



# GETTLER-RYAN INC.

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## TRANSMITTAL

July 17, 2001

G-R #386495

TO: Mr. James Brownell  
Delta Environmental Consultants, Inc.  
3164 Gold Camp Drive, Suite 200  
Rancho Cordova, California 95670

CC: Mr. Thomas Bauhs  
Chevron Products Company  
P.O. Box 6004  
San Ramon, California 94583

FROM: Deanna L. Harding  
Project Coordinator  
Gettler-Ryan Inc.  
6747 Sierra Court, Suite J  
Dublin, California 94568

RE: **Chevron Service Station**  
**#9-0076**  
**4265 Foothill Boulevard**  
**Oakland, California**

AUG 02 2001

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	July 5, 2001	Groundwater Monitoring and Sampling Report Second Quarter - Event of June 7, 2001

### COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **July 30, 2001**, at which time the final report will be distributed to the following:

- Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
- Mr. Alex Perez, Shell Oil Company, P.O. Box 8080, Martinez, CA 94553
- Mr. David DeWitt, Tosco Oil Company, Environmental Remediation Management, 2000 Crow Canyon Place, Suite 400, San Ramon, CA 94583
- Ms. Erica Myran, Albertson's, Inc., P.O. Box 20, Dept. 74200, Boise, ID 83726

Enclosures

trans/9-0076.tb



# GETTLER-RYAN INC.

20427

July 5, 2001  
G-R Job #386495

Mr. Thomas Bauhs  
Chevron Products Company  
P.O. Box 6004  
San Ramon, CA 94583

**RE: Second Quarter Event of June 7, 2001**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

Dear Mr. Bauhs:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached). A joint monitoring event was conducted with Shell Service Station located at 4411 Foothill Boulevard, Oakland, California.

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached.

Please call if you have any questions or comments regarding this report. Thank you.

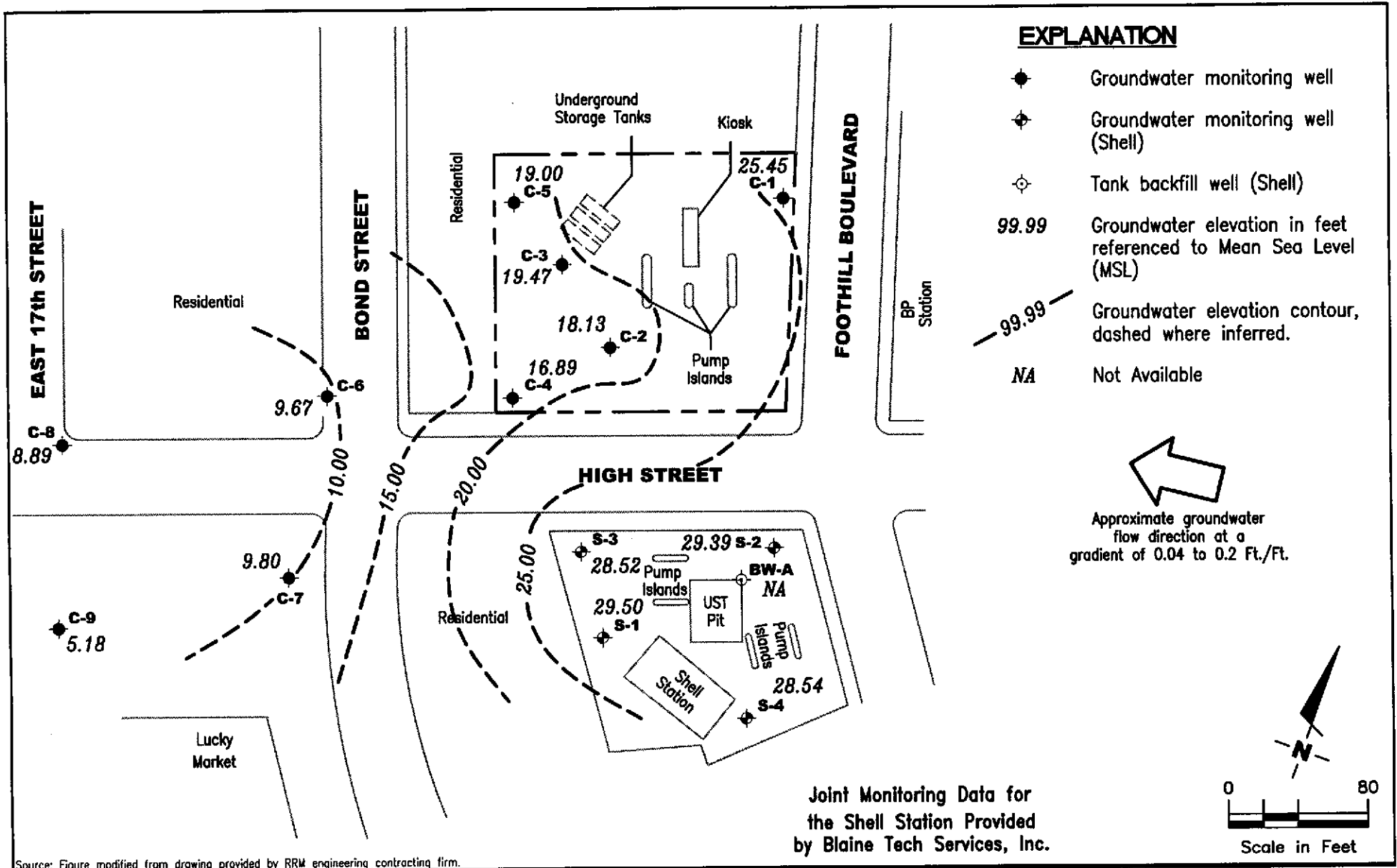
Sincerely,

Deanna L. Harding  
Project Coordinator

Hagop Kevork  
PE. No. C55734



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



**GETTLER - RYAN INC.**  
 6747 Sierra Ct., Suite J  
 Dublin, CA 94568 (925) 551-7555

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-0076  
 4265 Foothill Boulevard  
 Oakland, California

FIGURE  
**1**

PROJECT NUMBER  
**386495**

REVIEWED BY

DATE  
 June 7, 2001

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-1</b>											
04/28/89	35.42	15.37	20.05	--	--	940	30	1.3	11	13	--
08/08/89	35.42	11.35	24.07	--	--	820	45	2.0	13	13	--
12/21/89	35.42	12.61	22.81	--	--	--	--	--	--	--	--
08/27/90	35.42	13.30	22.12	--	--	440	15	1.0	6.0	13	--
11/04/90	35.42	9.86	25.56	--	--	--	--	--	--	--	--
06/18/91	35.42	13.78	21.64	--	--	74	5.6	0.6	1.9	1.3	--
09/19/91	35.42	10.84	24.58	--	--	150	7.1	<0.5	2.3	3.0	--
12/20/91	35.42	9.25	26.17	--	--	250	10	<0.5	3.7	1.6	--
03/18/92	35.42	17.17	18.25	--	--	190	16	<0.5	8.5	3	--
07/14/92	35.42	7.81	27.61	--	--	20,000	480	2,200	510	2,900	--
10/08/92	35.42	10.98	24.44	--	--	360	34	4.6	19	12	--
01/08/93	35.42	15.74	19.68	--	--	120	9.1	0.5	5.1	1.8	--
04/14/93	35.42	19.04	16.38	--	--	190	74	0.6	1.0	2.0	--
07/16/93	35.42	--	--	--	--	--	--	--	--	--	--
07/27/93	35.42	26.03	9.39	--	--	300	12	<0.5	5.0	2.0	--
09/21/93	38.41	16.99	21.42	--	--	360	12	1.2	5.8	3.7	--
01/28/94	38.41	18.84	19.57	--	--	370	24	1.0	13	4.0	--
03/17/94	38.41	21.56	16.85	--	--	460	42	<0.5	6.7	3.7	--
06/16/94	38.41	20.58	17.83	--	--	320	20	0.7	8.7	3.0	--
09/22/94	38.41	18.15	20.26	--	--	380	24	0.6	8.8	1.9	--
12/15/94	38.41	22.59	15.82	--	--	280	23	7.6	7.8	13	--
03/30/95	38.41	26.39	12.02	--	--	2,200	890	8.9	15	<5.0	--
06/20/95	38.41	24.01	14.40	--	--	690	140	<2.0	9.4	2.8	--
09/20/95	38.41	24.59	13.82	--	--	730	27	78	26	130	--
12/06/95	38.41	17.81	20.60	--	--	220	16	<0.5	7.2	1.7	11
03/21/96	38.41	26.76	11.65	--	--	640	170	<2.0	6.7	<2.0	35
06/21/96	38.41	24.16	14.25	--	--	640	140	<1.2	8.7	2.0	23
09/06/96	38.41	21.66	16.75	--	--	460	24	0.56	10	2.4	43
12/19/96	38.41	24.43	13.98	--	--	790	120	22	13	19	<25
03/17/97	38.41	25.63	12.78	--	--	2,200	660	<10	15	<10	110

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-1 (cont)</b>											
06/11/97	38.41	23.25	15.16	--	--	1,500	130	<2.0	16	3.4	130
09/17/97	38.41	21.47	16.94	--	--	910	160	23	13	49	180
12/11/97	38.41	25.23	13.18	--	--	2,000	270	7.0	53	7.4	460
03/12/98	38.41	28.92	9.49	--	--	3,100	1,300	<20	42	<20	760
06/23/98	38.41	28.19	10.22	--	--	1,300	650	6.9	22	6.5	290
09/01/98	38.41	21.43	16.98	--	--	270	6.0	<2.5	<2.5	<2.5	950
12/30/98	38.41	22.29	16.12	--	--	2,020	578	<5.0	<5.0	<5.0	1,720
03/31/99	38.41	24.53	13.88	--	--	2,140	776	5.89	<5.0	5.15	1,170
06/14/99	38.41	23.09	15.32	--	--	1,450	524	<5.0	<5.0	<5.0	1,150
06/14/99 <sup>1</sup>	38.41	23.09	15.32	--	--	--	--	--	--	--	1360 <sup>2</sup>
09/30/99	38.41	22.30	16.11	--	--	79	1.12	<0.5	1.07	<0.5	677
12/22/99	38.41	23.37	15.04	--	--	501	157	4.45	<2.5	4.81	744
03/09/00	38.41	31.28	7.13	--	--	3,300	2,500	28	37	<25	1,700
06/23/00 <sup>3</sup>	38.41	25.86	12.55	0.00	0.00	2,200 <sup>4</sup>	1,000	6.9	5.7	9.3	1,900
09/05/00 <sup>3</sup>	38.41	21.28	17.13	0.00	0.00	<200	8.3	<2.0	<2.0	<2.0	1,000
12/04/00	38.41	21.48	16.93	0.00	0.00	1,400 <sup>4</sup>	600	<5.0	<5.0	<5.0	1,500
03/08/01 <sup>3</sup>	38.41	30.45	7.96	0.00	0.00	2,570	1,040	7.93	12.0	<5.00	1,470
<b>06/07/01<sup>3</sup></b>	<b>38.41</b>	<b>25.45</b>	<b>12.96</b>	<b>0.00</b>	<b>0.00</b>	<b>750<sup>4</sup></b>	<b>220</b>	<b>5.6</b>	<b>4.8</b>	<b>2.6</b>	<b>2,500<sup>5</sup></b>
<b>C-2</b>											
04/28/89	35.18	8.74	26.44	--	--	120,000	30,000	22,000	3,000	17,000	--
08/08/89	35.18	5.29	29.90	0.01	--	--	--	--	--	--	--
12/21/89	35.18	5.86	29.32	--	--	--	--	--	--	--	--
08/27/90	35.18	5.77	29.55	0.17	--	--	--	--	--	--	--
11/04/90	35.18	4.71	30.47	--	--	--	--	--	--	--	--
06/18/91	35.18	6.90	28.33	0.06	--	--	--	--	--	--	--
09/19/91	35.18	5.84	29.39	0.06	--	--	--	--	--	--	--
12/20/91	35.18	5.95	29.23	--	--	170,000	20,000	10,000	2,800	19,000	--
03/18/92	35.18	21.58	13.60	0.09	--	--	--	--	--	--	--

**Table 1**  
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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-2 (cont)</b>											
07/14/92	35.18	--	--	--	--	--	--	--	--	--	--
10/08/92	35.18	--	--	--	--	--	--	--	--	--	--
01/08/93	35.18	10.98	24.20	Sheen	--	79,000	14,000	7,200	3,500	16,000	--
04/14/93	35.18	--	--	--	--	--	--	--	--	--	--
07/16/93	35.18	5.03	30.15	--	--	2200	440	73	24	350	--
09/21/93	37.47	11.18	26.29	--	--	11,000	2,300	300	270	910	--
01/28/94	37.47	13.51	23.96	--	--	49,000	11,000	3,900	1,600	12,000	--
03/17/94	37.47	11.48	25.99	--	--	16,000	3,300	1,000	220	3,500	--
06/16/94	37.47	13.55	23.92	--	--	20,000	4,800	1500	520	4,300	--
09/22/94	37.47	11.85	25.62	--	--	35,000	5,600	850	1,700	7,300	--
12/15/94	37.47	16.31	21.16	--	--	96,000	9,000	3,500	3,300	13,000	--
03/30/95	37.47	20.29	17.18	--	--	100,000	9,400	3,700	3,900	14,000	--
06/20/95	37.47	18.52	18.95	--	--	93,000	6,400	1,900	2,900	11,000	--
09/20/95	37.47	19.27	18.20	--	--	58,000	6,600	330	1,600	5,500	--
12/06/95	37.47	12.71	24.76	--	--	40,000	5,000	86	1,800	3,700	<500
03/21/96	37.47	21.30	16.17	0.00	0.132	--	--	--	--	--	--
06/21/96	37.47	19.34	18.15	0.02	0.026	--	--	--	--	--	--
09/06/96	37.47	16.36	21.14	0.04	0.079	--	--	--	--	--	--
12/19/96	37.47	19.94	17.55	0.03	0.050	--	--	--	--	--	--
03/17/97	37.47	18.88	18.59	--	--	58,000	4,800	1,200	1,800	6,300	3,400
06/11/97	37.47	16.17	21.30	--	--	40,000	5,500	720	1,400	4,100	3,100
09/17/97	37.47	14.33	23.14	--	--	30,000	4,800	220	1,200	1,800	3,200
12/11/97	37.47	20.26	17.21	--	--	76,000	6,100	1,300	2,200	8,000	3,800
03/12/98	37.47	23.30	14.17	--	--	45,000	6,000	1,400	1,800	5,900	2,700
06/23/98 <sup>3</sup>	37.47	22.65	14.82	--	--	1,100,000	6,800	5,100	13,000	38,000	<1000
09/01/98	37.47	15.69	21.78	--	--	9700	300	8.2	6.2	250	3,700
12/30/98	37.47	15.61	21.86	--	--	110,000	4,790	1,300	841	5,570	2,420
03/31/99	37.47	20.57	16.90	--	--	48,000	4,800	1,110	1,520	5,450	2,160
06/14/99	37.47	17.32	20.15	Sheen	--	56,400	5,380	671	1,300	3,960	2,480
06/14/99 <sup>1</sup>	37.47	17.32	20.15	--	--	--	--	--	--	--	2630 <sup>2</sup>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-2 (cont)</b>											
09/30/99	37.47	14.50	22.97	--	--	22,100	623	<100	529	1,250	2,430
12/22/99	37.47	16.47	21.00	--	--	10,200	1,750	102	222	963	1,980
03/09/00	37.47	25.27	12.20	--	--	26,000	4,800	930	1,200	4,400	1,800
06/23/00 <sup>3</sup>	37.47	18.53	18.94	0.00	0.00	29,000 <sup>4</sup>	3,400	360	440	2,500	2,800
09/05/00 <sup>3</sup>	37.47	17.01	20.46	0.00	0.00	35,000 <sup>4</sup>	3,800	54	980	750	5,200
12/04/00	37.47	16.54	20.93	0.00	0.00	16,000 <sup>4</sup>	2,500	120	360	1,100	2,100
03/08/01 <sup>3</sup>	37.47	20.53	16.94	0.00	0.00	42,300	3,930	828	2,010	5,180	1,660
06/07/01 <sup>3</sup>	37.47	18.13	19.34	0.00	0.00	15,000 <sup>4</sup>	3,400	150	700	1,300	1,900
<b>C-3</b>											
04/28/89	35.28	7.28	28.00	--	--	<500	1.7	<0.5	<0.5	<0.5	--
08/08/89	35.28	5.28	30.00	--	--	<500	1.0	<0.5	<0.5	<0.5	--
12/21/89	35.28	4.75	30.53	--	--	--	--	--	--	--	--
08/27/90	35.28	5.60	29.68	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/04/90	35.30	4.94	30.36	--	--	--	--	--	--	--	--
06/18/91	35.30	6.84	28.46	--	--	52	1.1	<0.5	<0.5	1.2	--
09/19/91	35.30	5.97	29.33	--	--	73	1.2	<0.5	<0.5	<0.5	--
12/20/91	35.30	5.53	29.77	--	--	<50	0.7	<0.5	<0.5	<0.5	--
03/18/92	35.30	9.55	25.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	35.30	7.43	27.87	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	35.30	6.75	28.55	--	--	<50	<0.5	<0.5	<0.5	0.5	--
01/08/93	35.30	9.45	25.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	35.30	11.34	23.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	35.30	9.66	25.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	38.37	12.15	26.22	--	--	<50	0.7	<0.5	<0.5	<0.8	--
01/28/94	38.37	12.71	25.66	--	--	<50	2.0	<0.5	<0.5	1.0	--
03/17/94	38.37	13.42	24.95	--	--	<50	2.8	<0.5	0.6	1.5	--
06/16/94	38.37	14.06	24.31	--	--	<50	1.4	<0.5	<0.5	<0.5	--
09/22/94	38.37	13.33	25.04	--	--	<50	0.6	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
				SPHT (ft.)	Removed (gallons)						
C-3 (cont)											
12/15/94	38.37	16.15	22.22	--	--	<50	2.6	1.7	0.82	4.5	--
03/30/95	38.37	19.95	18.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	38.37	18.58	19.79	--	--	110	2.2	<0.5	<0.5	1.2	--
09/20/95	38.37	19.42	18.95	--	--	560	21	80	23	120	--
12/06/95	38.37	14.21	24.16	--	--	<50	0.73	<0.5	<0.5	0.67	<2.5
03/21/96	38.37	20.52	17.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	38.37	18.59	19.78	--	--	57	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	38.37	16.74	21.63	--	--	<50	0.9	<0.5	<0.5	<0.5	<2.5
12/19/96	38.37	16.07	22.30	--	--	310	36	33	6.5	28	<2.5
03/17/97	38.37	19.42	18.95	--	--	54	1.1	<0.5	<0.5	0.76	<2.5
06/11/97	38.37	17.22	21.15	--	--	120	1.1	<0.5	<0.5	<0.5	<2.5
09/17/97	38.37	15.96	22.41	--	--	240	19	19	6.6	40	13
12/11/97	38.37	16.11	22.26	--	--	<50	1.8	<0.5	<0.5	0.5	<2.5
03/12/98	38.37	20.02	18.35	--	--	72	6.3	<0.5	0.64	3.1	2.6
06/23/98	38.37	19.33	19.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	38.37	18.40	19.97	--	--	200	6.8	0.31	0.52	2.0	<2.5
12/30/98	38.37	17.06	21.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
03/31/99	38.37	20.60	17.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	12.6
06/14/99	38.37	20.12	18.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/30/99	38.37	17.18	21.19	--	--	79.2	3.04	0.794	<0.5	1.04	6.17
12/22/99	38.37	16.05	22.32	--	--	<50	1.53	1.08	<0.5	0.66	12
03/09/00	38.37	21.27	17.10	--	--	99	6.9	0.8	0.89	3.8	12
06/23/00	38.37	19.22	19.15	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/05/00	38.37	17.53	20.84	0.00	0.00	52 <sup>4</sup>	4.3	<0.50	<0.50	0.93	29
12/04/00	38.37	17.17	21.20	0.00	0.00	70 <sup>4</sup>	4.0	<0.50	<0.50	0.71	25
03/08/01	38.37	20.70	17.67	0.00	0.00	<50.0	0.873	<0.500	<0.500	<0.500	3.24
<b>06/07/01</b>	<b>38.37</b>	<b>19.47</b>	<b>18.90</b>	<b>0.00</b>	<b>0.00</b>	<b>140<sup>4</sup></b>	<b>16</b>	<b>0.67</b>	<b>1.4</b>	<b>3.8</b>	<b>30</b>



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
<b>C-4</b>											
01/12/89	33.45	3.96	29.49	--	--	--	--	--	--	--	--
04/12/89	33.45	6.01	27.44	--	--	--	--	--	--	--	--
04/28/89	33.45	3.96	29.49	--	--	20,000	6,300	550	230	1,500	--
08/08/89	33.45	3.90	29.55	--	--	8,000	7,500	340	88	1,000	--
12/21/89	33.45	3.43	30.02	--	--	--	--	--	--	--	--
08/27/90	33.48	4.46	29.02	--	--	26,000	10,000	280	410	1,400	--
11/04/90	33.48	3.67	29.81	--	--	--	--	--	--	--	--
06/18/91	33.48	6.03	27.45	--	--	34,000	14,000	410	450	1,300	--
09/19/91	33.48	4.83	28.65	--	--	16,000	7,400	90	110	460	--
12/20/91	33.48	4.64	28.84	--	--	24,000	12,000	120	260	740	--
03/18/92	33.48	11.05	24.43	--	--	48,000	6,000	1,300	1,300	2,400	--
07/14/92	33.48	6.59	26.89	--	--	40,000	14,000	920	550	2,400	--
10/08/92	33.48	5.69	27.79	--	--	29,000	13,000	190	110	1,400	--
01/08/93	33.48	9.98	23.50	--	--	25,000	7,000	630	860	1,800	--
04/14/93	33.48	12.35	21.13	--	--	27,000	6,300	1,000	900	1,400	--
07/16/93	33.48	9.52	23.96	--	--	28,000	7,800	1,100	830	2,100	--
09/21/93	36.49	10.98	25.51	--	--	30,000	9,600	130	390	1,300	--
01/28/94	36.49	13.18	23.31	--	--	18,000	7,800	440	260	1,200	--
03/17/94	36.49	15.14	21.35	--	--	32,000	7,800	820	820	1,800	--
06/16/94	36.49	13.99	22.50	--	--	25,000	7,600	710	600	1,800	--
09/22/94	36.49	12.56	23.93	--	--	25,000	7,800	140	600	1,100	--
12/15/94	36.49	17.47	19.02	--	--	38,000	7,600	460	1,200	2,000	--
03/30/95	36.49	21.63	14.86	--	--	41,000	8,700	1,600	1,800	3,000	--
06/20/95	36.49	19.59	16.90	--	--	29,000	6,000	890	960	1,800	--
09/20/95	36.49	20.29	16.20	--	--	12,000	6,900	510	290	1,300	--
12/06/95	36.49	13.37	23.12	--	--	13,000	3,900	42	30	250	<250
03/21/96	36.49	22.39	14.10	--	--	39,000	4,800	640	1,000	1,800	<1000
06/21/96	36.49	19.54	16.95	--	--	26,000	4,400	640	960	1,800	2,000
09/06/96	36.49	16.36	20.13	--	--	23,000	500	200	230	1,000	3,100
12/19/96	36.49	19.57	16.92	--	--	23,000	4,900	320	1,100	2,000	<250

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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-4 (cont)</b>											
03/17/97	36.49	19.09	17.40	--	--	30,000	5,800	700	1,400	2,200	1,700
06/11/97	36.49	18.15	18.34	--	--	29,000	4,400	520	790	1,800	2,000
09/17/97	36.49	15.03	21.46	--	--	17,000	4,300	140	940	1,100	4,600
12/11/97	36.49	19.84	16.65	--	--	12,000	2,500	130	300	1,000	1,400
03/12/98	36.49	19.90	16.59	--	--	46,000	11,000	1,500	2,300	5,000	3,400
06/23/98 <sup>3</sup>	36.49	19.47	17.02	--	--	27,000	1,600	160	180	690	100
09/01/98	36.49	15.04	21.45	--	--	520	14	2.3	<0.5	4.8	61
12/30/98	36.49	15.07	21.42	--	--	122	14.1	1.86	<1.0	3.61	349
03/31/99	36.49	21.29	15.20	--	--	20,300	4,450	443	1,000	2,130	1,320
06/14/99	36.49	14.69	21.80	--	--	1,820	183	7.14	36.7	56.5	291
06/14/99 <sup>1</sup>	36.49	14.69	21.80	--	--	--	--	--	--	--	280 <sup>2</sup>
09/30/99	36.49	16.68	19.81	--	--	1,030	11.6	2.14	29.2	68.7	91.5
12/22/99	36.49	16.22	20.27	--	--	217	4.45	0.765	2.82	8.21	70.2
03/09/00	36.49	23.13	13.36	--	--	8,300	2,600	270	510	1,400	650
06/23/00 <sup>3</sup>	36.49	17.09	19.40	0.00	0.00	55 <sup>4</sup>	1.2	<0.50	<0.50	<0.50	250
09/05/00 <sup>3</sup>	36.49	15.06	21.43	0.00	0.00	110 <sup>4</sup>	5.4	<0.50	<0.50	1.1	52
12/04/00	36.49	14.71	21.78	0.00	0.00	<50	<0.50	0.56	<0.50	1.1	22
03/08/01 <sup>3</sup>	36.49	19.87	16.62	0.00	0.00	9,080	2,260	229	395	1,060	718
06/07/01 <sup>3</sup>	36.49	16.89	19.60	0.00	0.00	800 <sup>4</sup>	75	4.3	22	33	340
<b>C-5</b>											
08/27/90	35.50	5.67	29.83	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/14/90	35.50	4.94	30.56	--	--	--	--	--	--	--	--
06/18/91	35.50	6.98	28.52	--	--	<50	<0.5	<0.5	<0.5	--	--
09/19/91	35.50	5.99	29.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	35.50	5.54	29.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	35.50	9.58	25.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	35.50	7.50	28.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	35.50	6.85	28.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-5 (cont)</b>											
01/08/93	35.50	9.48	26.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	35.50	11.46	24.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	35.50	10.29	25.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	38.50	12.14	26.36	--	--	60	10	8.1	1.9	9.4	--
01/28/94	38.50	12.60	25.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	38.50	14.00	24.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	38.50	14.10	24.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	38.50	13.34	25.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	38.50	15.61	22.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	38.50	19.96	18.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	38.50	18.37	20.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	38.50	14.16	24.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	38.50	14.40	24.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/21/96	38.50	20.10	18.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	38.50	18.23	20.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	8.7
06/06/96	38.50	16.60	21.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	38.50	17.35	21.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	38.50	18.66	19.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	38.50	16.90	21.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	38.50	10.67	27.83	--	--	SAMPLED ANNUALLY		--	--	--	--
12/11/97	38.50	17.50	21.00	--	--	--	--	--	--	--	--
03/12/98	38.50	22.08	16.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	38.50	21.52	16.98	--	--	--	--	--	--	--	--
09/01/98	38.50	18.08	20.42	--	--	--	--	--	--	--	--
12/30/98	38.50	17.71	20.79	--	--	--	--	--	--	--	--
03/31/99	38.50	21.45	17.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	15
06/14/99	38.50	21.02	17.48	--	--	--	--	--	--	--	--
09/30/99	38.50	19.77	18.73	--	--	--	--	--	--	--	--
12/22/99	38.50	16.32	22.18	--	--	--	--	--	--	--	--
03/09/00	38.50	21.52	16.98	--	--	<50	<0.5	<0.5	<0.5	0.87	3.5

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Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					Removed (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>C-5 (cont)</b>											
06/23/00	38.50	18.85	19.65	0.00	0.00	SAMPLED ANNUALLY			--	--	--
09/05/00	38.50	18.03	20.47	0.00	0.00	--	--	--	--	--	--
12/04/00	38.50	17.04	21.46	0.00	0.00	--	--	--	--	--	--
03/08/01	38.50	20.97	17.53	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	5.15
<b>06/07/01</b>	<b>38.50</b>	<b>19.00</b>	<b>19.50</b>	<b>0.00</b>	<b>0.00</b>	--	--	--	--	--	--
<b>C-6</b>											
08/27/90	32.40	-11.71	44.11	--	--	7,200	2,100	6.0	41	300	--
11/14/90	32.40	-11.63	44.03	--	--	--	--	--	--	--	--
06/18/91	32.40	-11.09	43.49	--	--	4,400	2,500	18	160	77	--
09/19/91	32.40	-1.92	34.32	--	--	3,100	1,600	8.3	73	8.0	--
12/20/91	32.40	-8.95	41.35	--	--	4,400	1,300	3.2	74	10	--
03/18/92	32.40	-8.29	40.69	--	--	9,800	3,200	34	250	500	--
07/14/92	32.40	-6.49	38.89	--	--	6,500	2,200	100	96	240	--
10/08/92	32.40	-6.27	38.67	--	--	1,800	1,000	3.1	15	41	--
01/08/93	32.40	-5.41	37.81	--	--	5,200	1,600	6.8	63	120	--
04/14/93	32.40	-2.30	34.70	--	--	11,000	1,800	13	110	200	--
07/16/93	32.40	-1.47	33.87	--	--	4,800	820	10	41	57	--
09/21/93	35.40	1.42	33.98	--	--	4,100	1,200	<50	75	130	--
01/28/94	35.40	1.54	33.86	--	--	3,100	930	14	40	34	--
03/17/94	35.40	3.09	32.31	--	--	5,100	950	18	61	83	--
06/16/94	35.40	3.90	31.50	--	--	3,800	970	6.4	52	62	--
09/22/94	35.40	4.18	31.22	--	--	4,100	980	7.8	43	48	--
12/15/94	35.40	4.00	31.40	--	--	5,000	1,400	<20	73	61	--
03/30/95	35.40	9.02	26.38	--	--	5,500	1,700	<13	120	97	--
06/20/95	35.40	10.39	25.01	--	--	1,700	470	<10	29	16	--
09/20/95	35.40	11.35	24.05	--	--	3,500	770	<5.0	45	17	--
12/06/95	35.40	7.28	28.12	--	--	3,100	710	<10	41	20	<50
03/21/96	35.40	12.28	23.12	--	--	1,400	330	<2.5	15	8.1	19

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
				SPHT (ft.)	Removed (gallons)						
<b>C-6 (cont)</b>											
06/21/96	35.40	11.90	23.50	--	--	2,200	560	<5.0	18	<5.0	77
09/06/96	35.40	10.57	24.83	--	--	2,800	720	<10	13	<10	160
12/19/96	35.40	10.90	24.50	--	--	830	320	<2.5	<2.5	<2.5	14
03/17/97	35.40	12.81	22.59	--	--	2,200	500	<10	25	<10	<50
06/11/97	35.40	11.64	23.76	--	--	3,000	570	<5.0	29	10	220
09/17/97	35.40	10.66	24.74	--	--	1,400	330	<5.0	<5.0	<5.0	76
12/11/97	35.40	10.75	24.65	--	--	1,600	230	<5.0	7.3	6.4	46
03/12/98	35.40	8.28	27.12	--	--	980	300	<5.0	15	12	49
06/23/98 <sup>3</sup>	35.40	7.48	27.92	--	--	220	35	<0.5	2.5	1.1	<2.5
09/01/98	35.40	3.80	31.60	--	--	1,800	370	2.8	19	5	44
12/30/98	35.40	3.58	31.82	--	--	1,600	244	<1.0	8.53	<1.0	54.9
03/31/99	35.40	9.34	26.06	--	--	741	92.2	<1.0	6.60	<1.0	27.9
06/14/99	35.40	5.72	29.68	--	--	434	110	<1.0	5.76	1.46	13
06/14/99 <sup>1</sup>	35.40	5.72	29.68	--	--	--	--	--	--	--	6.96 <sup>2</sup>
09/30/99	35.40	12.34	23.06	--	--	481	92.7	<1.0	3.69	<1.0	32.9
12/22/99	35.40	12.85	22.55	--	--	1,310	158	2.16	5.5	1.41	113
03/09/00	35.40	15.37	20.03	--	--	470	120	0.74	5.0	2.5	36
06/23/00 <sup>3</sup>	35.40	13.25	22.15	0.00	0.00	1,700 <sup>4</sup>	210	<5.0	<5.0	5.8	64
09/05/00 <sup>3</sup>	35.40	8.35	27.05	0.00	0.00	740 <sup>4</sup>	99	0.60	5.1	2.2	80
12/04/00	35.40	10.25	25.15	0.00	0.00	450 <sup>4</sup>	31	0.71	<0.50	<0.50	54
03/08/01 <sup>3</sup>	35.40	11.56	23.84	0.00	0.00	1,550	228	3.93	19.9	32.5	46.2
<b>06/07/01<sup>3</sup></b>	<b>35.40</b>	<b>9.67</b>	<b>25.73</b>	<b>0.00</b>	<b>0.00</b>	<b>360<sup>4</sup></b>	<b>21</b>	<b>1.8</b>	<b>2.4</b>	<b>3.8</b>	<b>100</b>
<b>C-7</b>											
08/27/90	32.17	-12.06	44.23	--	--	110	26	0.8	4.0	6.0	--
11/14/90	32.17	-11.94	44.11	--	--	--	--	--	--	--	--
06/18/91	32.17	-9.88	42.05	--	--	23,000	5,700	420	1,000	2,800	--
09/19/91	32.17	-9.55	41.72	--	--	26,000	4,600	330	970	2,400	--
12/20/91	32.17	-9.50	41.67	--	--	33,000	5,500	270	1,000	2,100	--

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Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
C-7 (cont)											
03/18/92	32.17	-9.03	41.20	--	--	27,000	5,800	410	1,300	3,300	--
07/14/92	32.17	-7.60	39.77	--	--	46,000	12,000	720	1,700	4,600	--
10/08/92	32.17	-6.97	39.14	--	--	22,000	6,800	370	1,300	3,200	--
01/08/93	32.17	-6.33	38.50	--	--	36,000	7,600	540	1,700	4,200	--
04/14/93	32.17	-3.76	35.93	--	--	23,000	3,100	450	670	1,900	--
07/16/93	32.17	-3.21	35.38	--	--	19,000	3,200	330	550	1,800	--
09/21/93	35.19	-0.27	35.46	--	--	17,000	2,700	160	410	760	--
01/28/94	35.19	-0.26	35.45	--	--	14,000	1,800	210	390	1,000	--
03/17/94	35.19	1.95	33.24	--	--	17,000	1,600	210	410	1,200	--
06/16/94	35.19	2.12	33.07	--	--	12,000	1,600	180	410	1,200	--
09/22/94	35.19	2.45	32.74	--	--	10,000	1,700	110	320	580	--
12/15/94	35.19	3.27	31.92	--	--	10,000	1,200	120	280	710	--
03/30/95	35.19	7.59	27.60	--	--	4,600	460	73	160	460	--
06/20/95	35.19	7.32	27.87	--	--	26,000	4,400	450	900	2,400	--
09/20/95	35.19	7.11	28.08	--	--	9,400	610	81	250	800	--
12/06/95	35.19	4.57	30.62	--	--	1,200	110	12	25	71	34
03/21/96	35.19	7.34	27.85	--	--	17,000	1,300	160	410	1,300	<100
09/06/96	35.19	6.84	28.35	--	--	15,000	3,400	<50	460	850	<250
12/19/96	35.19	6.08	29.11	--	--	530	9	0.5	0.85	3.4	<2.5
03/17/97	35.19	8.05	27.14	--	--	4,600	310	46	110	310	98
06/11/97	35.19	7.14	28.05	--	--	420	15	<0.5	3.3	5.1	<2.5
09/17/97	35.19	6.19	29.00	--	--	1,400	120	11	31	84	54
12/11/97	35.19	5.93	29.26	--	--	210	10	<0.5	0.97	1.6	<2.5
03/12/98	35.19	10.27	24.92	--	--	68	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	35.19	9.89	25.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	35.19	8.92	26.27	--	--	570	24	1.4	8.4	22	24
12/30/98	35.19	8.67	26.52	--	--	<50	4.85	1.26	<0.5	1.29	167
03/31/99	35.19	10.43	24.76	--	--	53.1	<0.5	<0.5	<0.5	<0.5	<2.0
06/14/99	35.19	9.75	25.44	--	--	109	4.43	<0.5	<0.5	<0.5	<2.5
06/14/99 <sup>1</sup>	35.19	9.75	25.44	--	--	--	--	--	--	--	<2.0 <sup>2</sup>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-7 (cont)</b>											
09/30/99	35.19	8.32	26.87	--	--	2,400	282	26.3	120	236	126
12/22/99	35.19	7.42	27.77	--	--	3,840	162	18.1	44.7	85.3	141
03/09/00	35.19	9.62	25.57	--	--	13,000	2,700	110	700	1,500	<130
06/23/00	35.19	9.53	25.66	0.00	0.00	190 <sup>d</sup>	3.4	<0.50	<0.50	1.6	7.3
09/05/00	35.19	8.44	26.75	0.00	0.00	4,200 <sup>d</sup>	330	26	120	200	190
12/04/00	35.19	8.03	27.16	0.00	0.00	2,600 <sup>d</sup>	550	<5.0	73	62	<25
03/08/01	35.19	9.76	25.43	0.00	0.00	1,180	39.2	2.41	15.5	30.8	10.3
<b>06/07/01</b>	<b>35.19</b>	<b>9.80</b>	<b>25.39</b>	<b>0.00</b>	<b>0.00</b>	<b>2,600<sup>d</sup></b>	<b>440</b>	<b>14</b>	<b>110</b>	<b>130</b>	<b>56</b>
<b>C-8</b>											
11/14/90	30.68	-12.61	43.29	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/18/91	30.68	-11.94	42.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	30.68	-11.04	41.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	30.68	-10.30	40.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	30.68	-9.34	40.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	30.68	-8.34	39.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	30.68	-8.00	38.68	--	--	<50	<0.5	<0.5	<0.5	1.1	--
01/08/93	30.68	-7.39	38.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	30.68	-5.31	35.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	30.68	-4.64	35.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	34.68	-0.62	35.30	--	--	<50	<0.5	<0.5	<0.5	<0.8	--
01/28/94	34.68	-0.93	35.61	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	34.68	0.31	34.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	34.68	1.32	33.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	34.68	1.86	32.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	34.68	2.32	32.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	34.68	5.44	29.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	34.68	6.34	28.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	34.68	5.20	29.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-8 (cont)</b>											
12/06/95	34.68	3.76	30.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/21/96	34.68	6.03	28.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	34.68	6.78	27.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	34.68	5.98	28.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	34.68	4.98	29.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	34.68	6.92	27.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	34.68	5.87	28.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	34.68	5.32	29.36	--	--	SAMPLED ANNUALLY		--	--	--	--
12/11/97	34.68	4.88	29.80	--	--	--	--	--	--	--	--
03/12/98	34.68	8.95	25.73	--	--	<50	<0.5	<0.5	<0.5	<0.5	2.6
06/23/98	34.68	8.38	26.30	--	--	--	--	--	--	--	--
09/01/98	34.68	8.17	26.51	--	--	--	--	--	--	--	--
12/30/98	34.68	7.79	26.89	--	--	--	--	--	--	--	--
03/31/99	34.68	8.32	26.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	11.8
06/14/99	34.68	8.65	26.03	--	--	--	--	--	--	--	--
09/30/99	34.68	7.40	27.28	--	--	--	--	--	--	--	--
12/22/99	34.68	6.48	28.20	--	--	--	--	--	--	--	--
03/09/00	34.68	8.35	26.33	--	--	<50	<0.5	<0.5	<0.5	1.8	<2.5
06/23/00	34.68	8.49	26.19	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
09/05/00	34.68	7.71	26.97	0.00	0.00	--	--	--	--	--	--
12/04/00	34.68	7.26	27.42	0.00	0.00	--	--	--	--	--	--
03/08/01	34.68	8.58	26.10	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
06/07/01	34.68	8.89	25.79	0.00	0.00	--	--	--	--	--	--
<b>C-9</b>											
08/13/96	--	--	28.27	--	--	ND	ND	ND	ND	ND	ND
09/06/96	--	--	28.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/19/96	30.68	1.39	29.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	30.68	3.11	27.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5



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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>C-9 (cont)</b>											
06/11/97	30.68	2.41	28.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	30.68	2.05	28.63	--	--	SAMPLED ANNUALLY		--	--	--	--
12/11/97	30.68	1.25	29.43	--	--	--	--	--	--	--	--
03/12/98	30.68	5.06	25.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	30.68	4.53	26.15	--	--	--	--	--	--	--	--
09/01/98	30.68	4.30	26.38	--	--	--	--	--	--	--	--
12/30/98	30.68	3.93	26.75	--	--	--	--	--	--	--	--
03/31/99	30.68	5.35	25.33	--	--	<50	<0.5	<0.5	<0.5	<0.5	12.5
06/14/99	30.68	4.16	26.52	--	--	--	--	--	--	--	--
09/30/99	30.68	3.89	26.79	--	--	--	--	--	--	--	--
12/22/99	30.68	2.99	27.69	--	--	--	--	--	--	--	--
03/09/00	30.68	4.64	26.04	--	--	<50	<0.5	<0.5	<0.5	0.75	<2.5
06/23/00	30.68	4.83	25.85	0.00	0.00	--	--	--	--	--	--
09/05/00	30.68	3.99	26.69	0.00	0.00	--	--	--	--	--	--
12/04/00	30.68	3.61	27.07	0.00	0.00	--	--	--	--	--	--
03/08/01	30.68	4.93	25.75	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
<b>06/07/01</b>	<b>30.68</b>	<b>5.18</b>	<b>25.50</b>	<b>0.00</b>	<b>0.00</b>	--	--	--	--	--	--
<b>TRIP BLANK</b>											
04/28/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/08/89	--	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--
08/27/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
11/14/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
06/18/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/19/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/20/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/18/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/14/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/08/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>TRIP BLANK (cont)</b>											
01/08/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/16/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/21/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.8	--
01/28/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/17/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/16/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/30/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/06/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/21/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/06/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/19/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/17/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/11/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/12/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/01/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/30/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
03/31/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
06/14/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/22/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

**Table 1**  
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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)	TPH-G (ppb)					
<b>TRIP BLANK (cont)</b>											
12/04/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/08/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
06/07/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to June 23, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbons Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

ND = Not Detected

-- = Not Measured/Not Analyzed

<sup>1</sup> Confirmation run.

<sup>2</sup> Sample were analyzed past hold-time, the results should be considered as estimated.

<sup>3</sup> ORC present in well.

<sup>4</sup> Laboratory report indicates gasoline C6-C12.

<sup>5</sup> Laboratory report indicates sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.

**Table 2**  
**Groundwater Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	Total Alkalinity (mg CaCO <sub>3</sub> /L)	Ferrous Iron (ppm)	Nitrate as Nitrate (ppm)	Sulfate (ppm)	DO Pre-Purge (mg/L)	DO Post-Purge (mg/L)	ORP Pre-Purge (mV)	ORP Post-Purge (mV)
<b>C-1</b>								
09/17/97	2.0	1.1	<1.0	12	1.4	8.8	101	104
03/12/98	550	3.0	<1.0	6.6	1.7	3.6	171	171
03/31/99	382	2520 <sup>1</sup>	0.418	8.23	6.5	1.8	99	89
12/22/99	568	0.19	<0.1	11	0.95	2.0	-95	-128
03/09/00	520	0.84	0.54	15	1.8	2.4	-47	-38
09/05/00	520	0.41	1.6	10	1.74	2.66	105	59
<b>C-2</b>								
09/17/97	560	4.7	<1.0	<1.0	1.3	--	150	--
03/12/98	420	3.5	<1.0	<1.0	1.1	1.1	176	174
03/31/99	456	2100 <sup>1</sup>	0.118	19.7	1.5	1.6	151	157
12/22/99	782	1.0	5.34	5.38	0.6	0.65	-90	-84
03/09/00	450	0.31	<0.1	0.39	1.0	1.6	-68	-70
09/05/00	690	0.34	<1.0	<1.0	1.31	1.85	65	44
<b>C-3</b>								
09/17/97	340	0.012	100	33	2.1	0.8	59	67
03/12/98	260	0.14	88	32	2.8	2.5	165	163
03/31/99	256	<500 <sup>1</sup>	18.4	72	4.1	3.3	101	89
12/22/99	402	0.013	67.7	37.6	0.98	1.48	69	107
03/09/00	390	0.12	60	38	3.3	1.6	110	97
09/05/00	430	0.011	52	40	3.79	2.53	202	203

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Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	Total Alkalinity (mg CaCO <sub>3</sub> /L)	Ferrous Iron (ppm)	Nitrate as Nitrate (ppm)	Sulfate (ppm)	DO Pre-Purge (mg/L)	DO Post-Purge (mg/L)	ORP Pre-Purge (mV)	ORP Post-Purge (mV)
<b>C-4</b>								
09/17/97	540	5.9	<1.0	<1.0	0.6	0.2	102	107
03/12/98	550	1.3	<1.0	2.7	1.5	2.6	173	175
03/31/99	492	1,560 <sup>1</sup>	0.191	<1.0	1.8	2.2	170	176
12/22/99	739	0.87	1.85	39.6	6.8	5.68	-25	14
03/09/00	530	<0.01	<0.1	4.5	1.1	1.9	-13	-39
09/05/00	530	<0.010	<1.0	29	2.22	2.02	105	138
<b>C-5</b>								
03/12/98	210	0.074	69	74	1.7	1.9	70	169
03/31/99	254	<500 <sup>1</sup>	16.7	69.7	12.8	6.7	92	97
03/09/00	230	0.39	60	74	2.8	3.6	120	118
<b>C-6</b>								
09/17/97	620	1.1	<1.0	18	1.5	1.2	-57	-48
03/12/98	200	0.11	14	14	14.1	11.3	173	174
03/31/99	534	<500 <sup>1</sup>	0.849	45.3	9.8	8.4	162	168
12/22/99	614	0.36	0.421	32	1.02	1.22	-65	-60
03/09/00	540	0.26	0.14	24	5.4	1.6	-113	-35
09/05/00	550	0.18	<1.0	38	1.90	2.73	45	31

**Table 2**  
**Groundwater Analytical Results**  
Chevron Service Station #9-0076  
4265 Foothill Boulevard  
Oakland, California

WELL ID/ DATE	Total Alkalinity (mg CaCO <sub>3</sub> /L)	Ferrous Iron (ppm)	Nitrate as Nitrate (ppm)	Sulfate (ppm)	DO Pre-Purge (mg/L)	DO Post-Purge (mg/L)	ORP Pre-Purge (mV)	ORP Post-Purge (mV)
<b>C-7</b>								
09/17/97	600	4.8	<1.0	18	0.6	0.4	126	115
03/12/98	460	0.16	<1.0	29	2.2	2.1	167	167
03/31/99	486	<500 <sup>1</sup>	<0.1	29.4	2.0	1.8	137	135
12/22/99	400	1.6	0.434	16.9	1.8	1.5	20	-60
03/09/00	610	2.1	<0.1	5.5	0.7	2.5	10	-13
09/05/00	590	1.8	<1.0	12	1.77	1.46	133	46
<b>C-8</b>								
03/12/98	110	0.16	7.4	8.2	1.0	1.1	171	169
03/31/99	264	<500 <sup>1</sup>	17	71	1.8	1.5	149	132
03/09/00	270	0.24	29	35	2.7	3.3	141	160
<b>C-9</b>								
03/12/98	230	0.048	59	58	2.5	2.5	172	168
03/31/99	236	<500 <sup>1</sup>	18	72.7	2.1	2.3	154	142
03/09/00	190	0.79	100	73	2.5	3.7	108	138

**EXPLANATIONS:**

Groundwater laboratory analytical results prior to September 5, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

(ppm) = Parts per million

DO = Dissolved Oxygen

(mg/L) = Milligrams per liter

ORP = Oxidation Reduction Potential

(mV) = Millivolts

-- = Not Analyzed

<sup>1</sup> Analyzed in part per billion (ppb).

## 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 an 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

Client/ Chevron  
 Facility # 9-0076  
 Address: 4265 Foothill Blvd  
 City: Oakland, CA

Job#: 386495  
 Date: 6-7-01  
 Sampler: Frank T.

Well ID: C-1  
 Well Diameter: 2 1/2 in.  
 Total Depth: 38.08 ft.  
 Depth to Water: 12.96 ft.

Well Condition: OK  
 Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)  

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

$25.12 \times VF .38 = 9.54 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 28.63 \text{ (gal.)}$

Purge Equipment: Disposable Bailer (Stack) Suction Grundfos Other: \_\_\_\_\_  
 Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: \_\_\_\_\_

Starting Time: 1:23  
 Sampling Time: 1:53  
 Purging Flow Rate: 2.0 gpm.  
 Did well de-water? NO

Weather Conditions: SUNNY  
 Water Color: CLEAR Odor: YES  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1:28</u>	<u>9.5</u>	<u>6.99</u>	<u>686</u>	<u>77.2</u>	_____	_____	_____
<u>1:37</u>	<u>19.0</u>	<u>7.04</u>	<u>506</u>	<u>77.6</u>	_____	_____	_____
<u>1:43</u>	<u>29.0</u>	<u>6.92</u>	<u>454</u>	<u>73.8</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES	
					TPH(G)/bTEX/mtbe	
<u>C-1</u>	<u>34 VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>		
_____	_____	_____	_____	_____		
_____	_____	_____	_____	_____		

COMMENTS: "SLOW RECOVERY"  
"ORC IN WELL"

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Chevron  
 Facility # 9-0076  
 Address: 4265 Foothill Blvd  
 City: Oakland, CA

Job#: 386495  
 Date: 6-7-01  
 Sampler: FRANK T.

Well ID: C-2  
 Well Diameter: 2 1/2 in.  
 Total Depth: 36.53 ft.  
 Depth to Water: 19.34 ft.

Well Condition: OK

Hydrocarbon Thickness:	Amount Bailed (Gallons)			
	(feet)	(product/water):		
Volume	2" = 0.17	3" = 0.38	4" = 0.66	
Factor (VF)	6" = 1.50	12" = 5.80		

17.21 x VF .38 = 6.53 x 3 (case volume) = Estimated Purge Volume: 19.61 (gal.)

Purge Equipment: Disposable Bailer Bailer (Stack) Suction Grundfos Other: \_\_\_\_\_

Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: \_\_\_\_\_

Starting Time: 2:46  
 Sampling Time: 3:06  
 Purging Flow Rate: 2.0 gpm.  
 Did well de-water? No

Weather Conditions: SUNNY  
 Water Color: CLEAR Odor: YES  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>2:49</u>	<u>6.5</u>	<u>6.95</u>	<u>328</u>	<u>78.1</u>			
<u>2:52</u>	<u>13.0</u>	<u>6.89</u>	<u>302</u>	<u>77.0</u>			
<u>2:55</u>	<u>20.0</u>	<u>6.77</u>	<u>305</u>	<u>75.2</u>			

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2</u>	<u>3x VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(GI)/btex/mtbe</u>

COMMENTS: "ORC IN WELL"

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Chevron  
 Facility # 9-0076  
 Address: 4265 Foothill Blvd  
 City: Oakland, CA

Job#: 386495  
 Date: 6-7-01  
 Sampler: FRANK T.

Well ID C-3  
 Well Diameter 2/3" in.  
 Total Depth 39.26 ft.  
 Depth to Water 18.90 ft.

Well Condition: OK

Hydrocarbon Thickness:	Amount Bailed (Gallons)			
	(feet)	(product/water):		
Volume	2" = 0.17	3" = 0.38	4" = 0.66	
Factor (VF)	6" = 1.50	12" = 5.80		

20.36 x VF .38 = 7.73 x 3 (case volume) = Estimated Purge Volume: 23.21 (gal.)

Purge Equipment: Disposable Bailer Bailer (Stack) Suction Grundfos Other: \_\_\_\_\_

Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: \_\_\_\_\_

Starting Time: 11:59  
 Sampling Time: 12:20  
 Purging Flow Rate: 2.0 gpm.  
 Did well de-water? NO

Weather Conditions: SUNNY  
 Water Color: CLEAR Odor: NO  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$ <u>400</u>	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>12:03</u>	<u>7.5</u>	<u>7.56</u>	<u>366</u>	<u>74.1</u>			
<u>12:07</u>	<u>15.0</u>	<u>7.49</u>	<u>386</u>	<u>75.3</u>			
<u>12:11</u>	<u>23.0</u>	<u>7.31</u>	<u>389</u>	<u>75.9</u>			

### LABORATORY INFORMATION

SAMPLE ID	(#1 - CONTAINER)	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA		TPH(GI)/btex/mtbe
<u>C-3</u>	<u>3x VOAVIAL</u>	<u>Y</u>	<u>HCL</u>			

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Chevron  
 Facility # 9-0076  
 Address: 4265 Foothill Blvd  
 City: Oakland, CA

Job#: 386495  
 Date: 6-7-01  
 Sampler: FRANK T.

Well ID: C-4  
 Well Diameter: 2 1/2" in.  
 Total Depth: 39.48 ft.  
 Depth to Water: 19.60 ft.

Well Condition: OK  
 Hydrocarbon Thickness: 0 (feet) Amount Bailed (product/water): 0 (Gallons)  

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

19.88 x VF .38 = 7.55 x 3 (case volume) = Estimated Purge Volume 22.66 (gal.)

Purge Equipment: Disposable Bailer Bailer (Stack) Suction Grundfos Other: \_\_\_\_\_

Sampling Equipment: (Disposable Bailer) Bailer Pressure Bailer Grab Sample Other: \_\_\_\_\_

Starting Time: 2:07  
 Sampling Time: 2:35  
 Purging Flow Rate: ≈ 2.0 gpm.  
 Did well de-water? No

Weather Conditions: SUNNY  
 Water Color: CLEAR Odor: YES  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>2:11</u>	<u>7.5</u>	<u>7.04</u>	<u>392</u>	<u>72.9</u>	_____	_____	_____
<u>2:18</u>	<u>15.0</u>	<u>6.95</u>	<u>323</u>	<u>73.6</u>	_____	_____	_____
<u>2:25</u>	<u>23.0</u>	<u>6.86</u>	<u>319</u>	<u>72.8</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-4</u>	<u>37 VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>TPH(GI)/btex/mtbe</u>

COMMENTS: SLOW RECOVERY LAST TWO CASE VOLUMES. "ORC IN THIS WELL"

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Chevron  
 Facility # 9-0076  
 Address: 4265 Foothill Blvd  
 City: Oakland, CA

Job#: 386495  
 Date: 6-7-01  
 Sampler: FRANK T.

Well ID C-5  
 Well Diameter 2 1/3 in.  
 Total Depth 43.89 ft.  
 Depth to Water 19.50 ft.

Well Condition: OK

Hydrocarbon Thickness:	Amount Bailed (Gallons)		
	(feet)	(product/water):	
Volume Factor (VF)	2" = 0.17	3" = 0.98	4" = 0.66
	6" = 1.50	12" = 5.80	

N/A x VF =          x 3 (case volume) = Estimated Purge Volume:          (gal.)

Purge Equipment: N/A  
 Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other:         

Sampling Equipment: N/A  
 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 $\mu$ mhos/cm	Temperature °F	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>

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
					TPHIGI/btex/mnba
<u>C-5</u>	<u>VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>	<u>        </u>
<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>
<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>	<u>        </u>

COMMENTS: "MONITORED ONLY"

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Chevron  
 Facility # 9-0076  
 Address: 4265 Foothill Blvd  
 City: Oakland, CA

Job#: 386495  
 Date: 6-7-01  
 Sampler: FRANK T.

Well ID: C-6  
 Well Diameter: 2 1/3 in.  
 Total Depth: 53.80 ft.  
 Depth to Water: 25.73 ft.

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

28.07 x VF .17 = 4.77 x 3 (case volume) = Estimated Purge Volume: 14.31 (gal.)

Purge Equipment: Disposable Bailer Bailer (Stack) Suction Grundfos Other:

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

Starting Time: 3:30  
 Sampling Time: 3:51  
 Purging Flow Rate: 1.5-2.0 gpm.  
 Did well de-water? NO

Weather Conditions: SUNNY  
 Water Color: CLEAR/LT. GRAY Odor: YES  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
3:33	4.5	6.88	330	76.0			
3:36	9.0	6.81	315	72.3			
3:39	14.0	6.79	314	71.5			

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA		TPH(GI)/btex/mtbe
C-6	3x VOAVIAL	Y	HCL	SEQUOIA		

COMMENTS: "ORC IN THIS WELL"

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Chevron  
 Facility # 9-0076  
 Address: 4265 Foothill Blvd  
 City: Oakland, CA

Job#: 386495  
 Date: 6-7-01  
 Sampler: Frank T.

Well ID: C-7  
 Well Diameter: 2" in.  
 Total Depth: 50.82 ft.  
 Depth to Water: 25.39 ft.

Well Condition: OK

Hydrocarbon Thickness:	Amount Bailed (Gallons)		
	(feet)	(product/water):	
Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

25.43 x VF .17 = 4.32 x 3 (case volume) = Estimated Purge Volume: 12.96 (gal.)

Purge Equipment: \_\_\_\_\_  
 Disposable Bailer  
 Bailer (Stack)  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: (Disposable Bailer)  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 12:43  
 Sampling Time: 1:02  
 Purging Flow Rate: 2.0 gpm.  
 Did well de-water? NO

Weather Conditions: SUNNY  
 Water Color: CLEAR | LT. Grey | Odor: YES  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm} \times 100$	Temperature	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>12:46</u>	<u>4.5</u>	<u>6.97</u>	<u>417</u>	<u>77.3</u>	_____	_____	_____
<u>12:49</u>	<u>9.0</u>	<u>6.92</u>	<u>397</u>	<u>74.5</u>	_____	_____	_____
<u>12:52</u>	<u>14.0</u>	<u>6.86</u>	<u>401</u>	<u>74.2</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA	TPH(GI)/bTEX/mtbe	
<u>C-7</u>	<u>3X VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

COMMENTS: \_\_\_\_\_

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Chevron  
 Facility # 9-0076  
 Address: 4265 Foothill Blvd  
 City: Oakland, CA

Job#: 386495  
 Date: 6-7-01  
 Sampler: FRANK T.

Well ID C-8  
 Well Diameter 2 1/3 in.  
 Total Depth 55.95 ft.  
 Depth to Water 25.79 ft.

Well Condition: OK

Hydrocarbon Thickness:	(feet)	Amount Bailed (product/water):	(Gallons)
Volume Factor (VF)	2" = 0.17	3" = 0.38	4" = 0.66
	6" = 1.50	12" = 5.80	

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

Purge Equipment: N/A  
 Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other:         

Sampling Equipment: N/A  
 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 $\mu$ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-8	VOAVIAL	Y	HCL	SEQUOIA	TPH(G)/btex/mib6

COMMENTS: "MONITORED ONLY"



## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Chevron  
 Facility # 9-0076  
 Address: 4265 Foothill Blvd  
 City: Oakland, CA

Job#: 386495  
 Date: 6-7-01  
 Sampler: FRANK T.

Well ID C-9  
 Well Diameter 2 1/3 in.  
 Total Depth 45.20 ft.  
 Depth to Water 25.50 ft.

Well Condition: OK

Hydrocarbon Thickness:	Amount Bailed (Gallons)			
	(feet)	(product/water):		
Volume	2" = 0.17	3" = 0.98	4" = 0.66	
Factor (VF)	6" = 1.50	12" = 5.80		

N/A X VF = \_\_\_\_\_ X 3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ (gal.)

Purge Equipment: N/A  
 Disposable Bailer  
 Bailer  
 Stack  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: N/A  
 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 $\mu$ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)

### LABORATORY INFORMATION

SAMPLE ID	#1 - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA		TPHIGI/btex/mn6
C-9	VOAVIAL	Y	HCL			

COMMENTS: "MONITORED ONLY"

Chevron Products Co.  
P.O. BOX 6004  
San Ramon, CA 94583  
FAX (925)842-8370

Chevron Facility Number #9-0076  
Facility Address 4265 FOOTHILL BLVD., OAKLAND, CA.  
386495  
Consultant Project Number  
Consultant Name GETTLER-RYAN INC.  
Address 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568  
Project Contact (Name) DEANNA L. HARDING  
(Phone) 925-551-7555 (Fax Number) 925-551-7899

Chevron Contact (Name) MR. TOM BAUHS  
(Phone) (925) 842-8898  
Laboratory Name ~~RED~~ SEQUOIA  
Laboratory Service Order  
Laboratory Service Code  
Sample Collected by (Name) FRANK T. EDWARDS  
Signature

State Method:  CA  OR  WA  NW Series  CO  UT IDAHO

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	State Method: <input checked="" type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT IDAHO														Remarks					
					BTX/MTBE/TPH GAS (8020 + 8015)	BTX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Oxygenates (8260)	Purgeable Halocarbons (8010)	Purgeable Organics (8260)	Extractable Organics (8270)	Oil and Grease (5520)	Metals (Ni, Pb, Zn, Cu) (8020)	BTX (8020)	BTX/MTBE/Naph. (8020)	TPH - HCl	TPH - Extended	Lab Sample No.						
TB-LB	1	W	HCL	6-7-01	X																			-01A
C-1	3			13:53	X																			-02AC
C-2	3			15:06	X																			-03
C-3	3			12:20	X																			-04
C-4	3			14:35	X																			-05
C-6	3			15:51	X																			-06
C-7	3	↓	↓	13:02	X																			-07 V

Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N	Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days <u>As Contracted</u>
	G-R INC.	6-8-01					
Relinquished By (Signature)	Organization	Date/Time	Received By (Signature)	Organization	Date/Time	Iced Y/N	
Relinquished By (Signature)	Organization	Date/Time	Received For Laboratory By (Signature)		Date/Time	Iced Y/N	



# Sequoia Analytical

404 N. Wiget Lane  
Walnut Creek, CA 94598  
(925) 988-9600  
FAX (925) 988-9673  
www.sequoialabs.com

26 June, 2001

Deanna L. Harding  
Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin, CA 94568

RE: Chevron  
Sequoia Report: W106191

Enclosed are the results of analyses for samples received by the laboratory on 08-Jun-01 17:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dimple Sharma For Charlie Westwater  
Project Manager

CA ELAP Certificate #1271

RECEIVED

JUN 27 2001

GETTLER-RYAN INC.  
GENERAL CONTRACTORS



Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0076  
Project Manager: Deanna L. Harding

**Reported:**  
26-Jun-01 16:01

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W106191-01	Water	07-Jun-01 00:00	08-Jun-01 17:40
C-1	W106191-02	Water	07-Jun-01 13:53	08-Jun-01 17:40
C-2	W106191-03	Water	07-Jun-01 15:06	08-Jun-01 17:40
C-3	W106191-04	Water	07-Jun-01 12:20	08-Jun-01 17:40
C-4	W106191-05	Water	07-Jun-01 14:35	08-Jun-01 17:40
C-6	W106191-06	Water	07-Jun-01 15:51	08-Jun-01 17:40
C-7	W106191-07	Water	07-Jun-01 13:02	08-Jun-01 17:40

Sequoia Analytical - Walnut Creek

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Dimple Sharma For Charlie Westwater, Project Manager



Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0076  
Project Manager: Deanna L. Harding

**Reported:**  
26-Jun-01 16:01

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>TB-LB (W106191-01) Water</b> Sampled: 07-Jun-01 00:00 Received: 08-Jun-01 17:40									
Purgeable Hydrocarbons	ND	50	ug/l	1	1F13003	14-Jun-01	14-Jun-01	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		117 %		70-130	"	"	"	"	
<b>C-1 (W106191-02) Water</b> Sampled: 07-Jun-01 13:53 Received: 08-Jun-01 17:40									
Purgeable Hydrocarbons	750	100	ug/l	2	1F13003	15-Jun-01	15-Jun-01	EPA 8015M/8020	P-01
Benzene	220	1.0	"	"	"	"	"	"	CC-3
Toluene	5.6	1.0	"	"	"	"	"	"	
Ethylbenzene	4.8	1.0	"	"	"	"	"	"	
Xylenes (total)	2.6	1.0	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.7 %		70-130	"	"	"	"	
<b>C-1 (W106191-02RE1) Water</b> Sampled: 07-Jun-01 13:53 Received: 08-Jun-01 17:40									
Methyl tert-butyl ether	2500	250	ug/l	100	1F13003	15-Jun-01	26-Jun-01	EPA 8015M/8020	A-03,CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99.0 %		70-130	"	"	"	"	
<b>C-2 (W106191-03) Water</b> Sampled: 07-Jun-01 15:06 Received: 08-Jun-01 17:40									
Purgeable Hydrocarbons	15000	5000	ug/l	100	1F13003	15-Jun-01	18-Jun-01	EPA 8015M/8020	P-01
Benzene	3400	50	"	"	"	"	"	"	CC-3
Toluene	150	50	"	"	"	"	"	"	
Ethylbenzene	700	50	"	"	"	"	"	"	
Xylenes (total)	1300	50	"	"	"	"	"	"	
Methyl tert-butyl ether	1900	250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		100 %		70-130	"	"	"	"	



Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0076  
Project Manager: Deanna L. Harding

Reported: 26-Jun-01 16:01

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-3 (W106191-04) Water</b> Sampled: 07-Jun-01 12:20 Received: 08-Jun-01 17:40									
Purgeable Hydrocarbons	140	50	ug/l	1	1F13003	15-Jun-01	15-Jun-01	EPA 8015M/8020	P-01
Benzene	16	0.50	"	"	"	"	"	"	CC-3
Toluene	0.67	0.50	"	"	"	"	"	"	
Ethylbenzene	1.4	0.50	"	"	"	"	"	"	
Xylenes (total)	3.8	0.50	"	"	"	"	"	"	CC-3
Methyl tert-butyl ether	30	2.5	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		111 %	70-130		"	"	"	"	
<b>C-4 (W106191-05) Water</b> Sampled: 07-Jun-01 14:35 Received: 08-Jun-01 17:40									
Purgeable Hydrocarbons	880	50	ug/l	1	1F13003	15-Jun-01	15-Jun-01	EPA 8015M/8020	P-01
Benzene	75	0.50	"	"	"	"	"	"	CC-3
Toluene	4.3	0.50	"	"	"	"	"	"	
Ethylbenzene	22	0.50	"	"	"	"	"	"	
Xylenes (total)	33	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	340	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		138 %	70-130		"	"	"	"	S-04
<b>C-6 (W106191-06) Water</b> Sampled: 07-Jun-01 15:51 Received: 08-Jun-01 17:40									
Purgeable Hydrocarbons	360	50	ug/l	1	1F13003	15-Jun-01	15-Jun-01	EPA 8015M/8020	P-01
Benzene	21	0.50	"	"	"	"	"	"	CC-3
Toluene	1.8	0.50	"	"	"	"	"	"	
Ethylbenzene	2.4	0.50	"	"	"	"	"	"	
Xylenes (total)	3.8	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	100	2.5	"	"	"	"	"	"	CC-3
Surrogate: a,a,a-Trifluorotoluene		135 %	70-130		"	"	"	"	S-04

Sequoia Analytical - Walnut Creek

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Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0076  
Project Manager: Deanna L. Harding

**Reported:**  
26-Jun-01 16:01

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT**

**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-7 (W106191-07) Water</b> <b>Sampled: 07-Jun-01 13:02</b> <b>Received: 08-Jun-01 17:40</b>									
<b>Purgeable Hydrocarbons</b>	<b>2600</b>	<b>500</b>	<b>ug/l</b>	<b>10</b>	<b>1F13003</b>	<b>15-Jun-01</b>	<b>15-Jun-01</b>	<b>EPA 8015M/8020</b>	<b>P-01</b>
<b>Benzene</b>	<b>440</b>	<b>5.0</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>CC-3</b>
<b>Toluene</b>	<b>14</b>	<b>5.0</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>CC-3</b>
<b>Ethylbenzene</b>	<b>110</b>	<b>5.0</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>CC-3</b>
<b>Xylenes (total)</b>	<b>130</b>	<b>5.0</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>CC-3</b>
<b>Methyl tert-butyl ether</b>	<b>56</b>	<b>25</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>"</b>	<b>CC-3</b>
<i>Surrogate: a,a,a-Trifluorotoluene</i>		<i>105 %</i>		<i>70-130</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	



Gettler Ryan, Inc. - Dublin 6747 Sierra Court Suite J Dublin CA, 94568	Project: Chevron Project Number: Chevron # 9-0076 Project Manager: Deanna L. Harding	Reported: 26-Jun-01 16:01
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**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1F13003 - EPA 5030B P/T</b>										
<b>Blank (1F13003-BLK1)</b> Prepared & Analyzed: 13-Jun-01										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: <i>a, a, a</i> -Trifluorotoluene	34.9		"	30.0		116	70-130			
<b>Blank (1F13003-BLK2)</b> Prepared & Analyzed: 14-Jun-01										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: <i>a, a, a</i> -Trifluorotoluene	29.5		"	30.0		98.3	70-130			
<b>Blank (1F13003-BLK3)</b> Prepared & Analyzed: 15-Jun-01										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: <i>a, a, a</i> -Trifluorotoluene	30.1		"	30.0		100	70-130			
<b>Blank (1F13003-BLK4)</b> Prepared & Analyzed: 22-Jun-01										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: <i>a, a, a</i> -Trifluorotoluene	27.4		"	30.0		91.3	70-130			

Sequoia Analytical - Walnut Creek

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Gettler Ryan, Inc. - Dublin  
8747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0076  
Project Manager: Deanna L. Harding

Reported:  
26-Jun-01 16:01

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 1F13003 - EPA 5030B P/T**

**Blank (1F13003-BLK5)**

Prepared: 18-Jun-01 Analyzed: 25-Jun-01

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	28.3		"	30.0		94.3	70-130			

**LCS (1F13003-BS1)**

Prepared & Analyzed: 13-Jun-01

Benzene	18.7	0.50	ug/l	20.0		93.5	70-130			
Toluene	19.6	0.50	"	20.0		98.0	70-130			
Ethylbenzene	19.8	0.50	"	20.0		99.0	70-130			
Xylenes (total)	61.3	0.50	"	60.0		102	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	28.2		"	30.0		94.0	70-130			

**LCS (1F13003-BS2)**

Prepared & Analyzed: 14-Jun-01

Benzene	21.1	0.50	ug/l	20.0		106	70-130			
Toluene	17.1	0.50	"	20.0		85.5	70-130			
Ethylbenzene	17.6	0.50	"	20.0		88.0	70-130			
Xylenes (total)	52.8	0.50	"	60.0		88.0	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	29.4		"	30.0		98.0	70-130			

**LCS (1F13003-BS3)**

Prepared & Analyzed: 15-Jun-01

Benzene	19.6	0.50	ug/l	20.0		98.0	70-130			
Toluene	19.8	0.50	"	20.0		99.0	70-130			
Ethylbenzene	20.7	0.50	"	20.0		104	70-130			
Xylenes (total)	60.8	0.50	"	60.0		101	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	28.1		"	30.0		93.7	70-130			



Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0076  
Project Manager: Deanna L. Harding

Reported:  
26-Jun-01 16:01

## Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1F13003 - EPA 5030B P/T</b>										
<b>LCS (1F13003-BS4)</b> Prepared & Analyzed: 22-Jun-01										
Benzene	22.9	0.50	ug/l	20.0		114	70-130			
Toluene	19.4	0.50	"	20.0		97.0	70-130			
Ethylbenzene	20.3	0.50	"	20.0		102	70-130			
Xylenes (total)	60.5	0.50	"	60.0		101	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	31.2		"	30.0		104	70-130			
<b>LCS (1F13003-BSS)</b> Prepared: 18-Jun-01 Analyzed: 25-Jun-01										
Benzene	16.5	0.50	ug/l	20.0		82.5	70-130			
Toluene	17.6	0.50	"	20.0		88.0	70-130			
Ethylbenzene	18.3	0.50	"	20.0		91.5	70-130			
Xylenes (total)	53.9	0.50	"	60.0		89.8	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	27.4		"	30.0		91.3	70-130			
<b>LCS Dup (1F13003-BSD1)</b> Prepared & Analyzed: 13-Jun-01										
Benzene	20.1	0.50	ug/l	20.0		100	70-130	7.22	20	
Toluene	18.8	0.50	"	20.0		94.0	70-130	4.17	20	
Ethylbenzene	18.0	0.50	"	20.0		90.0	70-130	9.52	20	
Xylenes (total)	59.9	0.50	"	60.0		99.8	70-130	2.31	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	27.7		"	30.0		92.3	70-130			
<b>Matrix Spike (1F13003-MS1)</b> Source: W106176-05 Prepared & Analyzed: 15-Jun-01										
Benzene	8.92	0.50	ug/l	20.0	ND	44.6	70-130			Q-01
Toluene	15.9	0.50	"	20.0	ND	79.5	70-130			
Ethylbenzene	16.8	0.50	"	20.0	ND	84.0	70-130			
Xylenes (total)	49.6	0.50	"	60.0	ND	82.7	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	27.1		"	30.0		90.3	70-130			
<b>Matrix Spike Dup (1F13003-MSD1)</b> Source: W106176-05 Prepared & Analyzed: 15-Jun-01										
Benzene	21.2	0.50	ug/l	20.0	ND	106	70-130	81.5	20	Q-07
Toluene	18.3	0.50	"	20.0	ND	91.5	70-130	14.0	20	
Ethylbenzene	18.9	0.50	"	20.0	ND	94.5	70-130	11.8	20	
Xylenes (total)	56.5	0.50	"	60.0	ND	94.2	70-130	13.0	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	31.9		"	30.0		106	70-130			

Sequoia Analytical - Walnut Creek

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Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0076  
Project Manager: Deanna L. Harding

**Reported:**  
26-Jun-01 16:01

## Notes and Definitions

- A-03 This sample was originally analyzed within holding time. Re-analysis for confirmation or dilution was performed past the recommended holding time.
- CC-3 Continuing Calibration indicates that the quantitative result for this analyte includes a greater than 15% degree of uncertainty. The value as reported is within method acceptance.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- Q-01 The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
- Q-07 The RPD value for this QC sample is above the established control limit. Review of associated QC indicates the high RPD does not represent an out-of-control condition for the batch.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference