

Environmental Management  
Company  
6001 Bollinger Canyon Rd, L4050  
P.O. Box 6012  
San Ramon, CA 94583-2324  
Tel 925-842-1589  
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Karen Streich  
Project Manager

Alameda County  
MAY 21 2004  
Environmental Services

RO 2535 ✓

May 20, 2004

**ChevronTexaco**

Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Re: Chevron Service Station # 206265

Address: Powell@Landregan, Emeryville, CA , 1520 Powell

I have reviewed the attached routine groundwater monitoring report dated April 30, 2004.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,



Karen Streich  
Project Manager

Enclosure: Report

MAY 21 2004

ALAMEDA COUNTY



# GETTLER-RYAN INC.

## TRANSMITTAL

April 30, 2004

G-R #385161

TO: Mr. Bruce H. Eppler  
Cambria Environmental Technology, Inc.  
4111 Citrus Avenue, Suite 12  
Rocklin, California 95677

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

RE: **Former Chevron Asphalt Plant  
Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California  
MTI: 61D-1953**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	April 26, 2004	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of April 1, 2004

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Ms. Karen Streich, ChevronTexaco Company, P.O. Box 6012, San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **May 19, 2004**, at which time the final report will be distributed to the following:

- cc: Ms. Susan Hugo, Alameda County Health Care Services, Dept. of Environmental Health, 1153 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Ravi Arulananthum, RWQCB-S.F. Bay Region, 1515 Clay Street, Suite 1400, Oakland, CA 94612
- Mr. Dan Nourse, Wareham Development Group, 1120 Nye Street, Suite 400, San Rafael, CA 94901

Enclosures



# GETTLER-RYAN INC.

Alameda County  
MAY 21 2004

April 26, 2004  
G-R Job #385161

Ms. Karen Streich  
ChevronTexaco Company  
P.O. Box 6012  
San Ramon, CA 94583

**RE: First Semi-Annual Event of April 1, 2004**  
Groundwater Monitoring & Sampling Report  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

Dear Ms. Streich:

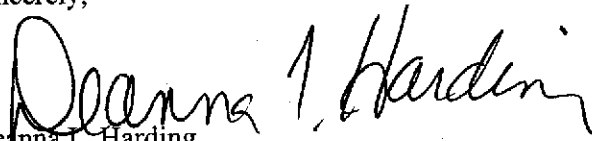
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

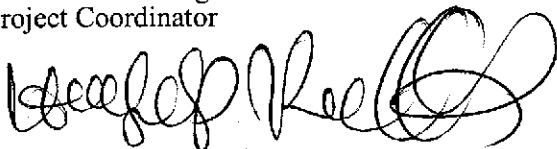
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Groundwater Elevation Map is included as Figure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

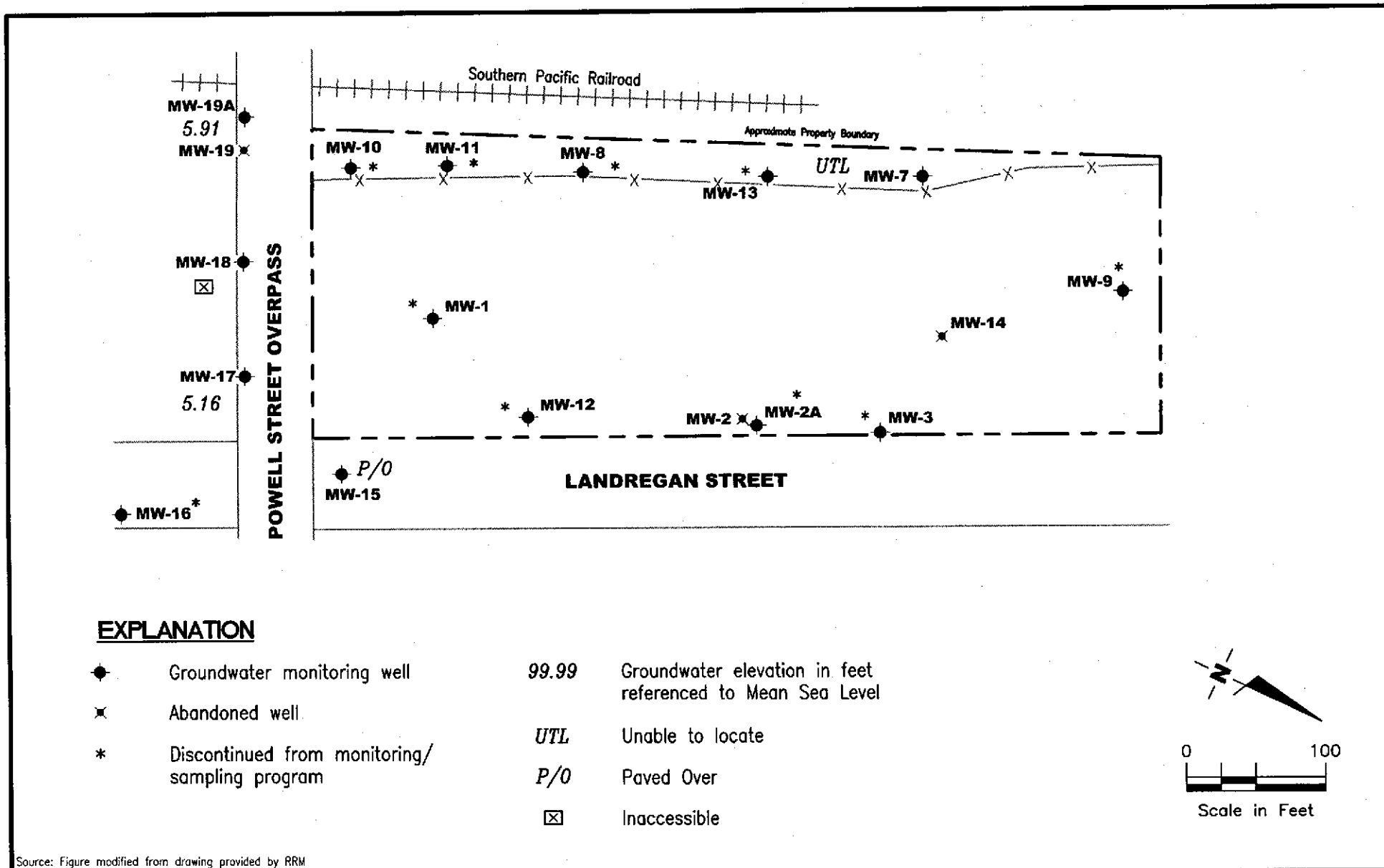
Sincerely,

  
Deanna L. Harding  
Project Coordinator

  
Hagop Kevork  
P.E. No. C55734



- Figure 1: Groundwater Elevation 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



Source: Figure modified from drawing provided by RRM

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

**GROUNDWATER ELEVATION MAP**  
 Former Chevron Asphalt Plant #206265 (100-1067)  
 Powell @ Landregan  
 Emeryville, California

FIGURE

1

JOB NUMBER 385161	REVIEWED BY	DATE April 1, 2004	REVISED DATE
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**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
 Powell @ Landregan  
 Emeryville, 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)	TOG (ppb)
<b>MW-1</b>												
04/26/85	10.67	--	--	--	--	--	99	--	--	6.0	--	--
09/11/87	10.67	--	--	--	--	--	63	--	--	--	--	--
07/07/88	10.67	--	--	--	--	<100	55	--	--	--	--	--
04/13/89	10.67	6.95	3.72	--	--	--	--	--	--	--	--	--
04/14/89	10.67	--	--	--	--	<5,000	34	<5.0	<5.0	<10	--	--
07/31/89	10.67	4.95	5.72	--	--	7,000	57	1.2	<0.2	1.6	--	--
12/08/89	10.67	5.87	4.80	--	--	--	26	0.4	0.9	2.0	--	--
03/21/90	10.67	5.93	4.74	--	--	3,500	120	9.0	3.0	3.0	--	--
06/19/90	10.67	5.92	4.75	--	--	2,700	100	<0.3	<0.3	7.0	--	--
09/20/90	10.67	5.60	5.07	--	--	--	--	--	--	--	--	--
09/21/90	10.67	--	--	--	--	2,200	120	2.0	2.0	0.79	--	--
12/28/90	10.67	5.76	4.91	--	--	720	44	2.0	<0.5	9.0	--	--
05/10/91	10.67	5.37	5.30	--	--	530	47	2.0	0.5	8.0	--	--
08/08/91	10.67	4.82	5.85	--	--	1,400	37	8.3	3.7	12	--	--
11/27/91	10.67	5.54	5.13	--	--	840	16	7.1	4.5	11	--	--
01/29/92	10.67	5.85	4.82	--	--	350	18	9.3	3.7	7.7	--	--
03/26/92	10.67	6.35	4.32	--	--	420 <sup>2</sup>	19	2.2	1.2	4.0	--	--
07/23/92	10.67	5.25	5.42	--	--	4,000 <sup>2</sup>	50	82	40	160	--	--
10/28/92	10.67	5.11	5.56	--	--	980	36	6.7	3.0	10	--	--
05/04/93	10.67	4.37	6.30	--	--	650	9.4	2.4	1.2	4.5	--	--
01/05/94	10.67	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED												
<b>MW-2</b>												
04/26/85	13.78	--	--	--	--	--	<10	--	--	--	--	--
09/11/87	13.78	--	--	--	--	--	--	--	--	--	--	--
07/07/88	13.78	--	--	--	--	<100	<5.0	--	--	--	--	--
04/13/89	13.78	11.16	2.62	--	--	--	--	--	--	--	--	--
04/14/89	13.78	--	--	--	--	<100	<0.2	<0.2	<0.2	<0.4	--	--
07/31/89	13.78	9.15	4.63	--	--	<100	<0.2	<1.0	<0.2	<0.4	--	--
12/08/89	13.78	7.80	5.98	--	--	--	<0.3	<0.3	<0.3	<0.6	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, 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)	TOG (ppb)
<b>MW-2 (cont)</b>												
03/21/90	13.78	7.93	5.85	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	13.78	7.83	5.95	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	13.78	6.92	6.86	--	--	--	--	--	--	--	--	--
09/21/90	13.78	--	--	--	--	<50	<1.5	<1.5	<1.5	<4.5	--	--
12/28/90	13.78	7.44	6.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	13.78	7.82	5.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	13.78	6.12	7.66	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	13.78	5.74	8.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	13.78	7.77	6.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	13.78	7.68	6.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	13.78	6.39	7.39	--	--	<50	<0.5	<0.5	<0.5	0.8	--	--
10/28/92	13.78	6.27	7.51	--	--	55	1.3	6.9	1.1	5.1	--	--
05/04/93	13.78	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
01/05/94	13.78	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
10/24/94	13.78	DRY	--	--	--	--	--	--	--	--	--	--
04/19/95	13.78	11.28	2.51	0.01	--	--	--	--	--	--	--	--
<b>ABANDONED</b>												
<b>MW-2A</b>												
11/06/95	12.45	7.94	4.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	12.45	8.35	4.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	12.45	7.13	5.32	--	--	60 <sup>2</sup>	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/22/97	12.45	8.50	3.95	--	--	<50	0.8	<0.5	<0.5	<0.5	<5.0	--
10/16/97	12.45	7.77	4.68	--	--	80	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	12.45	8.91	3.54	--	--	96 <sup>2</sup>	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	12.45	7.31	5.14	--	--	170 <sup>2</sup>	<0.5	<0.5	<0.5	9.6	44/<2.0 <sup>7</sup>	--
04/15/99	12.45	9.83	2.62	--	--	116	0.609	<0.5	<0.5	<0.5	<5.0	--
11/04/99	12.45	7.38	5.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
<b>NOT MONITORED/SAMPLED</b>												

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
 Powell @ Landregan  
 Emeryville, 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)	TOG (ppb)
<b>MW-3</b>												
04/26/85	11.73	--	--	--	--	--	<10	--	--	--	--	--
09/11/87	11.73	--	--	--	--	--	<0.5	--	--	--	--	--
07/07/88	11.73	--	--	--	--	<100	<5.0	--	--	--	--	--
04/13/89	11.73	9.39	2.34	--	--	--	--	--	--	--	--	--
04/14/89	11.73	--	--	--	--	<100	<0.2	<0.2	<0.2	<0.4	--	<3,000,000
07/31/89	11.73	6.94	4.79	--	--	<100	<0.2	<1.0	<0.2	<0.4	--	--
12/08/89	11.73	8.70	3.03	--	--	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	11.73	9.18	2.55	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	11.73	8.97	2.76	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	11.73	7.30	4.43	--	--	--	--	--	--	--	--	--
09/21/90	11.73	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	11.73	8.06	3.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	11.73	8.90	2.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	11.73	6.64	5.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	11.73	6.36	5.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	11.73	8.27	3.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	11.73	9.63	2.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	11.73	7.13	4.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	11.73	6.66	5.07	--	--	92	1.8	12	2.0	10	--	--
05/04/93	11.73	INACCESSIBLE		--	--	--	--	--	--	--	--	--
01/05/94	11.73	INACCESSIBLE		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED												
<b>MW-4</b>												
04/26/85	--	--	--	--	--	3,100	<10	--	--	--	--	--
09/11/87	--	--	--	--	--	--	<0.5	--	--	--	--	--
07/07/88	--	--	--	--	--	<100	<5.0	--	--	--	--	--
04/13/89	--	--	2.12	--	--	--	--	--	--	--	--	--
04/14/89	--	--	--	--	--	380 <sup>1</sup>	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
NOT MONITORED/SAMPLED												

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH					X (ppb)	MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)			
<b>MW-5</b>												
04/26/85	--	--	--	--	--	1,600	<100	--	--	--	--	--
09/11/87	--	--	--	--	--	--	<10	--	--	--	--	--
07/07/88	--	--	--	--	--	<100	<5.0	--	--	--	--	--
04/13/89	--	--	2.79	--	--	--	--	--	--	--	--	--
04/14/89	--	--	--	--	--	4,300 <sup>1</sup>	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
NOT MONITORED/SAMPLED												
<b>MW-6</b>												
04/26/85	--	--	--	--	--	580	<100	--	--	--	--	--
09/11/87	--	--	--	--	--	--	<10	--	--	--	--	--
07/07/88	--	--	--	--	--	8,000	<5.0	--	--	--	--	--
04/13/89	--	--	1.90	--	--	--	--	--	--	--	--	--
04/14/89	--	--	--	--	--	3,300 <sup>1</sup>	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
NOT MONITORED/SAMPLED												
<b>MW-7</b>												
04/26/85	10.47	--	--	--	--	700	ND	--	--	--	--	--
09/11/87	10.47	--	--	--	--	--	<10	--	--	--	--	--
07/07/88	10.47	--	--	--	--	17,000	<5.0	--	--	--	--	--
04/13/89	10.47	8.57	1.90	--	--	--	--	--	--	--	--	--
04/14/89	10.47	--	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
07/31/89	10.47	6.23	4.24	--	--	160 <sup>1</sup>	<0.1	<0.5	<0.1	<0.2	--	--
07/31/89	10.47	--	--	--	--	100 <sup>1</sup>	<0.1	<0.5	<0.1	<0.2	--	--
12/08/89	10.47	7.82	2.65	--	--	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	10.47	7.71	2.76	--	--	<50	<0.3	<0.3	<0.3	0.6	--	--
06/19/90	10.47	7.23	3.24	--	--	<50	<0.3	<0.3	<0.3	0.6	--	--
09/20/90	10.47	5.90	4.57	--	--	--	--	--	--	--	--	--
09/21/90	10.47	--	--	--	--	<50	1.5	<0.3	<0.3	<0.6	--	--
12/28/90	10.47	7.35	3.12	--	--	<50	0.7	<0.5	<0.5	0.7	--	--
05/10/91	10.47	6.94	3.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
**Former Chevron Asphalt Plant Terminal #206265 (100-1067)**  
**Powell @ Landregan**  
**Emeryville, 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)	TOG (ppb)
<b>MW-7 (cont)</b>												
08/08/91	10.47	5.83	4.64	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	10.47	6.81	3.66	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	10.47	7.23	3.24	--	--	<50	<0.5	<0.5	<0.5	0.9	--	--
03/26/92	10.47	7.86	2.61	--	--	<50	<0.5	<0.5	<0.5	0.9	--	--
07/23/92	10.47	6.28	4.19	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	10.47	6.08	4.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/93	10.47	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
01/05/94	10.47	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
05/13/94	10.47	6.06	4.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	10.47	5.44	5.03	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	10.47	5.94	4.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	10.47	5.36	5.11	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	10.47	6.07	4.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	10.47	5.45	5.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/22/97	10.47	5.93	4.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	10.47	6.05	4.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	10.47	6.05	4.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	10.47	5.66	4.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/15/99	10.47	6.07	4.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/04/99	10.47	5.50	4.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/13/00	10.47	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
10/05/00	10.47	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION										
04/23/01	10.47	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION										
10/04/01	10.47	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION										
04/01/02	10.47	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION										
10/19/02	10.47	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION										
04/16/03	10.47	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION										
10/29/03	10.47	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION										
<b>UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION</b>												

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, 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)	TOG (ppb)
<b>MW-8</b>												
04/26/85	10.46	--	--	--	--	--	ND	--	--	--	--	--
09/11/87	10.46	--	--	--	--	--	<10	--	--	--	--	--
07/07/88	10.46	--	--	--	--	20,000	<5.0	--	--	--	--	--
04/13/89	10.46	7.66	2.80	--	--	--	--	--	--	--	--	--
04/14/89	10.46	--	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<3,000	<3,000,000
07/31/89	10.46	4.76	5.70	--	--	<50	<0.1	<0.5	<0.1	<0.2	--	--
12/08/89	10.46	6.33	4.13	--	--	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	10.46	6.39	4.07	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	10.46	6.21	4.25	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	10.46	5.47	4.99	--	--	--	--	--	--	--	--	--
09/21/90	10.46	--	--	--	--	<50	6.0	<0.3	<0.3	<0.6	--	--
12/28/90	10.46	6.07	4.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	10.46	6.33	4.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	10.46	4.93	5.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	10.46	5.87	4.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	10.46	5.16	5.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	10.46	6.87	3.59	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--
07/23/92	10.46	5.40	5.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	10.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/04/93	10.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--
01/05/94	10.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/13/94	10.46	4.87	5.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	10.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/19/95 <sup>3</sup>	10.46	--	--	--	--	--	--	--	--	--	--	--
11/06/95	10.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/26/96	10.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--
10/10/96	10.46	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/22/97	10.46	4.67	5.79	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	10.46	5.14	5.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	10.46	4.91	5.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, 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)	TOG (ppb)
<b>MW-8 (cont)</b>												
10/27/98	10.46	4.49	5.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/15/99	10.46	5.21	5.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/04/99	10.46	4.04	6.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
NOT MONITORED/SAMPLED												
<b>MW-9</b>												
04/26/85	--	--	--	--	--	--	--	--	--	--	--	--
09/11/87	--	--	--	--	--	--	--	--	--	--	--	--
07/07/88	--	--	--	--	--	400	--	--	--	--	--	--
05/10/91	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED												
<b>MW-10</b>												
07/07/88	10.82	--	--	--	--	--	<5.0	--	--	--	--	--
04/14/89	10.82	--	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
07/31/89	10.82	--	--	--	--	<50	<0.1	<0.5	<0.1	<0.2	--	--
12/08/89	10.82	--	--	--	--	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	10.82	6.22	4.60	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	10.82	5.93	4.89	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	10.82	5.05	5.77	--	--	--	--	--	--	--	--	--
09/21/90	10.82	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	10.82	5.83	4.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	10.82	5.02	5.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	10.82	4.96	5.86	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	10.82	5.43	5.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	10.82	5.38	5.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	10.82	5.86	4.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	10.82	5.02	5.80	--	--	<50	<0.5	1.8	0.5	1.9	--	--
10/28/92	10.82	4.76	6.06	--	--	<50	0.6	0.7	<0.5	1.2	--	--
05/04/93	10.82	INACCESSIBLE		--	--	--	--	--	--	--	--	--

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 Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
 Powell @ Landregan  
 Emeryville, 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)	TOG (ppb)
<b>MW-10</b>												
01/05/94	10.82	4.90	5.92	--	--	<50	<0.5	<0.5	<0.5	0.6	--	--
05/13/94	10.82	5.73	5.09	--	--	140	<0.5	<0.5	<0.5	1.3	--	--
10/24/94	10.82	4.58	6.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	10.82	5.56	5.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	10.82	4.57	6.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	10.82	INACCESSIBLE		--	--	--	--	--	--	--	--	--
10/10/96	10.82	4.72	6.10	--	--	<50	<0.5	<0.5	<0.5	0.6	34/<5.0 <sup>8</sup>	--
04/22/97	10.82	5.32	5.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	10.82	5.74	5.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	34	--
05/04/98	10.82	5.81	5.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	-- <sup>4</sup>	--
10/27/98	10.82	5.30	5.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/15/99	10.82	6.27	4.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	9.45	--
11/04/99	10.82	4.61	6.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	21	--
NOT MONITORED/SAMPLED												
<b>MW-11</b>												
07/07/88	11.38	--	--	--	--	--	<5.0	--	--	--	--	--
04/14/89	11.38	--	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	<3,000	--
07/31/89	11.38	--	--	--	--	<100	<0.2	<0.2	<0.2	<0.2	--	--
12/08/89	11.38	--	--	--	--	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	11.38	6.56	4.82	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	11.38	6.24	5.14	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	11.38	5.27	6.11	--	--	--	--	--	--	--	--	--
09/21/90	11.38	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	11.38	6.22	5.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	11.38	3.55	7.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	11.38	5.06	6.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	11.38	5.71	5.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	11.38	5.55	5.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	11.38	7.29	4.09	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	11.38	5.19	6.19	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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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)	TOG (ppb)
<b>MW-11 (cont)</b>												
10/28/92	11.38	4.87	6.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/93	11.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
01/05/94	11.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/13/94	11.38	5.71	5.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	11.38	4.59	6.79	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	11.38	5.69	5.69	--	--	58 <sup>2</sup>	0.6	<0.5	<0.5	0.5	--	--
11/06/95	11.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/26/96	11.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
10/10/96	11.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/22/97	11.38	5.44	5.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	11.38	5.90	5.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	18	--
05/04/98	11.38	5.86	5.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	-- <sup>4</sup>	--
10/27/98	11.38	5.23	6.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	12/<2.0 <sup>7</sup>	--
04/15/99	11.38	6.38	5.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
11/04/99	11.38	4.69	6.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	9.88	--
NOT MONITORED/SAMPLED												
<b>MW-12</b>												
07/07/88	13.03	--	--	--	--	<100	<5.0	--	--	--	--	--
04/14/89	13.03	--	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
07/31/89	13.03	--	--	--	--	<100	<0.1	<0.5	<0.1	<0.2	--	--
12/08/89	13.03	--	--	--	--	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	13.03	6.27	6.76	--	--	<50	<0.3	<0.3	<0.3	<0.3	--	--
06/19/90	13.03	6.41	6.62	--	--	<50	<0.3	<0.3	<0.3	<0.3	--	--
09/20/90	13.03	8.03	5.00	--	--	--	--	--	--	--	--	--
09/21/90	13.03	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.3	--	--
12/28/90	13.03	6.41	6.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	13.03	6.55	6.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	13.03	5.02	8.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	13.03	5.08	7.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>MW-12 (cont)</b>												
01/29/92	13.03	5.35	7.68	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--
03/26/92	13.03	6.43	6.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	13.03	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED												
<b>MW-13</b>												
03/21/90	11.15	7.07	4.08	--	--	480	<0.3	<0.3	1.0	5.0	--	--
06/19/90	11.15	6.81	4.34	--	--	180	<0.3	<0.3	0.8	3.0	--	--
09/20/90	11.15	5.84	5.31	--	--	150	<0.3	<0.3	<0.3	0.54	--	--
12/28/90	11.15	6.36	4.79	--	--	160	<0.5	<0.5	<0.5	1.0	--	--
05/10/91	11.15	6.95	4.20	--	--	110	<0.5	<0.5	<0.5	2.0	--	--
08/08/91 <sup>3</sup>	11.15	6.02	5.13	--	--	220	<0.5	<0.5	<0.5	1.8	--	--
11/27/91	11.15	6.43	4.72	--	--	70	<0.5	<0.5	<0.5	1.2	--	--
01/29/92	11.15	6.46	4.69	--	--	150	<0.5	<0.5	3.1	7.1	--	--
03/26/92	11.15	7.11	4.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	11.15	6.03	5.12	--	--	190	<0.5	<0.5	<0.5	2.1	--	--
10/28/92	11.15	5.85	5.30	--	--	190	<0.5	<0.5	<0.5	2.0	--	--
05/04/93	11.15	INACCESSIBLE		--	--	--	--	--	--	--	--	--
01/05/94	11.15	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/13/94	11.15	5.87	5.28	--	--	220	<0.5	1.2	<0.5	1.7	--	--
10/24/94	11.15	5.11	6.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	11.15	5.78	5.37	--	--	140 <sup>2</sup>	<0.5	<0.5	<0.5	1.2	--	--
11/06/95	11.15	5.02	6.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	11.15	5.93	5.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	11.15	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/22/97	11.15	5.69	5.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	11.15	5.98	5.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	11.15	5.94	5.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

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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)	TOG (ppb)
<b>MW-13 (cont)</b>												
10/27/98	11.15	5.44	5.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/15/99	11.15	INACCESSIBLE		--	--	--	--	--	--	--	--	--
11/04/99	11.15	5.09	6.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
NOT MONITORED/SAMPLED												
<b>MW-14</b>												
03/21/90	9.78	8.87	0.91	--	--	170	<0.3	<0.3	<0.4	2.0	--	--
06/19/90	9.78	8.75	1.03	--	--	77	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	9.78	7.25	2.53	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	9.78	8.17	1.61	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	9.78	8.56	1.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	9.78	7.33	2.45	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	9.78	7.19	2.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	9.78	8.68	1.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	9.78	9.04	0.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	9.78	7.48	2.30	--	--	<50	0.6	<0.5	<0.5	0.8	--	--
10/28/92	9.78	7.02	2.76	--	--	56	0.7	4.0	0.8	3.8	--	--
ABANDONED												
<b>MW-15</b>												
03/21/90	11.01	6.29	4.72	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	11.01	6.23	4.78	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	11.01	6.03	4.98	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	11.01	6.17	4.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	11.01	6.43	4.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	11.01	5.98	5.03	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	11.01	5.13	5.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	11.01	6.19	4.82	--	--	<50	1.9	2.6	0.8	2.6	--	--
03/26/92	11.01	6.66	4.35	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	11.01	5.97	5.04	--	--	<50	<0.5	<0.5	<0.5	0.5	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, 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)	TOG (ppb)
<b>MW-15 (cont)</b>												
10/28/92	11.01	5.84	5.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/93	11.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--
01/05/94	11.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/13/94	11.01	6.51	4.50	--	--	110	<0.5	0.7	<0.5	2.0	--	--
10/24/94	11.01	5.84	5.17	--	--	<50	2.3	1.1	<0.5	<0.5	--	--
04/19/95	11.01	6.24	4.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	11.01	5.73	5.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	11.01	6.41	4.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	11.01	5.79	5.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/22/97	11.01	6.16	4.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	11.01	6.19	4.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	11.01	7.02	3.99	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	11.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/15/99	11.01	5.26	5.75	--	--	--	--	--	--	--	--	--
11/04/99	11.01	4.83	6.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/13/00	11.01	4.09	6.92	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
10/06/00	11.01	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION										
04/23/01	11.01	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION										
10/04/01	11.01	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION										
04/01/02	11.01	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION										
10/19/02	11.01	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION										
04/16/03	11.01	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION										
10/29/03	11.01	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION										
<b>UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION</b>												
<b>MW-16</b>												
03/21/90	11.11	5.27	5.84	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	11.11	5.21	5.90	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	11.11	4.75	6.36	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	11.11	5.13	5.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	11.11	5.22	5.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--



**Table 1**  
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Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, 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)	TOG (ppb)
<b>MW-16 (cont)</b>												
08/08/91	11.11	4.83	6.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	11.11	5.49	5.62	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	11.11	5.23	5.88	--	--	65	3.6	6.2	1.9	6.6	--	--
03/26/92	11.11	5.55	5.56	--	--	270	21	27	9.5	41	--	--
07/23/92	11.11	4.82	6.29	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--
10/28/92	11.11	4.82	6.29	--	--	<50	0.9	1.4	<0.5	1.1	--	--
05/04/93	11.11	5.36	5.75	--	--	51	<0.5	1.0	0.6	1.7	--	--
01/05/94	11.11	INACCESSIBLE		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED												
<b>MW-17</b>												
03/21/90	10.41	4.80	5.61	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	10.41	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	10.41	4.39	6.02	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	10.41	4.68	5.73	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	10.41	4.76	5.65	--	--	<50	<0.5	<0.5	<0.5	0.8	--	--
08/08/91	10.41	4.47	5.94	--	--	82	1.9	2.5	0.9	5.4	--	--
11/27/91	10.41	4.41	6.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	10.41	4.80	5.61	--	--	<50	<0.5	0.9	<0.5	0.5	--	--
03/26/92	10.41	5.10	5.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	10.41	4.44	5.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	10.41	4.45	5.96	--	--	78	1.0	7.1	1.4	6.5	--	--
05/04/93	10.41	2.88	7.53	--	--	60	0.8	1.7	1.1	3.0	--	--
01/05/94	10.41	4.91	5.50	--	--	<50	<0.5	0.7	<0.5	<0.5	--	--
05/13/94	10.41	5.24	5.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	10.41	4.33	6.08	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	10.41	4.93	5.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	10.41	4.41	6.00	--	--	<50	<0.5	<0.5	<0.5	<5.0	--	--
04/26/96	10.41	4.96	5.45	--	--	<50	<0.5	<0.5	<0.5	<5.0	--	--
10/10/96	10.41	4.69	5.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/22/97	10.41	5.03	5.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

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Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, 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)	TOG (ppb)
<b>MW-17 (cont)</b>												
10/16/97	10.41	5.05	5.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	10.41	5.13	5.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	10.41	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/15/99	10.41	INACCESSIBLE		--	--	--	--	--	--	--	--	--
11/04/99	10.41	4.69	5.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/13/00	10.41	5.33	5.08	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
10/05/00	10.41	4.80	5.61	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
04/23/01	10.41	5.13	5.28	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
10/04/01	10.41	4.53	5.88	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
04/01/02	10.41	5.15	5.26	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
10/19/02	10.41	4.62	5.79	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
04/16/03	10.41	5.33	5.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
10/29/03 <sup>12</sup>	10.41	4.62	5.79	0.00	0.00	<50	<0.5	<0.5	<0.5	<1	<0.5	--
04/01/04 <sup>12</sup>	10.41	5.16	5.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<1	<0.5	--
<b>MW-18</b>												
03/21/90	9.80	4.65	5.15	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	9.80	4.61	5.19	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/20/90	9.80	4.26	5.54	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	9.80	4.54	5.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/10/91	9.80	4.62	5.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	9.80	4.35	5.45	--	--	52	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	9.80	4.56	5.24	--	--	<50	0.6	1.5	0.6	2.1	--	--
01/29/92	9.80	4.68	5.12	--	--	67	3.7	5.2	1.5	5.0	--	--
03/26/92	9.80	4.96	4.84	--	--	80	<0.5	<0.5	<0.5	0.8	--	--
07/23/92	9.80	4.31	5.49	--	--	50	1.3	2.1	0.5	3.0	--	--
10/28/92	9.80	4.33	5.47	--	--	54	<0.5	1.3	<0.5	1.1	--	--
05/04/93	9.80	4.73	5.07	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
01/05/94	9.80	4.75	5.05	--	--	<50	<0.5	0.5	<0.5	0.6	--	--
05/13/94	9.80	5.04	4.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	9.80	4.15	5.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

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Emeryville, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)	
					REMOVED (gallons)	TPH-G (ppb)							
<b>MW-18 (cont)</b>													
04/19/95	9.80	4.70	5.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
11/06/95	9.80	4.23	5.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
04/26/96	9.80	4.73	5.07	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
10/10/96	9.80	INACCESSIBLE		--	--	--	--	--	--	--	--	--	
04/22/97	9.80	4.77	5.03	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
10/16/97	9.80	3.82	5.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
05/04/98	9.80	4.89	4.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	-- <sup>4</sup>	
10/27/98	9.80	4.70	5.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
04/15/99	9.80	5.05	4.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	
11/04/99	9.80	4.43	5.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	
04/13/00	9.80	5.16	4.64	0.00	0.00	INACCESSIBLE <sup>6</sup>	--	--	--	--	--	--	
10/05/00	9.80	4.55	5.25	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	
04/23/01	9.80	4.89	4.91	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	
10/04/01	9.80	4.33	5.47	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	
04/01/02	9.80	4.89	4.91	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	
10/19/02	9.80	4.42	5.38	0.00	0.00	<50	<0.50	<0.50	<0.50	1.6	<2.5	--	
04/16/03	9.80	5.12	4.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	
10/29/03 <sup>12</sup>	9.80	4.42	5.38	0.00	0.00	<50	<0.5	1	<0.5	0.7	1	--	
04/01/04	9.80	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
<b>MW-19</b>													
03/21/90	8.45	3.45	5.00	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	
06/19/90	8.45	3.39	5.06	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	
09/20/90	8.45	3.20	5.25	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	
12/28/90	8.45	3.38	5.07	--	--	66	<0.5	<0.5	<0.5	<0.5	--	--	
05/10/91 <sup>3</sup>	8.45	3.43	5.02	--	--	60	<0.5	<0.5	<0.5	<0.5	--	--	
08/08/91	8.45	3.28	5.17	--	--	58	<0.5	<0.5	<0.5	<0.5	--	--	
11/27/91	8.45	3.39	5.06	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	
01/29/92	8.45	3.52	4.93	--	--	<50	1.7	2.6	0.7	2.1	--	--	
03/26/92	8.45	3.66	4.79	--	--	80	<0.5	<0.5	<0.5	<0.5	--	--	
07/23/92	8.45	3.23	5.22	--	--	70	0.6	0.5	<0.5	1.5	--	--	

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Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
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WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
<b>MW-19 (cont)</b>												
10/28/92	8.45	3.29	5.16	--	--	170	4.3	28	5.1	24	--	--
05/04/93	8.45	3.52	4.93	--	--	120	2.0	4.7	2.8	8.1	--	--
01/05/94	8.45	3.54	4.91	--	--	<50	2.0	1.4	1.7	2.5	--	--
05/13/94	8.45	4.27	4.18	--	--	<50	<0.5	0.9	<0.5	<0.5	--	--
10/24/94	8.45	3.60	4.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/19/95	8.45	4.25	4.20	--	--	270 <sup>2</sup>	<0.5	<0.5	<0.5	<0.5	--	--
ABANDONED												
<b>MW-19A</b>												
11/06/95	9.96	5.11	4.85	--	--	420	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	9.96	5.78	4.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	9.96	5.40	4.56	--	--	610 <sup>2</sup>	<0.5	<0.5	<0.5	<0.5	21	--
04/22/97	9.96	5.79	4.17	--	--	43 <sup>2</sup>	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	9.96	5.83	4.13	--	--	380	<0.5	<0.5	<0.5	<0.5	22	--
05/04/98	9.96	5.93	4.03	--	--	200 <sup>2</sup>	<0.5	<0.5	<0.5	<0.5	--	--
05/04/98	9.96	5.93	4.03	--	--	--	--	--	--	--	<2.0	--
10/27/98	9.96	5.75	4.21	--	--	170 <sup>2</sup>	<0.5	<0.5	<0.5	<0.5	12/<2.0 <sup>7</sup>	--
04/15/99	9.96	INACCESSIBLE		--	--	--	--	--	--	--	--	--
11/04/99	9.96	5.45	4.51	--	--	290	<0.5	<0.5	<0.5	<0.5	26.8/<0.5 <sup>5,7</sup>	--
04/13/00	9.96	6.81	3.15	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
10/05/00	9.96	5.51	4.45	0.00	0.00	130 <sup>10</sup>	<0.50	<0.50	<0.50	<0.50	26/<2.0 <sup>9</sup>	--
04/23/01	9.96	5.89	4.07	0.00	0.00	100 <sup>10</sup>	<0.50	<0.50	<0.50	<0.50	3.4/<2.0 <sup>11</sup>	--
10/04/01	9.96	5.28	4.68	0.00	0.00	380	<0.50	<0.50	<0.50	<1.5	<2.5	--
04/01/02	9.96	5.82	4.14	0.00	0.00	310	<0.50	<0.50	<0.50	<1.5	<2.5	--
10/19/02	9.96	5.36	4.60	0.00	0.00	300	<0.50	<0.50	<0.50	<1.5	<2.5	--
04/16/03	9.96	6.25	3.71	0.00	0.00	280	<0.5	<0.5	<0.5	<1.5	<2.5	--
10/29/03 <sup>12</sup>	9.96	5.36	4.60	0.00	0.00	330	<0.5	<0.5	<0.5	<1	<0.5	--
04/01/04 <sup>12</sup>	9.96	5.91	4.05	0.00	0.00	260	<0.5	<0.5	<0.5	<1	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, 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)	TOG (ppb)
<b>BAILER BLANK</b>												
05/10/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
01/05/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
<b>TRIP BLANK</b>												
04/14/89	--	--	--	--	--	<50	<0.5	<1.0	<1.0	<1.0	--	--
07/31/89	--	--	--	--	--	<50	<0.1	<0.5	<0.5	<0.2	--	--
12/08/89	--	--	--	--	--	--	<0.3	<0.3	<0.3	<0.6	--	--
03/21/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
03/26/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
06/19/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
09/21/90	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
12/28/90	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.6	--	--
05/10/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/08/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/27/91	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/29/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/26/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/23/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/28/92	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
01/05/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/24/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, 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)	TOG (ppb)
<b>TRIP BLANK (cont)</b>												
04/19/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/06/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/26/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/10/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/22/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
10/16/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
05/04/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/15/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
04/13/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
10/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
04/23/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
10/04/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
04/01/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
<b>QA</b>												
10/19/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
04/16/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
10/29/03 <sup>12</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
04/01/04 <sup>12</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
 Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
 Powell @ Landregan  
 Emeryville, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory results prior to April 13, 2000, were compiled from reports prepared by Blaine Tech. Services, Inc.

TOC = Top of Casing	TPH-G = Total Petroleum Hydrocarbons as Gasoline	(ppb) = Parts per billion
(ft.) = Feet	B = Benzene	-- = Not Measured/Not Analyzed
GWE = Groundwater Elevation	T = Toluene	ND = Not Detected
(msl) = Mean sea level	E = Ethylbenzene	QA = Quality Assurance/Trip Blank
DTW = Depth to Water	X = Xylenes	
SPHT = Separate Phase Hydrocarbon Thickness	MTBE = Methyl tertiary butyl ether	
SPH = Separate Phase Hydrocarbons	TOG = Total Oil and Grease	

- 1 TPH was reported as Diesel #2.
- 2 Chromatogram pattern indicates an unidentified hydrocarbon.
- 3 Monitoring well was destroyed during soil excavation in 1989.
- 4 Sample has chlorinated hydrocarbon pattern, needs GCMS confirmation of MTBE.
- 5 Sample was analyzed outside the EPA recommended holding time.
- 6 Unable to sample due to car parked over the well.
- 7 Confirmation run.
- 8 MTBE by EPA Method 8240.
- 9 MTBE by EPA Method 8260.
- 10 Laboratory report indicates discrete peaks.
- 11 MTBE by EPA Method 8260 was analyzed outside the EPA recommended holding time.
- 12 BTEX and MTBE by EPA Method 8260.

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	1,1,2-DCE (ppb)	1,2,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-1</b>											
04/14/89	<5.0	--	19	720	<5.0	<5.0	11	<5.0	<20	340	ND <sup>1</sup>
07/31/89	6.8	--	54	2,600	2.7	7.2	57	<0.2	<1.0	760	ND <sup>2</sup>
12/08/89	4.3	2,700	--	--	1.7	1.4	59	<0.5	<0.5	520	--
03/21/90	7.1	7,000	--	--	2.1	1.1	130	<0.5	<0.5	1,100	--
06/19/90	12	6,100	--	--	3.1	<0.5	81	<0.5	<0.5	1,200	--
09/21/90	1.8	2,400	--	--	2.2	1.7	60	<0.5	<0.5	1,100	ND <sup>3</sup>
12/28/90	2.0	--	28	1,500	1.0	0.6	15	<0.5	<0.5	510	ND <sup>4</sup>
05/10/91	10	--	69	5,500	2.0	<0.5	280	<0.5	<0.5	1,800	ND <sup>5</sup>
08/08/91	2.9	--	45	2,300	1.5	<0.5	110	<0.5	<0.5	<1.0	ND <sup>6</sup>
11/27/91	<25	--	<25	5,900	<25	<25	<25	<25	<25	540	<25
01/29/92	<25	--	26	1,900	<25	<25	<25	<25	<25	320	<25
03/26/92	<50	--	<50	1,500	<50	<50	<50	<50	<50	260	<50
07/23/92	<50	--	<50	2,300	<50	<50	<50	<50	<50	170	<50
10/28/92	4.2	--	30	1,600	3.6	<0.5	16	<0.5	<0.5	810	ND
05/04/93	1.0	--	16	670	0.5	<0.5	9.2	<0.5	<0.5	110	<0.5
01/05/94	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/13/94	PAVED OVER		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
<b>MW-2</b>											
04/14/89	<0.2	<0.2	--	--	<0.2	<0.2	<0.2	<0.2	<1.0	<0.2	--
07/31/89	<0.2	<0.2	--	--	<0.4	0.5	<0.2	<0.2	<1.0	<0.2	--
12/08/89	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
03/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND



**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	1,1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-2 (cont)</b>											
07/23/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
01/05/94	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
05/13/94	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
10/24/94	DRY	--	--	--	--	--	--	--	--	--	--
ABANDONED											
<b>MW-2A</b>											
11/06/95	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
04/26/96	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<0.5-<5.0
10/10/96	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
04/22/97	<2.5	--	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<4.0	ND
10/16/97	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	ND
05/04/98	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/27/98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
04/15/99	<1.25	--	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<2.50	ND
11/04/99	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
NOT MONITORED/SAMPLED											
<b>MW-3</b>											
04/14/89	<0.2	<0.2	--	--	<0.2	<0.2	<0.2	<0.2	<1.0	<0.2	--
07/31/89	<0.2	<0.2	--	--	<0.4	0.5	<0.2	<0.2	<1.0	<0.2	--
12/08/89	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
03/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-3 (cont)</b>											
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	INACCESSIBLE		--	--	--	--	--	--	--	--	--
01/05/94	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/13/94	INACCESSIBLE		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
<b>MW-4</b>											
04/14/89	<1.0	<1.0	--	--	2.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
NOT MONITORED/SAMPLED											
<b>MW-5</b>											
04/14/89	<1.0	<1.0	--	--	2.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
NOT MONITORED/SAMPLED											
<b>MW-6</b>											
04/14/89	<1.0	<1.0	--	--	2.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
NOT MONITORED/SAMPLED											
<b>MW-7</b>											
04/14/89	<1.0	<1.0	--	--	1.0	1.0	<1.0	<1.0	<2.0	<1.0	--
07/31/89	<0.1	0.3	--	--	0.3	4.5	<0.1	<0.1	<0.5	<0.1	ND <sup>7</sup>
07/31/89	<0.1	0.4	--	--	0.2	2.6	<0.1	<0.1	<0.5	<0.1	ND <sup>7</sup>
12/08/89	<0.2	<0.5	--	--	<0.5	0.67	<0.5	<0.5	<0.5	<1.0	--
03/21/90	<0.2	<0.5	--	--	<0.5	1.4	<0.5	<0.5	<0.5	<1.0	--
06/19/90	<0.2	<0.5	--	--	<0.5	0.67	<0.5	<0.5	<0.5	<1.0	--
09/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	c-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
MW-7 (cont)											
12/28/90	<0.5	--	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<0.5	<1.0	--
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
07/23/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/28/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	INACCESSIBLE		--	--	--	--	--	--	--	--	--
01/05/94	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/13/94	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
10/24/94	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
04/19/95	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/06/95	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
04/26/96	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<0.5-<5.0
10/10/96	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
04/22/97	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
10/16/97	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	ND
05/04/98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/27/98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
04/15/99	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/04/99	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
04/13/00	INACCESSIBLE		--	--	--	--	--	--	--	--	--
10/05/00	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION					--	--	--	--	--	--
04/23/01	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION					--	--	--	--	--	--
10/04/01	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION					--	--	--	--	--	--
04/01/02	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION					--	--	--	--	--	--
10/19/02	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION					--	--	--	--	--	--
04/16/03	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION					--	--	--	--	--	--
10/29/03	UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION					--	--	--	--	--	--
UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION											

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-8</b>											
04/14/89	<1.0	<1.0	--	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
07/31/89	<0.1	--	0.6	1.9	1.7	1.7	0.4	<0.1	<0.5	1.2	ND
12/08/89	<0.2	0.53	--	--	<0.5	0.84	<0.5	<0.5	<0.5	<1.0	--
03/21/90	<0.2	0.96	--	--	<0.5	0.72	<0.5	<0.5	<0.5	<1.0	--
06/19/90	<0.2	0.59	--	--	<0.5	0.67	<0.5	<0.5	<0.5	<1.0	--
09/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	<0.5	--	<0.5	<0.5	<0.5	2.0	<0.5	<0.5	<0.5	<1.0	--
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/04/93	INACCESSIBLE		--	--	--	--	--	--	--	--	--
01/05/94	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/13/94	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
10/24/94	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/19/95	INACCESSIBLE		--	--	--	--	--	--	--	--	--
11/06/95	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/26/96	INACCESSIBLE		--	--	--	--	--	--	--	--	--
10/10/96	INACCESSIBLE		--	--	--	--	--	--	--	--	--
04/22/97	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
10/16/97	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	ND
05/04/98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/27/98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
04/15/99	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/04/99	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
NOT MONITORED/SAMPLED											

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	1,1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-9</b>											
05/10/91	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
<b>MW-10</b>											
04/14/89	<1.0	15	--	--	2.0	<1.0	5.0	<1.0	<2.0	<1.0	--
07/31/89	0.7	--	6.3	27	2.9	<0.1	5.3	<0.1	<0.5	<0.1	ND
12/08/89	<0.2	24	--	--	3.1	<0.5	4.9	<0.5	0.6	<1.0	--
03/21/90	0.7	30	--	--	2.5	<0.5	3.5	<0.5	<0.5	<1.0	--
06/19/90	0.3	33	--	--	2.6	<0.5	6.3	<0.5	<0.5	<1.0	--
09/21/90	<0.2	32	--	--	5.0	<0.5	5.9	<0.5	<0.5	<1.0	--
12/28/90	<0.5	--	6.0	19	2.0	<0.5	5.0	<0.5	<0.5	<1.0	--
05/10/91	0.6	--	7.0	24	2.0	<0.5	6.0	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	7.0	33	3.1	<0.5	6.2	<0.5	<0.5	<1.0	ND
11/27/91	<0.5	--	6.8	100	<0.5	<0.5	8.5	<0.5	<0.5	<1.0	ND
01/29/92	<0.5	--	9.1	30	2.8	<0.5	7.4	<0.5	<0.5	<1.0	ND
03/26/92	0.7	--	9.2	29	2.5	<0.5	6.8	<0.5	<0.5	<1.0	ND
07/23/92	<0.5	--	6.1	21	1.5	<0.5	4.7	<0.5	<0.5	<0.5	<0.5
10/28/92	<0.5	--	4.3	16	2.1	<0.5	4.1	<0.5	<0.5	<1.0	ND
05/04/93	INACCESSIBLE		--	--	--	--	--	--	--	--	--
01/05/94	<0.5	--	1.3	5.2	0.5	1.0	0.8	<0.5	<0.5	<1.0	<0.5
05/13/94	<0.5	--	12	31	2.7	<0.5	4.8	<0.5	<0.5	<0.5	<0.5-<1.0
10/24/94	<10	--	13	44	<10	<10	<10	<10	<10	<10	<10-<20
04/19/95	0.7	--	14	36	<0.5	<0.5	9.2	<0.5	<0.5	<0.5	<0.5
11/06/95	1.0	--	19	41	1.4	<1.0	14	<1.0	<1.0	<1.0	ND
04/26/96	INACCESSIBLE		--	--	--	--	--	--	--	--	--
10/10/96	0.7	--	17	38	0.8	<0.5	14	<0.5	<0.5	<0.8	ND
04/22/97	<0.5	--	12	27	0.5	<0.5	13	<0.5	<0.5	<0.8	ND
10/16/97	<1.0	--	11	23	<1.0	<1.0	<10	<1.0	<1.0	0.7	ND
05/04/98	<0.5	--	6.5	16	<0.5	<0.5	7.6	<0.5	<0.5	<1.0	ND

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-10 (cont)</b>											
10/27/98	<0.5	--	7.7	18	0.54	<0.5	9.6	<0.5	<0.5	<1.0	ND
04/15/99	<0.5	--	8.32	19.1	0.603	<0.5	11.3	<0.5	<0.5	<1.0	ND
11/04/99	<0.5	--	5.17	13.8	<0.5	<0.5	8.23	<0.5	<0.5	<0.5	ND
NOT MONITORED/SAMPLED											
<b>MW-11</b>											
04/14/89	<1.0	120	--	--	<1.0	<1.0	4.0	<1.0	<2.0	10	--
07/31/89	0.9	--	40	110	2.2	1.4	2.9	<0.2	<0.2	<0.2	ND
12/08/89	0.5	120	--	--	2.1	1.2	4.1	<0.5	<0.5	2.4	--
03/21/90	1.3	150	--	--	1.2	1.7	3.5	<0.5	<0.5	4.3	ND <sup>8</sup>
06/19/90	0.068	140	--	--	1.3	<0.5	5.0	<0.5	<0.5	1.0	--
09/21/90	<0.2	100	--	--	1.1	<0.5	3.8	<0.5	<0.5	<1.0	--
12/28/90	<0.5	--	23	43	0.9	0.7	3.0	<0.5	<0.5	<1.0	--
05/10/91	0.9	--	44	110	0.5	<0.5	5.0	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	29	77	0.9	<0.5	2.4	<0.5	<0.5	<1.0	ND
11/27/91	<0.5	--	34	240	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	<5.0	--	33	91	<5.0	<5.0	<5.0	<5.0	<5.0	<10	ND
03/26/92	<2.5	--	21	51	<2.5	<2.5	<2.5	<2.5	<2.5	<5.0	ND
07/23/92	<0.5	--	18	46	0.6	<0.5	1.4	<0.5	<0.5	<0.5	<0.5
10/28/92	0.5	--	36	80	<0.5	<0.5	4.6	<0.5	<0.5	<1.0	ND
05/04/93	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
01/05/94	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
05/13/94	<0.5	--	62	82	<0.5	<0.5	7.9	<0.5	<0.5	1.7	<0.5-<1.0
10/24/94	<10	--	28	75	<10	<10	<10	<10	<10	<10	<10-<20
04/19/95	<0.5	--	18	39	<0.5	<0.5	6.5	<0.5	1.0	<0.5	ND <sup>9</sup>
11/06/95	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
04/26/96	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
10/10/96	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
04/22/97	<0.5	--	4.7	12	<0.5	<0.5	3.0	<0.5	<0.5	<0.8	ND
10/16/97	<1.0	--	5.1	24	<1.0	<1.0	<10	<1.0	<1.0	3.7	ND
05/04/98	<0.5	--	4.2	12	<0.5	<0.5	2.8	<0.5	<0.5	<1.0	ND

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	trans-1,2-DCE (ppb)	cis-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-11 (cont)</b>											
10/27/98	<0.5	--	2.7	8.3	<0.5	<0.5	1.8	<0.5	<0.5	<1.0	ND
04/15/99	<0.5	--	3.29	10.1	<0.5	<0.5	2.87	<0.5	<0.5	<1.0	ND
11/04/99	<0.5	--	2.29	7.36	<0.5	<0.5	2.19	<0.5	<0.5	<0.5	ND
NOT MONITORED/SAMPLED											
<b>MW-12</b>											
04/14/89	<1.0	1.0	--	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
07/31/89	<0.1	1.7	--	--	<0.1	<0.1	0.8	<0.1	<0.5	<0.1	ND
12/08/89	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
03/21/90	<0.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	<0.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/21/90	<0.2	<0.5	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	<1.0	ND
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
<b>MW-13</b>											
03/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/20/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND <sup>10</sup>
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-13 (cont)</b>											
07/23/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
01/05/94	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
05/13/94	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
10/24/94	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0
04/19/95	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
11/06/95	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
04/26/96	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<0.5-<5.0
10/10/96	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--
04/22/97	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND
10/16/97	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	ND
05/04/98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
10/27/98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/04/99	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
NOT MONITORED/SAMPLED											
<b>MW-14</b>											
03/21/90	<2.0	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	<2.0	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/20/90	<2.0	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
ABANDONED											



**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	1,1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)	
<b>MW-15</b>												
03/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--	
06/19/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--	
09/20/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--	
12/28/90	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND <sup>11</sup>	
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND	
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND	
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND	
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND	
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
07/23/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND	
10/28/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND	
05/04/93	INACCESSIBLE		--	--	--	--	--	--	--	--	--	
01/05/94	INACCESSIBLE		--	--	--	--	--	--	--	--	--	
05/13/94	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5-<1.0	
10/24/94	<0.5	--	<0.5	<0.5	<0.5	<0.5	3.1	<0.5	3.8	<0.5	<0.5-<1.0	
04/19/95	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
11/06/95	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND	
04/26/96	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<0.5-<5.0	
10/10/96	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND	
04/22/97	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	ND	
10/16/97	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.5	ND	
05/04/98	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND	
11/04/99	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
04/13/00	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	-- <sup>21</sup>	
10/06/00	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION						--	--	--	--	--	--
04/23/01	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION						--	--	--	--	--	--
10/04/01	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION						--	--	--	--	--	--
04/01/02	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION						--	--	--	--	--	--
10/19/02	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION						--	--	--	--	--	--
04/16/03	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION						--	--	--	--	--	--
10/29/03	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION						--	--	--	--	--	--
	UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION											

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-16</b>											
03/21/90	<0.2	0.8	--	--	<0.5	<0.5	27	8.0	2.0	<1.0	--
06/19/90	<0.2	<0.5	--	--	<0.5	<0.5	35	7.0	2.0	<1.0	--
09/20/90	<0.2	0.9	--	--	<0.5	<0.5	49	15	4.1	<1.0	--
12/28/90	<0.5	--	<0.5	<0.5	<0.5	<0.5	29	18	4.0	<1.0	ND <sup>12</sup>
05/10/91	<0.5	--	<0.5	0.5	<0.5	<0.5	32	10	4.0	<1.0	ND
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	35	13	1.9	<1.0	ND
11/27/91	<0.5	--	<0.5	1.3	<0.5	<0.5	47	12	1.8	<1.0	ND <sup>13</sup>
01/29/92	<0.5	--	<0.5	0.9	<0.5	<0.5	31	11	1.8	<1.0	ND
03/26/92	<0.8	--	<0.8	<0.8	<0.8	<0.8	24	8.5	1.7	<1.7	<0.8-<1.7
07/23/92	<0.5	--	<0.5	0.9	<0.5	<0.5	37	12	1.0	<0.5	<0.5
10/28/92	<0.5	--	<0.5	1.7	<0.5	<0.5	39	14	1.1	<1.0	ND
05/04/93	<0.5	--	<0.5	<0.5	<0.5	<0.5	32	10	1.1	<1.0	<0.5
01/05/94	INACCESSIBLE		--	--	--	--	--	--	--	--	--
05/13/94	PAVED OVER		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
<b>MW-17</b>											
03/21/90	<0.2	5.2	--	--	0.7	1.3	32	11	1.1	<1.0	--
06/19/90	<0.2	3.1	--	--	<0.5	1.0	38	13	1.2	<1.0	--
09/20/90	<0.2	2.4	--	--	<0.5	1.4	44	16	2.8	<1.0	--
12/28/90	<0.5	--	<0.5	2.0	<0.5	0.6	34	15	2.0	<1.0	--
05/10/91	<0.5	--	<0.5	3.0	<0.5	0.6	37	14	1.0	<1.0	ND
08/08/91	<0.5	--	<0.5	2.5	<0.5	<0.5	69	15	0.9	<1.0	ND
11/27/91	<0.5	--	<0.5	13	<0.5	<0.5	59	14	2.4	<1.0	ND
01/29/92	<0.5	--	<0.5	2.9	<0.5	0.8	35	15	1.1	<1.0	ND
03/26/92	<0.5	--	<0.5	1.5	<0.5	0.7	41	12	0.6	<1.0	ND
07/23/92	<0.5	--	<0.5	1.1	<0.5	<0.5	31	14	0.8	<0.5	<0.5
10/28/92	<0.5	--	<0.5	1.6	<0.5	<0.5	42	11	0.8	<1.0	ND
05/04/93	<0.5	--	<0.5	1.1	<0.5	<0.5	26	12	0.6	<1.0	<0.5
01/05/94	<0.5	--	<0.5	1.1	<0.5	<0.5	25	13	0.8	<1.0	<0.5
05/13/94	<0.5	--	<0.5	1.0	<0.5	0.6	23	13	<0.5	<0.5	<0.5-<1.0
10/24/94	<0.5	--	<0.5	1.4	<0.5	<0.5	26	13	<0.5	<0.5	<0.5-<1.0

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	c-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-17 (cont)</b>											
04/19/95	<0.5	--	<0.5	0.9	<0.5	1.1	21	12	1.2	<0.5	<0.5
11/06/95	<1.0	--	<1.0	1.1	<1.0	<1.0	29	13	<1.0	<1.0	ND
04/26/96	<0.5	--	<0.5	0.8	<0.5	1.2	24	11	0.6	<0.8	<0.5-<5.0
10/10/96	<0.5	--	<0.5	1.5	<0.5	0.9	31	15	0.6	<0.8	ND
04/22/97	<0.5	--	<0.5	1.2	<0.5	1.7	21	11	<0.5	<0.8	ND
10/16/97	<1.0	--	<1.0	1.1	<1.0	1.2	21	7.9	<1.0	<0.5	ND
05/04/98	<0.5	--	<0.5	1.4	<0.5	2.1	20	11	0.58	<1.0	ND
11/04/99	<0.5	--	<0.5	<0.5	<0.5	<0.5	15.4	7.75	<0.5	<0.5	ND
04/13/00	<1.0	--	<1.0	<1.0	<1.0	<1.0	14	8.7	<1.0	<1.0	-- <sup>21</sup>
10/05/00	<1.0	--	<1.0	<1.0	<1.0	<1.0	18	11	<1.0	<1.0	-- <sup>21</sup>
04/23/01	<1.0	--	<1.0	<1.0	<1.0	<1.0	10	5.7	<1.0	<1.0	-- <sup>21</sup>
10/04/01	<1	--	<1	<1	<1	<1	14	8	<1	<1	-- <sup>21</sup>
04/01/02	<1	--	<1	<1	<1	<1	10	6	<1	<1	-- <sup>21</sup>
10/19/02	<1	--	<1	<1	<1	<1	15	8	<1	<1	<1-<2.0
04/16/03	<0.8	--	<0.8	<0.8	<1	<0.8	11	7	<0.8	<1	<0.8-<2
10/29/03	<0.8	--	<0.8	<0.8	<1	<0.8	15	9	<0.8	<1	<0.5-<2
04/01/04	<0.8	--	<0.8	<0.8	<1	<0.8	12	8	<0.8	<1	<0.5-<2
<b>MW-18</b>											
03/21/90	<0.2	1.7	--	--	<0.5	2.4	33	20	0.9	<1.0	--
06/19/90	<0.2	2.7	--	--	<0.5	0.9	63	20	0.73	<1.0	--
09/20/90	<0.2	3.3	--	--	<0.5	1.6	76	25	1.7	<1.0	--
12/28/90	<0.5	--	<0.5	2.0	<0.5	0.8	44	21	1.0	<1.0	--
05/10/91	<0.5	--	<0.5	2.0	<0.5	0.7	47	20	2.0	<1.0	ND
08/08/91	<0.5	--	<0.5	2.0	<0.5	0.7	32	25	1.0	<1.0	ND
11/27/91	<0.5	--	<0.5	3.6	<0.5	0.5	60	18	1.5	<1.0	ND
01/29/92	<5.0	--	<5.0	<5.0	<5.0	<5.0	67	17	<5.0	<10	ND
03/26/92	<1.2	--	<1.2	6.4	<1.2	<1.2	130	19	1.7	<2.5	ND
07/23/92	<0.5	--	<0.5	3.0	<0.5	0.5	67	19	0.8	<0.5	<0.5
10/28/92	<0.5	--	<0.5	1.1	<0.5	<0.5	52	14	0.8	<1.0	ND
05/04/93	<0.5	--	<0.5	1.9	<0.5	0.7	48	18	2.5	<1.0	ND <sup>14</sup>
01/05/94	<0.5	--	<0.5	4.0	<0.5	0.8	94	17	1.0	<1.0	<0.5

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	c-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-18 (cont)</b>											
05/13/94	<0.5	--	<0.5	0.8	<0.5	0.8	16	15	0.8	<0.5	<0.5-<1.0
10/27/94	<0.5	--	<0.5	<0.5	<0.5	<0.5	22	15	1.2	<0.5	<0.5-<1.0
04/19/95	<0.5	--	<0.5	2.2	<0.5	1.3	46	14	1.1	<0.5	ND <sup>15</sup>
11/06/95	<1.0	--	<1.0	1.8	<1.0	1.2	45	18	<1.0	<1.0	ND
04/26/96	<0.5	--	0.9	2.8	<0.5	3.0	31	17	0.6	<0.8	<0.5-<5.0
10/10/96	PAVED OVER		--	--	--	--	--	--	--	--	--
04/22/97	<0.5	--	<0.5	1.7	<0.5	3.2	26	15	<0.5	<0.8	ND
10/16/97	<1.0	--	<1.0	1.0	<1.0	2.2	25	11	<1.0	<0.5	ND
05/04/98	1.1	--	1.7	4.5	2.5	3.1	40	<1.0	<1.0	<2.0	ND
10/27/98	<0.5	--	<0.5	0.77	<0.5	1.7	19	14	<0.5	<1.0	ND
04/15/99	<0.625	--	1.78	3.45	<0.625	2.29	27.4	14.5	0.908	<1.25	ND
11/04/99	<0.5	--	<0.5	<0.5	<0.5	1.51	18.5	10.2	<0.5	<0.5	ND
10/05/00	<1.0	--	<1.0	<1.0	<1.0	<1.0	13	11	<1.0	<1.0	-- <sup>21</sup>
04/23/01	<1.0	--	<1.0	<1.0	<1.0	<1.0	10	9.3	<1.0	<1.0	-- <sup>21</sup>
10/04/01	<1	--	<1	<1	<1	<1	13	11	<1	<1	-- <sup>21</sup>
04/01/02	<1	--	<1	<1	<1	<1	10	9	<1	<1	-- <sup>21</sup>
10/19/02	<1	--	<1	<1	<1	<1	15	10	<1	<1	<1-<2.0
04/16/03	<0.8	--	<0.8	<0.8	<1	<0.8	9	9	<0.8	<1	<0.8-<2
10/29/03	<0.8	--	<0.8	1	<1	<0.8	20	9	<0.8	<1	<0.5-<2
04/01/04	INACCESSIBLE - VEHICLE PARKED OVER WELL										
<b>MW-19</b>											
03/21/90	<0.2	10	--	--	<0.5	2.5	41	53	3.2	<1.0	--
06/19/90	<0.2	13	--	--	<0.5	1.5	46	47	2.8	<1.0	--
09/20/90	<0.2	5.8	--	--	<0.5	2.5	39	32	3.1	<1.0	--
12/28/90	<0.5	--	0.8	22	<0.5	1.0	40	44	3.0	<1.0	--
05/10/91	<0.5	--	2.0	12	<0.5	1.0	47	47	3.0	<1.0	ND
08/08/91	<0.5	--	1.1	4.8	<0.5	1.1	41	35	2.8	<1.0	ND
11/27/91	<0.5	--	1.9	29	<0.5	0.9	59	31	2.7	<1.0	ND
01/29/92	<5.0	--	<5.0	8.9	<5.0	<5.0	51	44	3	<10	ND
03/26/92	<1.2	--	1.7	23	<1.2	1.5	68	130	1.4	<2.5	ND <sup>16</sup>
07/23/92	1.1	--	1.4	5.6	<0.5	1.0	61	38	3.3	<0.5	<0.5

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Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>MW-19 (cont)</b>											
10/28/92	<0.5	--	0.9	5.3	<0.5	1.1	46	24	2.2	<1.0	ND
05/04/93	<0.5	--	2.5	8.7	0.5	1.1	69	32	3.9	<1.0	<0.5
01/05/94	<0.5	--	1.7	1.7	<0.5	16	49	46	<0.5	<1.0	<0.5
05/13/94	<0.5	--	1.8	22	<0.5	0.7	40	58	<0.5	<0.5	<0.5-<1.0
10/24/94	<50	--	110	54	<50	<50	98	300	<50	<50	<50-<100
04/19/95	<0.5	--	<0.5	65	<0.5	<0.5	130	670	<0.5	<0.5	<0.5
ABANDONED											
<b>MW-19A</b>											
11/06/95	1.0	--	<1.0	110	<1.0	<1.0	160	1,500	<1.0	<1.0	ND
04/26/96	<5.0	--	<5.0	140	<5.0	<5.0	200	990	<5.0	<8.0	<5.0-<50
10/10/96	<10	--	<10	110	<10	<10	150	1,500	<10	<16	ND
04/22/97	<5.0	--	7.1	85	9.1	<5.0	150	830	<5.0	<8.0	ND
10/16/97	1.6	--	6.9	100	5.5	<1.0	130	660	<1.0	4.2	ND <sup>17</sup>
05/04/98	<10	--	13	80	<10	<10	230	500	<10	<20	ND
10/27/98	<25	--	<25	70	<25	<25	80	910	<25	<50	ND
11/04/99	<50	--	<50	<50	<50	<50	<50	209	<50	<50	ND
04/13/00	<25	--	<25	68	<25	<25	140	1,100	<25	<25	-- <sup>21</sup>
10/05/00	2.5	--	9.5	50	5.5	1.0	82	940	<1.0	5.0	-- <sup>22</sup>
04/23/01	1.6	--	9.9	100	5.2	<1.0	180	690	<1.0	1.6	-- <sup>21</sup>
10/04/01	2	--	11	61	4	<1	130	720	<1	3	-- <sup>23</sup>
04/01/02	<1	--	7	71	2	<1	100	530	<1	2	-- <sup>24</sup>
10/19/02	<1	--	8	44	1	<1	130	600	<1	2	<1-<3.0 <sup>25</sup>
04/16/03	<0.8	--	6	69	<1	<0.8	82	570	<0.8	1	<0.8-2 <sup>10</sup>
10/29/03	<0.8	--	8	47	1	<0.8	98	630	<0.8	2	<0.5-<2 <sup>26</sup>
04/01/04	<0.8	--	5	54	<1	<0.8	78	660	<0.8	<1	<0.5-<2
<b>BAILER BLANK</b>											
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND <sup>18</sup>

**Table 2**  
**Groundwater Analytical Results**  
Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
Powell @ Landregan  
Emeryville, California

WELL ID/ DATE	1,1-DCE (ppb)	1,2-DCE (ppb)	t-1,2-DCE (ppb)	c-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
<b>BAILER BLANK (cont)</b>											
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
<b>TRIP BLANK</b>											
04/14/89	<1.0	<0.5	--	--	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
07/31/89	<0.1	<0.5	--	--	<0.1	<0.1	<0.1	<0.1	<0.5	<0.1	--
12/08/89	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
03/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
03/26/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
06/19/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
09/21/90	<0.2	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
12/28/90	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
05/10/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
08/08/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND <sup>19</sup>
11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND <sup>20</sup>
01/29/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
03/26/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
07/23/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
10/28/92	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND
05/04/93	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5
11/06/95	<1.0	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND

**Table 2**  
**Groundwater Analytical Results**  
 Former Chevron Asphalt Plant Terminal #206265 (100-1067)  
 Powell @ Landregan  
 Emeryville, California

**EXPLANATIONS:**

Groundwater laboratory analytical results prior to April 13, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

1,1-DCE = 1,1-Dichloroethene	1,1,1-TCA = 1,1,1-Trichloroethane	HVOCs = Halogenated Volatile Organic Compounds
1,2-DCE = 1,2-Dichloroethene	TCE = Trichloroethene	ND = Not Detected
t-1,2-DCE = trans-1,2-Dichloroethene	PCE = Tetrachloroethene	-- = Not Measured/Not Analyzed
c-1,2-DCE = cis-1,2-Dichloroethene	CF = Chloroform	
1,1-DCA = 1,1-Dichloroethane	VC = Vinyl Chloride	

- 1 6 ppb 1,2-dichloropropane detected; other HVOCs not detected.
- 2 0.6 ppb 1,2-dichloroethane detected; other HVOCs not detected.
- 3 63 ppb chloromethane and 0.6 ppb methylene chloride detected; other HVOCs not detected; sample contained 1,250 ppb total dissolved solids.
- 4 0.9 ppb trans-1,3-dichloropropane detected; other HVOCs not detected; sample contained 810 ppb total dissolved solids.
- 5 0.9 ppb trichlorofluoromethane and 1 ppb trans-1,3-dichloropropane detected; other HVOCs not detected.
- 6 11 ppb trans-1,3-dichloropropane detected; other HVOCs not detected.
- 7 0.1 ppb 1,2-dichlorobenzene detected; other HVOCs not detected.
- 8 1.8 ppb 1,2-dichloroethane detected; other HVOCs not detected
- 9 Chloromethane was detected at 2.4 ppb. Other HVOCs not detected at detection limits of 0.5 ppb.
- 10 3 ppb 1,1,2,2-tetrachloroethane detected; other HVOCs not detected.
- 11 0.9 ppb 1,2-dichlorobenzene detected; other HVOCs not detected.
- 12 0.5 ppb 1,2-dichloroethane detected; other HVOCs not detected.
- 13 0.9 ppb 1,2-dichloroethane detected; other HVOCs not detected.
- 14 Dichloromethane detected at 6.2 ppb. Other HVOCs not detected at detection limits of 0.5 ppb.
- 15 Chloromethane was detected at 0.6 ppb. Other HVOCs not detected at detection limits of 0.5 ppb.
- 16 1,1,2,2-Tetrachloroethane detected at 1.8 ppb; other HVOCs not detected at detection limits of 1.2 to 2.5 ppb.
- 17 Laboratory report indicates 1,1,2,2-Tetrachloroethane was detected at 3.8 ppb. Reported values for cis-1,2-dichloroethene; trichloroethene and tetrachloroethene are from 50X dilution sample re-analysis.
- 18 Trace concentrations of trihalomethane compounds detected in bailer blank.
- 19 3.1 ppb 1,2-dichlorobenzene detected; other HVOCs not detected.
- 20 Trace concentrations of trihalomethane compounds detected in bailer blank.
- 21 Laboratory report indicates all other HVOCs were ND; See specific laboratory analytical report.
- 22 Laboratory report indicates all other HVOCs were ND, except for Freon 113 was detected at 2.3 ppb and 1,1,2,2-Tetrachloroethane was 3.9 ppb.
- 23 Laboratory report indicates all other HVOCs were ND, except for Freon 113 detected at 5 ppb and 1,1,2,2,-Tetrachloroethane at 3 ppb; See specific laboratory analytical report.
- 24 Laboratory report indicates all other HVOCs were ND, except for 1,1,2,2,-Tetrachloroethane detected at 4 ppb; See specific laboratory analytical report.
- 25 Laboratory report indicates all other HVOCs were less than the reporting limit, except for 1,1,2,2-Tetrachloroethane was detected at 2 ppb, and Freon 113 was detected at 4 ppb.
- 26 Laboratory report indicates all other HVOCs were ND, except for Freon 113 was detected at 3 ppb and 1,1,2,2-Tetrachloroethane was 3 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, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable 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 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 ChevronTexaco Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.





# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206265 Job Number: 385161  
 Site Address: Powell @ Landregan Event Date: 4.1.04 (inclusive)  
 City: Emeryville, CA Sampler: FT

Well ID: MW-7 Date Monitored: 4.1.04 Well Condition: SEE PHOTO  
 Well Diameter: 2 in.  
 Total Depth: 10.27 ft.  
 Depth to Water: N/A ft.  
 ↓ xVF = \_\_\_\_\_ x3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ gal.

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

Purge Equipment:  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: 1 Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x vob vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
MW-	x vob vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: BURIED DURING CONSTRUCTION OF PARKING GARAGE / CONDOS.

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206265 Job Number: 385161  
 Site Address: Powell @ Landregan Event Date: 4.1.04 (inclusive)  
 City: Emeryville, CA Sampler: FT

Well ID: MW-15  
 Well Diameter: 2 in.  
 Total Depth: 7.39 ft.  
 Depth to Water: N/A ft.

Date Monitored: N/A Well Condition: SEE PHOTO

Volume	3/4" = 0.02	1" = 0.04	2" = 0.17	3" = 0.38
Factor (VF)	4" = 0.66	5" = 1.02	6" = 1.50	12" = 5.80

↓ xVF = \_\_\_\_\_ x3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ gal.

### Purge Equipment:

Disposable Bailer /  
 Stainless Steel Bailer /  
 Stack Pump /  
 Suction Pump /  
 Grundfos /  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer /  
 Pressure Bailer /  
 Discrete Bailer /  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: / Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? / If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
MW-	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: CEMENTED OVER DURING CONSTRUCTION OF SIDEWALK FOR PARKING GARAGE/CONDOS.

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206265 Job Number: 385161  
 Site Address: Powell @ Landregan Event Date: 4.1.04 (inclusive)  
 City: Emeryville, CA Sampler: FT

Well ID: MW-17 Date Monitored: 4.1.04 Well Condition: SEE PHOTO

Well Diameter: 2 in.  
 Total Depth: 10.75 ft.  
 Depth to Water: 3.25 ft.  
5.50

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

xVF .17 = .93 x3 (case volume) = Estimated Purge Volume: 2.80 gal.

Purge Equipment:  
 Disposable Bailer   
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment:  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0945 Weather Conditions: SUNNY  
 Sample Time/Date: 1000 4.1.04 Water Color: V. LT. BRN. Odor: NO  
 Purging Flow Rate: / gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0948</u>	<u>1.0</u>	<u>7.54</u>	<u>276</u>	<u>15.0</u>	_____	_____
<u>0951</u>	<u>2.0</u>	<u>7.53</u>	<u>266</u>	<u>15.3</u>	_____	_____
<u>0954</u>	<u>3.0</u>	<u>7.51</u>	<u>262</u>	<u>15.4</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-17</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)</u>
<u>MW-</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC's(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: DOUBLE CHECKED WELL DEPTH.

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206265 Job Number: 385161  
 Site Address: Powell @ Landregan Event Date: 4.1.04 (inclusive)  
 City: Emeryville, CA Sampler: FT

Well ID: MW-18  
 Well Diameter: 2 in.  
 Total Depth: 10.81 ft.  
 Depth to Water: N/A ft.

Date Monitored: N/A

Well Condition: "INACCESSIBLE"

Volume	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
Factor (VF)	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

SEE PHOTO

xVF = \_\_\_\_\_ x3 (case volume) = Estimated Purge Volume: \_\_\_\_\_ gal.

**Purge Equipment:**

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: / / Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
MW-	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: CAN PARKED OVER WELL.

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #206265 Job Number: 385161  
 Site Address: Powell @ Landregan Event Date: 4.1.04 (inclusive)  
 City: Emeryville, CA Sampler: FT

Well ID: MW-19A Date Monitored: 4.1.04 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 14.95 ft.

Depth to Water: 4.05 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

10.90 xVF .17 = 1.85 x3 (case volume) = Estimated Purge Volume: 5.55 gal.

### Purge Equipment:

Disposable Bailer 1  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer 1  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Bailed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: \_\_\_\_\_ ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1019 Weather Conditions: SUNNY  
 Sample Time/Date: 1035 / 4.1.04 Water Color: CLEAR Odor: NO  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1022</u>	<u>2.0</u>	<u>7.62</u>	<u>216</u>	<u>14.3</u>	_____	_____
<u>1026</u>	<u>4.0</u>	<u>7.61</u>	<u>211</u>	<u>14.3</u>	_____	_____
<u>1030</u>	<u>5.5</u>	<u>7.61</u>	<u>211</u>	<u>14.2</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-19A</u>	<u>6</u> x vob vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
<u>MW-</u>	<u>3</u> x vob vial	YES	HCL	LANCASTER	HVOC's(8260)
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

### COMMENTS:

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_

# Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only  
 Acct. #: 10904 Sample #: 4248284-86 SCR#: 890808

040204-03

Cambria MTI Project # 61D-1953

Facility #: 206265 G-R# 385161 GLOBAL ID: NA  
 Site Address: Powell@Landregan, Emeryville, CA  
 Chevron PM: Mgmt. Trans Int. Lead Consultant: Cambria  
 Consultant/Office: G-R Inc, 6747 Sierra CT, Dublin, CA 94568  
 Consultant Prj. Mgr.: Deanna L. Harding deanna@grinc.com  
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899  
 Sampler: FRANK TEKLINONI  
 Service Order #: \_\_\_\_\_  Non SAR: \_\_\_\_\_

Matrix		Analyses Requested										Preservative Codes	
		Preservation Codes										Preservative Codes	
<input type="checkbox"/> Potable Water <input type="checkbox"/> NPDES <input type="checkbox"/> Oil <input type="checkbox"/> Air	Total Number of Containers BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> HOC's (8260)	#	#									#	
		H = HCl      T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits											

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Lead 7420	7421	Preservative Codes	Comments / Remarks	
QA	4.1.04					W			2	X	X										
MW-17	↓	1000	X			↓			9	X	X									X	
MW-19A	↓	1035	X			↓			9	X	X									X	

Turnaround Time Requested (TAT) (please circle)

STD. TAT      72 hour      48 hour  
 24 hour      4 day      5 day

Data Package Options (please circle if required)

QC Summary      Type I — Full  
 Type VI (Raw Data)       Coelt Deliverable not needed  
 WIP (RWQCB)  
 Disk

Relinquished by: <u>[Signature]</u>	Date: <u>4.1.04</u>	Time: _____	Received by: <u>[Signature]</u>	Date: <u>4/2/04</u>	Time: <u>1213</u>
Relinquished by: <u>[Signature]</u>	Date: <u>4/2/04</u>	Time: <u>1330</u>	Received by: <u>[Signature]</u>	Date: <u>4/2/04</u>	Time: <u>1330</u>
Relinquished by: <u>[Signature]</u>	Date: <u>4/2/04</u>	Time: <u>1530</u>	Received by: <u>Airborne/DHL</u>	Date: <u>4/2/04</u>	Time: _____
Relinquished by Commercial Carrier: _____	UPS <input checked="" type="checkbox"/> FedEx _____ Other _____		Received by: <u>[Signature]</u>	Date: <u>4/3/04</u>	Time: <u>0900</u>
Temperature Upon Receipt: <u>3</u> °C			Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

**ANALYTICAL RESULTS**

Prepared for:

ChevronTexaco c/o Cambria  
Suite 9  
4111 Citrus Avenue  
Rocklin CA 95677  
916-630-1855

Prepared by:

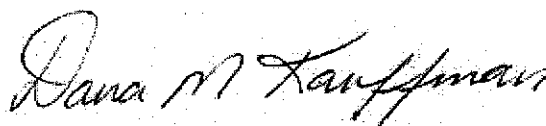
Lancaster Laboratories  
2425 New Holland Pike  
Lancaster, PA 17605-2425**SAMPLE GROUP**

The sample group for this submittal is 890808. Samples arrived at the laboratory on Saturday, April 03, 2004. The PO# for this group is 99011184 and the release number is MTI.

**Client Description**QA Water Sample  
MW-17 Grab Water Sample  
MW-19A Grab Water Sample**Lancaster Labs Number**4248284  
4248285  
42482861 COPY TO Cambria C/O Gettler- Ryan  
ELECTRONIC Gettler-Ryan  
COPY TOAttn: Deanna L. Harding  
Attn: Cheryl Hansen

Questions? Contact your Client Services Representative  
Teresa L Cunningham at (717) 656-2300.

Respectfully Submitted,



Dana M. Kauffman  
Group Leader



Lancaster Laboratories Sample No. WW 4248284

**QA Water Sample**

 Facility# 206265 Job# 385161 MTI# 61D-1953  
 Powell @ Landregan; Emeryville, CA  
 Collected: 04/01/2004

Account Number: 10904

 Submitted: 04/03/2004 09:00  
 Reported: 04/19/2004 at 23:42  
 Discard: 05/20/2004

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

**PLEQA**

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.		ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06054	BTEX+MTBE by 8260B						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5		ug/l	1
05401	Benzene	71-43-2	N.D.	0.5		ug/l	1
05407	Toluene	108-88-3	N.D.	0.5		ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5		ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5		ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/06/2004 13:41	Michael F Barrow	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	04/07/2004 14:47	Carrie J McCullough	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2004 13:41	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/07/2004 14:47	Carrie J McCullough	n.a.

Lancaster Laboratories Sample No. **WW 4248285**

MW-17 Grab Water Sample

Facility# 206265 Job# 385161 MTI# 61D-1953

Powell @ Landregan; Emeryville, CA

Collected: 04/01/2004 10:00 by FT

Account Number: 10904

Submitted: 04/03/2004 09:00

Reported: 04/19/2004 at 23:42

Discard: 05/20/2004

ChevronTexaco c/o Cambria

Suite 9

4111 Citrus Avenue

Rocklin CA 95677

PLE17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
05382	EPA SW846/8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05403	Trichloroethene	79-01-6	12.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	8.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05383	EPA SW846/8260 (water) cont					
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1

Lancaster Laboratories Sample No. **WW 4248285**

**MW-17 Grab Water Sample**

Facility# 206265 Job# 385161 MTI# 61D-1953  
Powell @ Landregan; Emeryville, CA  
Collected: 04/01/2004 10:00 by FT

Account Number: 10904

Submitted: 04/03/2004 09:00  
Reported: 04/19/2004 at 23:42  
Discard: 05/20/2004

ChevronTexaco c/o Cambria  
Suite 9  
4111 Citrus Avenue  
Rocklin CA 95677

PLE17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08202	EPA SW 846/8260 - Water					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/06/2004 07:47		Michael F Barrow	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	04/14/2004 23:53		Seth J Good	1
05383	EPA SW846/8260 (water) cont	SW-846 8260B	1	04/14/2004 23:53		Seth J Good	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	04/14/2004 23:53		Seth J Good	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2004 07:47		Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/14/2004 23:53		Seth J Good	n.a.

Lancaster Laboratories Sample No. WW 4248286

 MW-19A Grab Water Sample  
 Facility# 206265 Job# 385161 MTI# 61D-1953  
 Powell @ Landregan; Emeryville, CA  
 Collected: 04/01/2004 10:35 by FT

Account Number: 10904

 Submitted: 04/03/2004 09:00  
 Reported: 04/19/2004 at 23:43  
 Discard: 05/20/2004

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

PLE19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	260.		50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. An elevated surrogate recovery was observed. The analysis was repeated and an elevated surrogate recovery was again observed indicating a significant matrix effect.						
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.		ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.		ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.		ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.		ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.		ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8		ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.		ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	5.	0.8		ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.		ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	54.	0.8		ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8		ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8		ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.		ug/l	1
05401	Benzene	71-43-2	N.D.	0.5		ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5		ug/l	1
05403	Trichloroethene	79-01-6	78.	1.		ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.		ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.		ug/l	1
05407	Toluene	108-88-3	N.D.	0.5		ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8		ug/l	1
05409	Tetrachloroethene	127-18-4	660.	4.		ug/l	5
05411	Dibromochloromethane	124-48-1	N.D.	1.		ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8		ug/l	1
05383	EPA SW846/8260 (water) cont						
05415	Ethylbenzene	100-41-4	N.D.	0.5		ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5		ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5		ug/l	1
05419	Bromoform	75-25-2	N.D.	1.		ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.		ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.		ug/l	1

Lancaster Laboratories Sample No. WW 4248286

 MW-19A Grab Water Sample  
 Facility# 206265 Job# 385161 MTI# 61D-1953  
 Powell @ Landregan; Emeryville, CA  
 Collected: 04/01/2004 10:35 by FT

Account Number: 10904

 Submitted: 04/03/2004 09:00  
 Reported: 04/19/2004 at 23:43  
 Discard: 05/20/2004

 ChevronTexaco c/o Cambria  
 Suite 9  
 4111 Citrus Avenue  
 Rocklin CA 95677

PLE19			As Received	As Received		Dilution
CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Units	Factor
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	04/06/2004 14:14	Michael F Barrow	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	04/08/2004 00:06	Shawn J Rice	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	04/15/2004 00:18	Seth J Good	5
05383	EPA SW846/8260 (water) cont	SW-846 8260B	1	04/08/2004 00:06	Shawn J Rice	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	04/08/2004 00:06	Shawn J Rice	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/06/2004 14:14	Michael F Barrow	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/08/2004 00:06	Shawn J Rice	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	04/15/2004 00:18	Seth J Good	n.a.

## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 04/19/04 at 11:43 PM

Group Number: 890808

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 04097A07A TPH-GRO - Waters	Sample number(s): 4248285							
	N.D.	50.	ug/l	95	96	70-130	1	30
Batch number: 04097A07B TPH-GRO - Waters	Sample number(s): 4248284, 4248286							
	N.D.	50.	ug/l	95	96	70-130	1	30
Batch number: N040981AA	Sample number(s): 4248286							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103		77-127		
Chloromethane	N.D.	1.	ug/l	108		69-136		
Vinyl Chloride	N.D.	1.	ug/l	107		71-129		
Bromomethane	N.D.	1.	ug/l	106		46-138		
Chloroethane	N.D.	1.	ug/l	103		59-133		
Trichlorofluoromethane	N.D.	2.	ug/l	108		59-137		
1,1-Dichloroethene	N.D.	0.8	ug/l	107		79-130		
Methylene Chloride	N.D.	2.	ug/l	104		80-128		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	103		81-124		
1,1-Dichloroethane	N.D.	1.	ug/l	103		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	103		84-117		
Chloroform	N.D.	0.8	ug/l	104		86-124		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	106		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	105		77-130		
Benzene	N.D.	0.5	ug/l	104		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	102		77-132		
Trichloroethene	N.D.	1.	ug/l	104		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	102		80-117		
Bromodichloromethane	N.D.	1.	ug/l	104		83-121		
Toluene	N.D.	0.5	ug/l	103		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	96		86-113		
Dibromochloromethane	N.D.	1.	ug/l	96		78-119		
Chlorobenzene	N.D.	0.8	ug/l	101		85-115		
Ethylbenzene	N.D.	0.5	ug/l	101		82-119		
m+p-Xylene	N.D.	0.5	ug/l	101		84-120		
o-Xylene	N.D.	0.5	ug/l	101		84-120		
Bromoform	N.D.	1.	ug/l	96		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	90		72-119		
1,3-Dichlorobenzene	N.D.	1.	ug/l	102		81-114		
1,4-Dichlorobenzene	N.D.	1.	ug/l	100		84-116		
1,2-Dichlorobenzene	N.D.	1.	ug/l	97		81-112		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	96		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	102		78-114		
Freon 113	N.D.	2.	ug/l	110		73-140		
Batch number: N041052AA Methyl Tertiary Butyl Ether	Sample number(s): 4248285-4248286							
	N.D.	0.5	ug/l	102		77-127		

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 04/19/04 at 11:43 PM

Group Number: 890808

### Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Chloromethane	N.D.	1.	ug/l	108		69-136		
Vinyl Chloride	N.D.	1.	ug/l	105		71-129		
Bromomethane	N.D.	1.	ug/l	102		46-138		
Chloroethane	N.D.	1.	ug/l	101		59-133		
Trichlorofluoromethane	N.D.	2.	ug/l	105		59-137		
1,1-Dichloroethene	N.D.	0.8	ug/l	107		79-130		
Methylene Chloride	N.D.	2.	ug/l	106		80-128		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	106		81-124		
1,1-Dichloroethane	N.D.	1.	ug/l	107		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	104		84-117		
Chloroform	N.D.	0.8	ug/l	106		86-124		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	107		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	107		77-130		
Benzene	N.D.	0.5	ug/l	105		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	104		77-132		
Trichloroethene	N.D.	1.	ug/l	108		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	104		80-117		
Bromodichloromethane	N.D.	1.	ug/l	103		83-121		
Toluene	N.D.	0.5	ug/l	106		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	103		86-113		
Tetrachloroethene	N.D.	0.8	ug/l	108		82-126		
Dibromochloromethane	N.D.	1.	ug/l	100		78-119		
Chlorobenzene	N.D.	0.8	ug/l	107		85-115		
Ethylbenzene	N.D.	0.5	ug/l	107		82-119		
m+p-Xylene	N.D.	0.5	ug/l	106		84-120		
o-Xylene	N.D.	0.5	ug/l	106		84-120		
Bromoform	N.D.	1.	ug/l	100		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	98		72-119		
1,3-Dichlorobenzene	N.D.	1.	ug/l	106		81-114		
1,4-Dichlorobenzene	N.D.	1.	ug/l	106		84-116		
1,2-Dichlorobenzene	N.D.	1.	ug/l	105		81-112		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	102		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	105		78-114		
Freon 113	N.D.	2.	ug/l	114		73-140		

 Batch number: P040982AA  
 Methyl Tertiary Butyl Ether  
 Benzene  
 Toluene  
 Ethylbenzene  
 Xylene (Total)

Sample number(s): 4248284

N.D.	0.5	ug/l	103		77-127
N.D.	0.5	ug/l	102		85-117
N.D.	0.5	ug/l	100		85-115
N.D.	0.5	ug/l	101		82-119
N.D.	0.5	ug/l	102		84-120

### Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 04097A07A TPH-GRO - Waters									
Batch number: 04097A07B TPH-GRO - Waters									

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 04/19/04 at 11:43 PM

Group Number: 890808

### Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: N040981AA	Sample number(s): 4248286								
Methyl Tertiary Butyl Ether	98	98	69-134	0	30				
Chloromethane	108	115	70-148	7	30				
Vinyl Chloride	116	114	70-151	1	30				
Bromomethane	110	106	52-140	4	30				
Chloroethane	106	104	63-142	2	30				
Trichlorofluoromethane	122	119	67-163	2	30				
1,1-Dichloroethene	110	114	78-146	4	30				
Methylene Chloride	104	103	79-133	1	30				
trans-1,2-Dichloroethene	104	108	82-133	3	30				
1,1-Dichloroethane	103	106	85-135	3	30				
cis-1,2-Dichloroethene	102	103	83-126	1	30				
Chloroform	103	106	82-131	2	30				
1,1,1-Trichloroethane	114	112	82-135	1	30				
Carbon Tetrachloride	113	111	73-144	2	30				
Benzene	105	104	83-128	0	30				
1,2-Dichloroethane	101	102	73-136	0	30				
Trichloroethene	107	110	75-135	3	30				
1,2-Dichloropropane	101	101	81-121	0	30				
Bromodichloromethane	106	106	83-121	1	30				
Toluene	102	102	83-127	0	30				
1,1,2-Trichloroethane	176*	183*	77-125	4	30				
Dibromochloromethane	94	96	73-119	2	30				
Chlorobenzene	100	100	83-120	1	30				
Ethylbenzene	97	101	82-129	2	30				
m+p-Xylene	98	101	82-130	2	30				
o-Xylene	99	101	82-130	1	30				
Bromoform	90	92	64-119	2	30				
1,1,2,2-Tetrachloroethane	92	92	69-121	0	30				
1,3-Dichlorobenzene	99	98	79-123	1	30				
1,4-Dichlorobenzene	98	97	81-122	1	30				
1,2-Dichlorobenzene	94	95	82-117	1	30				
trans-1,3-Dichloropropene	95	93	75-117	2	30				
cis-1,3-Dichloropropene	98	97	76-117	0	30				
Freon 113	121	122	73-166	1	30				
Batch number: N041052AA	Sample number(s): 4248285-4248286								
Methyl Tertiary Butyl Ether	107	109	69-134	1	30				
Chloromethane	124	124	70-148	0	30				
Vinyl Chloride	125	125	70-151	1	30				
Bromomethane	116	115	52-140	1	30				
Chloroethane	118	116	63-142	1	30				
Trichlorofluoromethane	127	127	67-163	0	30				
1,1-Dichloroethene	120	120	78-146	0	30				
Methylene Chloride	112	114	79-133	1	30				
trans-1,2-Dichloroethene	113	116	82-133	2	30				
1,1-Dichloroethane	115	117	85-135	2	30				
cis-1,2-Dichloroethene	114	115	83-126	1	30				
Chloroform	113	116	82-131	2	30				
1,1,1-Trichloroethane	121	122	82-135	1	30				
Carbon Tetrachloride	121	123	73-144	2	30				
Benzene	115	116	83-128	1	30				
1,2-Dichloroethane	112	111	73-136	0	30				
Trichloroethene	117	118	75-135	1	30				
1,2-Dichloropropane	112	112	81-121	0	30				

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 04/19/04 at 11:43 PM

Group Number: 890808

### Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Bromodichloromethane	112	112	83-121	0	30				
Toluene	115	114	83-127	1	30				
1,1,2-Trichloroethane	106	106	77-125	1	30				
Tetrachloroethene	119	120	75-143	1	30				
Dibromochloromethane	108	107	73-119	0	30				
Chlorobenzene	114	114	83-120	0	30				
Ethylbenzene	116	116	82-129	1	30				
m+p-Xylene	117	116	82-130	1	30				
o-Xylene	114	113	82-130	1	30				
Bromoform	105	104	64-119	1	30				
1,1,2,2-Tetrachloroethane	100	102	69-121	2	30				
1,3-Dichlorobenzene	109	112	79-123	3	30				
1,4-Dichlorobenzene	110	112	81-122	2	30				
1,2-Dichlorobenzene	109	109	82-117	0	30				
trans-1,3-Dichloropropene	107	110	75-117	3	30				
cis-1,3-Dichloropropene	109	111	76-117	2	30				
Freon 113	130	129	73-166	0	30				
Batch number: P040982AA      Sample number(s): 4248284									
Methyl Tertiary Butyl Ether	106	107	69-134	1	30				
Benzene	111	112	83-128	1	30				
Toluene	110	109	83-127	1	30				
Ethylbenzene	110	112	82-129	2	30				
Xylene (Total)	110	113	82-130	2	30				

### Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters  
 Batch number: 04097A07A  
 Trifluorotoluene-F

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4248285	101
Blank	91
LCS	113
LCSD	111
MS	127

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Limits: 57-146

 Analysis Name: TPH-GRO - Waters  
 Batch number: 04097A07B  
 Trifluorotoluene-F

---

4248284	86
4248286	157*
Blank	92
LCS	113
LCSD	111
MS	127

---

Limits: 57-146

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

## Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria  
 Reported: 04/19/04 at 11:43 PM

Group Number: 890808

### Surrogate Quality Control

 Analysis Name: EPA SW846/8260 (water)  
 Batch number: N040981AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4248286	102	93	102	101
Blank	102	99	102	103
LCS	103	97	102	103
MS	102	95	101	107
MSD	103	96	102	106
Limits:	81-120	82-112	85-112	83-113

 Analysis Name: EPA SW846/8260 (water)  
 Batch number: N041052AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4248285	103	101	106	106
Blank	103	98	105	104
LCS	104	100	106	108
MS	104	100	105	108
MSD	104	104	105	108
Limits:	81-120	82-112	85-112	83-113

 Analysis Name: BTEX+MTBE by 8260B  
 Batch number: P040982AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4248284	100	96	95	94
Blank	102	97	95	93
LCS	102	96	95	94
MS	100	97	95	96
MSD	102	97	95	94
Limits:	81-120	82-112	85-112	83-113

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

# Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

<b>N.D.</b>	none detected	<b>BMQL</b>	Below Minimum Quantitation Level
<b>TNTC</b>	Too Numerous To Count	<b>MPN</b>	Most Probable Number
<b>IU</b>	International Units	<b>CP Units</b>	cobalt-chloroplatinate units
<b>umhos/cm</b>	micromhos/cm	<b>NTU</b>	nephelometric turbidity units
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>ug</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>ml</b>	milliliter(s)	<b>l</b>	liter(s)
<b>m3</b>	cubic meter(s)	<b>ul</b>	microliter(s)
<b>&lt;</b>	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>J</b>	estimated value - The result falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).		
<b>ppm</b>	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

## U.S. EPA CLP Data Qualifiers:

### Organic Qualifiers

<b>A</b>	TIC is a possible aldol-condensation product
<b>B</b>	Analyte was also detected in the blank
<b>C</b>	Pesticide result confirmed by GC/MS
<b>D</b>	Compound quantitated on a diluted sample
<b>E</b>	Concentration exceeds the calibration range of the instrument
<b>N</b>	Presumptive evidence of a compound (TICs only)
<b>P</b>	Concentration difference between primary and confirmation columns >25%
<b>U</b>	Compound was not detected
<b>X,Y,Z</b>	Defined in case narrative

### Inorganic Qualifiers

<b>B</b>	Value is <CRDL, but ≥IDL
<b>E</b>	Estimated due to interference
<b>M</b>	Duplicate injection precision not met
<b>N</b>	Spike sample not within control limits
<b>S</b>	Method of standard additions (MSA) used for calculation
<b>U</b>	Compound was not detected
<b>W</b>	Post digestion spike out of control limits
<b>*</b>	Duplicate analysis not within control limits
<b>+</b>	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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