: GCHP05

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX and MTBE

Analyte	Detection Limit ug/L	Sample Results ug/L
TPPH as Gas	2500	60000
Methyl t-Butyl Ether	120	N.D.
Benzene	25	6600
Toluene	25	4000
Ethyl Benzene	25	2300
Xylenes (Total)	25	11000
Chromatogram Pattern:		Gas
Surrogates	Control Limits %	% Recovery
Trifluorotoluene	70 130	98

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

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Mike Gregory
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Gettler Ryan/Geostrategies
6747 Sierra Court Suite J
Dublin, CA 94568
Attention: Deanna Harding

Client Proj. ID: Chevron 9-0260, Hayward

Received: 02/26/98

Lab Proj. ID: 9802H20

Reported: 03/12/98

LABORATORY NARRATIVE

In order to properly interpret this report, it must be reproduced in its entirety. This report contains a total of 16 pages including the laboratory narrative, sample results, quality control, and related documents as required (cover page, COC, raw data, etc.).

FOR MTBE CONFIRMATION:

The surrogate used was Dibromofluoromethane with a recovery of 99% and a control limit of 50-150.

TPGBMW: Sample 9802H20-04 was diluted 20-fold.
Sample 9802h20-06 was diluted 400-fold.
Sample 9802h20-07 was diluted 100-fold.
Sample 9802h20-08 was diluted 100-fold.
Sample 9802h20-09 was diluted 50-fold.
Sample 9802h20-10 was diluted 100-fold.
Sample 9802h20-11 was diluted 100-fold.

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager



Sequoia Analytical

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Gettler Ryan/Geostrategies
6747 Sierra Court, Ste J
Dublin, CA 94568

Attention: Deanna Harding

Client Project ID: Chevron 9-0260, Hayward
Matrix: Liquid

Work Order #: 9802H20 -01-11

Reported: Mar 13, 1998

QUALITY CONTROL DATA REPORT

Analyte:	Benzene	Toluene	Ethyl Benzene	Xylenes	Gas
QC Batch#:	GC030498802005A	GC030498802005A	GC030498802005A	GC030498802005A	GC030498802005A
Analy. Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020	EPA 8015M
Prep. Method:	EPA 5030	EPA 5030	EPA 5030	EPA 5030	EPA 5030

Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb
MS/MSD #:	8030126	8030126	8030126	8030126	8030126
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Prepared Date:	3/4/98	3/4/98	3/4/98	3/4/98	3/4/98
Analyzed Date:	3/4/98	3/4/98	3/4/98	3/4/98	3/4/98
Instrument I.D.#:	HP5	HP5	HP5	HP5	HP5
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	310 µg/L
Result:	20	20	20	61	300
MS % Recovery:	100	100	100	102	97
Dup. Result:	21	22	22	68	270
MSD % Recov.:	105	110	110	113	87
RPD:	4.9	9.5	9.5	11	11
RPD Limit:	0-20	0-20	0-20	0-20	0-50

LCS #:	LCS030498	LCS030498	LCS030498	LCS030498	LCS030498
Prepared Date:	3/4/98	3/4/98	3/4/98	3/4/98	3/4/98
Analyzed Date:	3/4/98	3/4/98	3/4/98	3/4/98	3/4/98
Instrument I.D.#:	HP5	HP5	HP5	HP5	HP5
Conc. Spiked:	20 µg/L	20 µg/L	20 µg/L	60 µg/L	310 µg/L
LCS Result:	19	19	19	60	310
LCS % Recov.:	95	95	95	100	100

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

SEQUOIA ANALYTICAL
Elap #1274

Mike Gregory
Project Manager

Please Note:

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

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

9802H20.GET <1>



Sequoia
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Gettler Ryan/Geostrategies
6747 Sierra Court, Ste J
Dublin, CA 94568
Attention: Deanna Harding

Client Project ID: Chevron 9-0260, Hayward
Matrix: Liquid

Work Order #: 9802H20-11

Reported: Mar 13, 1998

QUALITY CONTROL DATA REPORT

Analyte: MTBE

QC Batch#: MS0308988260S2A

Analy. Method: EPA 8260

Prep. Method: EPA 5030

Analyst: N. Nelson

MS/MSD #: LCS/LCSD

Sample Conc.: N.D.

Prepared Date: 3/8/98

Analyzed Date: 3/8/98

Instrument I.D.#: GCMS2

Conc. Spiked: 50 µg/L

Result: 60

MS % Recovery: 120

Dup. Result: 55

MSD % Recov.: 110

RPD: 8.7

RPD Limit: 0-25

LCS #:

Prepared Date:

Analyzed Date:

Instrument I.D.#:

Conc. Spiked:

LCS Result:

LCS % Recov.:

MS/MSD 60-140

LCS 65-135

Control Limits

SEQUOIA ANALYTICAL

Mike Gregory
Project Manager

Please Note:

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

9802H20.GET <2>