

Chevron Environmental
Management Company
6001 Bollinger Canyon Rd, K2236
P.O. Box 6012
San Ramon, CA 94583-2324
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Dana Thurman
Project Manager

RO 2538 /SL

ChevronTexaco

MAY 26, 2005

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

Re: Chevron Service Station #206265 (100-1067)

Address: POWELL@ LANDREGAN, EMERYVILLE, CA

1520 Powell St

Alameda County
JUN 10 2005
Environmental Health

I have reviewed the attached routine groundwater monitoring report dated MAY 10, 2005.

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,



Dana Thurman
Project Manager

Enclosure: Report



GETTLER-RYAN INC.

TRANSMITTAL

May 10, 2005
G-R #385161

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

Alameda County
JUN 10 2005
Environmental Health

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: 61H-1953**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	May 9, 2005	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of April 8, 2005

COMMENTS:

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

Mr. Dana Thurman, ChevronTexaco Company, P.O. Box 6012, Room K2236, San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **May 25, 2005**, at which time the final report will be distributed to the following:

- cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1153 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Mr. Dan Nourse, Wareham Development Group, 1120 Nye Street, Suite 400, San Rafael, CA 94901

Enclosures

trans/206265(100-1067)-DT



GETTLER-RYAN INC.

May 9, 2005
G-R Job #385161

Mr. Dana Thurman
ChevronTexaco Company
P.O. Box 6012, Room 2236
San Ramon, CA 94583

RE: First Semi-Annual Event of April 8, 2005
Groundwater Monitoring & Sampling Report
Former Chevron Asphalt Plant Terminal #206265 (100-1067)
Powell @ Landregan
Emeryville, California

Dear Mr. Thurman:

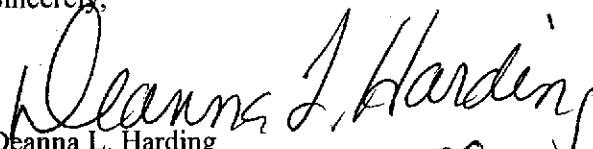
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

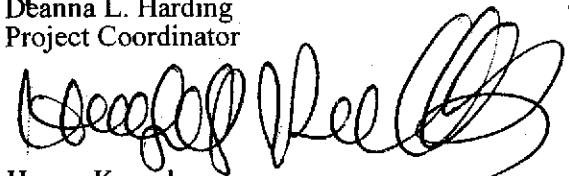
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Groundwater Elevation Map is included as Figure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

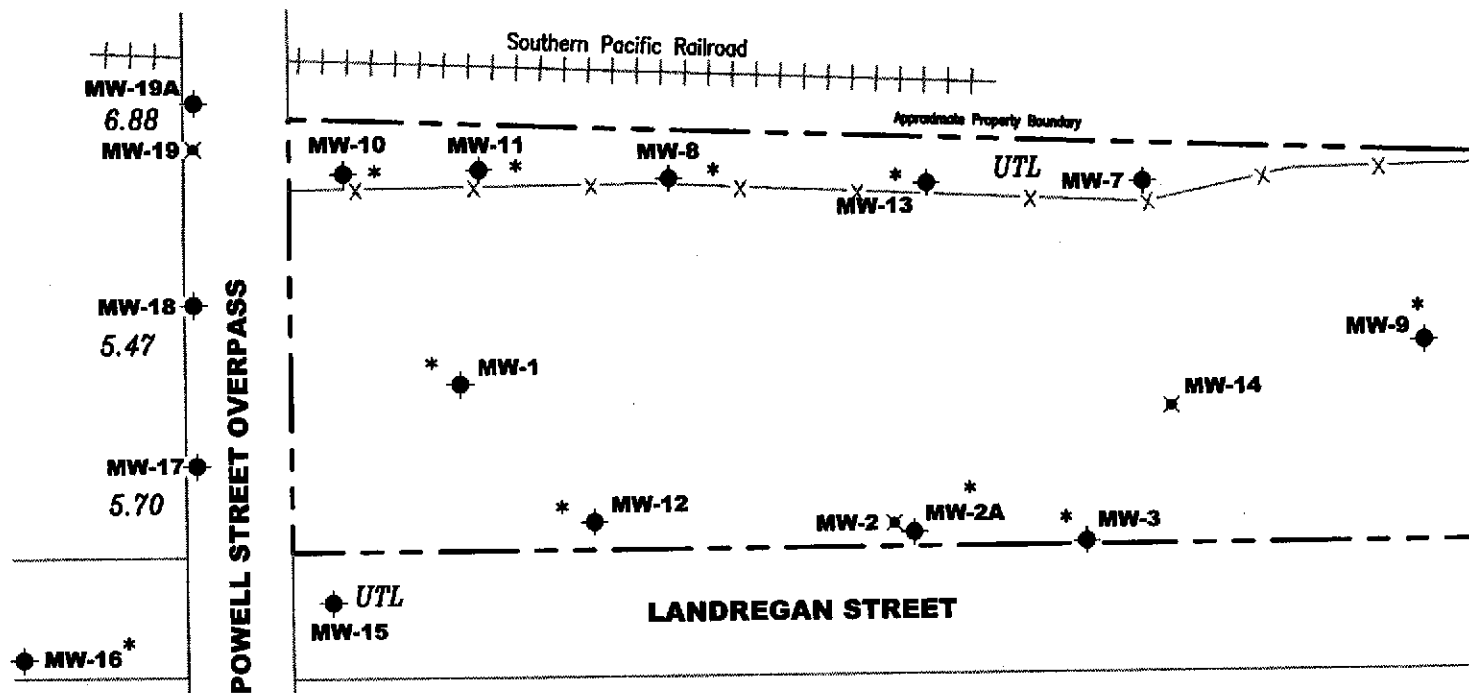

Deanna L. Harding
Project Coordinator



Hagop Kevork
P.E. No. C55734

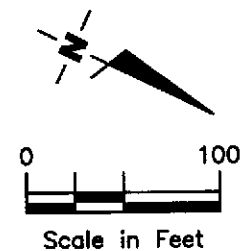


Figure 1: Groundwater Elevation Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



EXPLANATION

- ◆ Groundwater monitoring well
 - ✕ Abandoned well
 - * Discontinued from monitoring/sampling program
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- UTL Unable to locate



Source: Figure modified from drawing provided by RRM



Gettler - Ryan Inc.

6747 Sierra Court 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 8, 2005

REVISED DATE

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 (msf)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-7												
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 ¹	<0.1	<0.5	<0.1	<0.2	--	--
07/31/89	10.47	--	--	--	--	100 ¹	<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	--	--
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	--

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 (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-7 (cont)												
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										
UNABLE TO LOCATE - WELL BURIED DURING CONSTRUCTION												
MW-15												
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	--	--
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	--

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 (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	- MTBE (ppb)	TOG (ppb)	
MW-15 (cont)													
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						--	--	--	--	--	--
UNABLE TO LOCATE - CEMENTED OVER DURING CONSTRUCTION													
MW-17													
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	--	--	

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)
MW-17 (cont)												
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	--
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	<0.50	<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 ¹²	10.41	4.62	5.79	0.00	0.00	<50	<0.5	<0.5	<0.5	<1	<0.5	--
04/01/04 ¹²	10.41	5.16	5.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<1	<0.5	--
10/01/04 ¹²	10.41	5.02	5.39	0.00	0.00	<50	<0.5	<0.7	<0.8	<1.6	<0.5	--
04/08/05 ¹²	10.41	5.70	4.71	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--
MW-18												
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	--	--

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)	
MW-18 (cont)													
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	--	--	
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	-- ⁴	
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 ⁶		--	--	--	--	--	
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 ¹²	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					--	--	--	--	--	--	--
10/01/04	9.80	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
04/08/05 ¹²	9.80	5.47	4.33	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.0	<0.5	--	

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

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)
MW-19A												
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 ²	<0.5	<0.5	<0.5	<0.5	21	--
04/22/97	9.96	5.79	4.17	--	--	43 ²	<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 ²	<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 ²	<0.5	<0.5	<0.5	<0.5	12/<2.0 ⁷	--
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 ^{5,7}	--
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 ¹⁰	<0.50	<0.50	<0.50	<0.50	26/<2.0 ⁹	--
04/23/01	9.96	5.89	4.07	0.00	0.00	100 ¹⁰	<0.50	<0.50	<0.50	<0.50	3.4/<2.0 ¹¹	--
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 ¹²	9.96	5.36	4.60	0.00	0.00	330	<0.5	<0.5	<0.5	<1	<0.5	--
04/01/04 ¹²	9.96	5.91	4.05	0.00	0.00	260	<0.5	<0.5	<0.5	<1	<0.5	--
10/01/04 ¹²	9.96	5.66	4.30	0.00	0.00	260	<0.5	<0.7	<0.8	<1.6	<0.5	--
04/08/05 ¹²	9.96	6.88	3.08	0.00	0.00	190	<0.5	<0.5	<0.5	<1.0	<0.5	--
MW-1												
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	--	--

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Emeryville, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	- MTBE (ppb)	TOG (ppb)
					REMOVED (gallons)	TPH-G (ppb)						
MW-1 (cont)												
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 ²	19	2.2	1.2	4.0	--	--
07/23/92	10.67	5.25	5.42	--	--	4,000 ²	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												
MW-2												
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	--	--
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	--	--

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MW-2 (cont)												
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	--	--	--	--	--	--	--	--
ABANDONED												
MW-2A												
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 ²	<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 ²	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/27/98	12.45	7.31	5.14	--	--	170 ²	<0.5	<0.5	<0.5	9.6	44/<2.0 ⁷	--
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	--
NOT MONITORED/SAMPLED												
MW-3												
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	--	--

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					REMOVED (gallons)	TPH-G (ppb)						
MW-3 (cont)												
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												
MW-4												
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 ¹	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
NOT MONITORED/SAMPLED												
MW-5												
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 ¹	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
NOT MONITORED/SAMPLED												
MW-6												
04/26/85	--	--	--	--	--	580	<100	--	--	--	--	--
09/11/87	--	--	--	--	--	--	<10	--	--	--	--	--
07/07/88	--	--	--	--	--	8,000	<5.0	--	--	--	--	--
04/13/89	--	--	1.90	--	--	--	--	--	--	--	--	--

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MW-6 (cont)												
04/14/89	--	--	--	--	--	3,300 ¹	<0.5	<1.0	<1.0	<1.0	--	<3,000,000
NOT MONITORED/SAMPLED												
MW-8												
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 ³	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	--

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 (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	- MTBE (ppb)	TOG (ppb)
MW-8 (cont)												
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	--
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												
MW-9												
04/26/85	--	--	--	--	--	--	--	--	--	--	--	--
09/11/87	--	--	--	--	--	--	--	--	--	--	--	--
07/07/88	--	--	--	--	--	400	--	--	--	--	--	--
05/10/91	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED												
MW-10												
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		--	--	--	--	--	--	--	--	--
01/05/94	10.82	4.90	5.92	--	--	<50	<0.5	<0.5	<0.5	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)
MW-10 (cont)												
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 ⁸	--
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	-- ⁴	--
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												
MW-11												
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	--	--
10/28/92	11.38	4.87	6.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/04/93	11.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--

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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)
MW-11 (cont)												
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 ²	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	-- ⁴	--
10/27/98	11.38	5.23	6.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	12/<2.0 ⁷	--
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												
MW-12												
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	--	--
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												

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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)
MW-13												
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 ³	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 ²	<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	--
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												
MW-14												
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	--	--

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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)
MW-14 (cont)												
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												
MW-16												
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	--	--
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												
MW-19												
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 ³	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	--	--

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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)
MW-19 (cont)												
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	--	--
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 ²	<0.5	<0.5	<0.5	<0.5	--	--
ABANDONED												
BAILER BLANK												
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	--	--
TRIP BLANK												
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	--	--

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 (mst)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	- MTBE (ppb)	TOG (ppb)
TRIP BLANK (cont)												
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	--	--
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	--
QA												
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 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
04/01/04 ¹²	--	--	--	--	--	<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

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)	TOC (ppb)
QA (cont)												
10/01/04 ¹²	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
04/08/05 ¹²	--	--	--	--	--	<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
(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

TOG = Total Oil and Grease

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

ND = Not Detected

QA = Quality Assurance/Trip Blank

- 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)	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)
MW-7											
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 ⁷
07/31/89	<0.1	0.4	--	--	0.2	2.6	<0.1	<0.1	<0.5	<0.1	ND ⁷
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	--
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	<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	<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		--	--	--	--	--	--	--	--	--

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)	
MW-7 (cont)												
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												
MW-15												
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 ¹¹	
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	
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	<10	<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	-- ²¹	
10/06/00	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)	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)
MW-17 (cont)											
04/13/00	<1.0	--	<1.0	<1.0	<1.0	<1.0	14	8.7	<1.0	<1.0	-- ²¹
10/05/00	<1.0	--	<1.0	<1.0	<1.0	<1.0	18	11	<1.0	<1.0	-- ²¹
04/23/01	<1.0	--	<1.0	<1.0	<1.0	<1.0	10	5.7	<1.0	<1.0	-- ²¹
10/04/01	<1	--	<1	<1	<1	<1	14	8	<1	<1	-- ²¹
04/01/02	<1	--	<1	<1	<1	<1	10	6	<1	<1	-- ²¹
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
10/01/04	<0.8	--	<0.8	1	<1	<0.8	13	7	0.9	<1	<0.5-<2
04/08/05	<0.8	--	<0.8	2	<1	<0.8	10	7	<0.8	<1	<0.5-<2
MW-18											
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 ¹⁴
01/05/94	<0.5	--	<0.5	4.0	<0.5	0.8	94	17	1.0	<1.0	<0.5
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 ¹⁵
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	--	--	--	--	--	--	--	--	--	--

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)	
MW-15 (cont)												
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												
MW-17												
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	
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	

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)
MW-18 (cont)											
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	-- ²¹
04/23/01	<1.0	--	<1.0	<1.0	<1.0	<1.0	10	9.3	<1.0	<1.0	-- ²¹
10/04/01	<1	--	<1	<1	<1	<1	13	11	<1	<1	-- ²¹
04/01/02	<1	--	<1	<1	<1	<1	10	9	<1	<1	-- ²¹
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				--	--	--	--	--	--	--
10/01/04	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--
04/08/05	<0.8	--	<0.8	2	<1	<0.8	13	8	3	<1	<0.5-<2
MW-19A											
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 ¹⁷
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	-- ²¹
10/05/00	2.5	--	9.5	50	5.5	1.0	82	940	<1.0	5.0	-- ²²
04/23/01	1.6	--	9.9	100	5.2	<1.0	180	690	<1.0	1.6	-- ²¹
10/04/01	2	--	11	61	4	<1	130	720	<1	3	-- ²³
04/01/02	<1	--	7	71	2	<1	100	530	<1	2	-- ²⁴
10/19/02	<1	--	8	44	1	<1	130	600	<1	2	<1-<3.0 ²⁵

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)
MW-19A (cont)											
04/16/03	<0.8	--	6	69	<1	<0.8	82	570	<0.8	1	<0.8-2 ¹⁰
10/29/03	<0.8	--	8	47	1	<0.8	98	630	<0.8	2	<0.5-2 ²⁶
04/01/04	<0.8	--	5	54	<1	<0.8	78	660	<0.8	<1	<0.5-2
10/01/04	<0.8	--	8	46	<1	<0.8	95	540	<0.8	1	<0.5-2 ²⁷
04/08/05	<0.8	--	4	48	<1	<0.8	51	370	<0.8	<1	<0.5-2 ²⁸
MW-1											
04/14/89	<5.0	--	19	720	<5.0	<5.0	11	<5.0	<20	340	ND ¹
07/31/89	6.8	--	54	2,600	2.7	7.2	57	<0.2	<1.0	760	ND ²
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 ³
12/28/90	2.0	--	28	1,500	1.0	0.6	15	<0.5	<0.5	510	ND ⁴
05/10/91	10	--	69	5,500	2.0	<0.5	280	<0.5	<0.5	1,800	ND ⁵
08/08/91	2.9	--	45	2,300	1.5	<0.5	110	<0.5	<0.5	<1.0	ND ⁶
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											
MW-2											
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	--

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)	1,1,1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
MW-2 (cont)											
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
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											
MW-2A											
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											
MW-3											
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	--

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Groundwater Analytical Results
Former Chevron Asphalt Plant Terminal #206265 (100-1067)
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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)
MW-3 (cont)											
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	<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	INACCESSIBLE		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
MW-4											
04/14/89	<1.0	<1.0	--	--	2.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
NOT MONITORED/SAMPLED											
MW-5											
04/14/89	<1.0	<1.0	--	--	2.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
NOT MONITORED/SAMPLED											
MW-6											
04/14/89	<1.0	<1.0	--	--	2.0	<1.0	<1.0	<1.0	<2.0	<1.0	--
NOT MONITORED/SAMPLED											
MW-8											
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

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)	i-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-8 (cont)											
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	<10	<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											
MW-9											
05/10/91	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
MW-10											
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

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)	±1,2-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-10 (cont)											
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
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											
MW-11											
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 ⁸
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

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-11 (cont)											
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 ⁹
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
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											
MW-12											
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

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)
MW-12 (cont)											
07/23/92	UNABLE TO LOCATE		--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED											
MW-13											
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 ¹⁰
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
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											
MW-14											
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	--

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)	o-1,2-DCE (ppb)	1,1-DCA (ppb)	1,1,1-TCA (ppb)	TCE (ppb)	PCE (ppb)	CF (ppb)	VC (ppb)	HVOCs (ppb)
MW-14 (cont)											
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											
MW-16											
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 ¹²
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 ¹³
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											
MW-19											
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

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)
MW-19 (cont)											
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 ¹⁶
07/23/92	1.1	--	1.4	5.6	<0.5	1.0	61	38	3.3	<0.5	<0.5
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											
BAILER BLANK											
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 ¹⁸
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
TRIP BLANK											
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 ¹⁹

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)
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TRIP BLANK (cont)

11/27/91	<0.5	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	ND ²⁰
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
1,2-DCE = 1,2-Dichloroethene
t-1,2-DCE = trans-1,2-Dichloroethene
c-1,2-DCE = cis-1,2-Dichloroethene
1,1-DCA = 1,1-Dichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane
TCE = Trichloroethene
PCE = Tetrachloroethene
CF = Chloroform
VC = Vinyl Chloride

HVOCs = Halogenated Volatile Organic Compounds
ND = Not Detected
-- = Not Measured/Not Analyzed

- 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.

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

EXPLANATIONS:

- 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.
- ²⁷ Laboratory report indicates all other HVOCs were ND, except for Freon 113 was detected at 5 ppb and 1,1,2,2-Tetrachloroethane was 2 ppb.
- ²⁸ Laboratory report indicates all other HVOCs were ND, except 1,1,2,2-Tetrachloroethane was 2 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: 4.8.05 (inclusive)
 City: Emeryville, CA Sampler: FT

Well ID: MW-7 Date Monitored: NA Well Condition: NA
 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 Completed: _____ (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
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): _____ Weather Conditions: _____
 Sample Time/Date: 4/8/05 Water Color: _____ Odor: _____
 Purging Flow Rate: 1 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)
	x voa vial	YES	HCL	LANCASTER	HVOC'S(8260)

COMMENTS: BURIED DUE TO CONSTRUCTION
10/00

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: 4.8.05 (inclusive)
 City: Emeryville, CA Sampler: FT

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

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

N/A 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 Completed: _____ (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
 Water Removed: _____
 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)
	x voa vial	YES	HCL	LANCASTER	HVOC'S(8260)

COMMENTS: CEMENTED OVER DUE TO CONSTRUCTION
10/00

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: 4.8.05 (inclusive)
 City: Emeryville, CA Sampler: FT

Well ID: MW-17 Date Monitored: 4.8.05 Well Condition: OK

Well Diameter: 2 in.

Total Depth: 11.85 ft.

Depth to Water: 4.71 ft.

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

7.14 xVF .17 = 1.21 x3 case volume= Estimated Purge Volume: 3.64 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 Completed: _____ (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
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1053 Weather Conditions: RAIN
 Sample Time/Date: 1108 / 4.8.05 Water Color: LT. BRN. Odor: NO
 Purging Flow Rate: 1 gpm. Sediment Description: S. SILTY
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1058</u>	<u>1.0</u>	<u>7.74</u>	<u>247</u>	<u>16.3</u>	_____	_____
<u>1059</u>	<u>2.0</u>	<u>7.35</u>	<u>239</u>	<u>16.8</u>	_____	_____
<u>1102</u>	<u>3.5</u>	<u>7.24</u>	<u>229</u>	<u>16.9</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>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>HVOC'S(8260)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS: _____

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: 4-8-05 (inclusive)
 City: Emeryville, CA Sampler: FT

Well ID: MW-18 Date Monitored: 4-8-05 Well Condition: SEE PHOTO
 Well Diameter: 2 in.
 Total Depth: 10.80 ft.
 Depth to Water: 4.33 ft.
6.47 xVF .17 = 1.09 x3 case volume = Estimated Purge Volume: 3.0 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 Completed: _____ (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
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1119 Weather Conditions: RAIN
 Sample Time/Date: 1135 / 4-8-05 Water Color: V. LT. BRN. 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>1122</u>	<u>1.0</u>	<u>6.93</u>	<u>243</u>	<u>16.4</u>	_____	_____
<u>1125</u>	<u>2.0</u>	<u>6.79</u>	<u>243</u>	<u>16.8</u>	_____	_____
<u>1128</u>	<u>3.0</u>	<u>6.73</u>	<u>239</u>	<u>17.0</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-18</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	<u>3</u> x voa vial	YES	HCL	LANCASTER	HVOC'S(8260)
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

COMMENTS:

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: 4-8-05 (inclusive)
 City: Emeryville, CA Sampler: FT

Well ID: MW-19A Date Monitored: 4-8-05 Well Condition: 0'c'

Well Diameter: 2 in.

Total Depth: 14.95 ft.

Depth to Water: 3.08 ft.

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

11.87 xVF .17 = 2.01 x3 case volume= Estimated Purge Volume: 6.0 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 Completed: _____ (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
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1145 Weather Conditions: CL CLOUDY
 Sample Time/Date: 1202 / 4-8-05 Water Color: CLEAR Odor: SLIGHT
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1148</u>	<u>2.0</u>	<u>7.03</u>	<u>176</u>	<u>15.7</u>	_____	_____
<u>1152</u>	<u>4.0</u>	<u>6.97</u>	<u>171</u>	<u>16.0</u>	_____	_____
<u>1156</u>	<u>6.0</u>	<u>6.95</u>	<u>169</u>	<u>15.9</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

Chevron California Region Analysis Request/Chain of Custody



100504-06

Acct. #: 10904

For Lancaster Laboratories use only
Sample #: 9369419-421

Group# 915019

SCR#:

CAMBRIA MTI PROJECT # 61D-1953

Facility #: SS#206265 G-R#385161
 Site Address: Powell@Landregan, Emeryville, CA
 Chevron PM: MTI Lead Consultant: CAMBRIABE
 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 TERRINONI
 Service Order #: Non SAR:

Matrix	Analyses Requested										
	Preservation Codes										
<input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air	Total Number of Containers	BTX + MTBE 8260 <input type="checkbox"/> 8261 <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"/>	HYOC's (8260)			

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

J value reporting needed
 Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
 Confirm highest hit by 8260
 Confirm all hits by 8260
 Run ___ oxy s on highest hit
 Run ___ oxy s on all hits

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421	HYOC's (8260)
QA	10.1.04					W			2	X	X						
MW-17	↓	1359	X			↓			9	X	X						X
MW-19A	↓	1439	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>Frank Terrinoni</u>	Date: <u>10.1.04</u>	Time:	Received by:	Date:	Time:
Relinquished by: <u>Deanna</u>	Date: <u>10/5/04</u>	Time: <u>1320</u>	Received by: <u>Arches Amaya</u>	Date: <u>10/5/04</u>	Time: <u>1320</u>
Relinquished by: <u>Arches Amaya</u>	Date: <u>10/5/04</u>	Time: <u>1530</u>	Received by: <u>DHG</u>	Date: <u>10/5/04</u>	Time:
Relinquished by Commercial Carrier:	UPS FedEx Other	Temperature Upon Receipt: <u>2.5</u> °C	Received by: <u>Sharon</u>	Date: <u>10-06-04</u>	Time: <u>1850</u>
			Custody Seals Intact? <u>Yes</u> No		



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

REVISED

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 915019. Samples arrived at the laboratory on Wednesday, October 06, 2004. The PO# for this group is 99011184 and the release number is MTL.

Client Description

QA-T-041001	NA	Water
MW-17-W-041001	Grab	Water
MW-19A-W-041001	Grab	Water

Lancaster Labs Number

4369419
4369420
4369421

1 COPY TO
ELECTRONIC
COPY TO

Cambria C/O Gettler- Ryan
Gettler-Ryan

Attn: Deanna L. Harding
Attn: Cheryl Hansen



Analysis Report

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REVISED

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300.

Respectfully Submitted,

A handwritten signature in cursive script that reads "Robin C. Runkle".

Robin C. Runkle
Senior Chemist



Analysis Report

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Lancaster Laboratories Sample No. WW 4369419

QA-T-041001 NA Water
 Facility# 206265 Job# 385161 MTI# 61D-1953 GRD
 Powell@Landregan-Emeryvil SLT2007076 QA
 Collected: 10/01/2004

Account Number: 10904

Submitted: 10/06/2004 08:50
 Reported: 05/06/2005 at 08:57
 Discard: 06/06/2005

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

POWQA

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	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	10/08/2004	03:25	Victoria M Martell	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	10/14/2004	18:57	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/08/2004	03:25	Victoria M Martell	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/14/2004	18:57	Anita M Dale	n.a.

Lancaster Laboratories Sample No. **WW 4369420**

 MW-17-W-041001 Grab Water
 Facility# 206265 Job# 385161 MTI# 61D-1953 GRD
 Powell@Landregan-Emeryvil SLT2007076 MW-17
 Collected: 10/01/2004 13:59 by FT

Account Number: 10904

 Submitted: 10/06/2004 08:50
 Reported: 05/06/2005 at 08:57
 Discard: 06/06/2005

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

POW17

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	1.	0.8	ug/l	1
05396	Chloroform	67-66-3	0.9	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	13.	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.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	7.	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.	0.8	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	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



Analysis Report

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Lancaster Laboratories Sample No. WW 4369420

MW-17-W-041001 Grab Water
Facility# 206265 Job# 385161 MTI# 61D-1953 GRD
Powell@Landregan-Emeryvil SLT2007076 MW-17
Collected: 10/01/2004 13:59 by FT

Account Number: 10904

Submitted: 10/06/2004 08:50
Reported: 05/06/2005 at 08:57
Discard: 06/06/2005

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

POW17

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	10/08/2004 03:54		Victoria M Martell	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/08/2004 06:30		Anastasia Papadopoulos	1
05383	EPA SW846/8260 (water) cont	SW-846 8260B	1	10/08/2004 06:30		Anastasia Papadopoulos	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/08/2004 06:30		Anastasia Papadopoulos	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/08/2004 03:54		Victoria M Martell	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/08/2004 06:30		Anastasia Papadopoulos	n.a.

Lancaster Laboratories Sample No. WW 4369421

 MW-19A-W-041001 Grab Water
 Facility# 206265 Job# 385161 MTI# 61D-1953 GRD
 Powell@Landregan-Emeryvil SLT2007076 MW-19A
 Collected: 10/01/2004 14:39 by FT

Account Number: 10904

 Submitted: 10/06/2004 08:50
 Reported: 05/06/2005 at 08:57
 Discard: 06/06/2005

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

POW19

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.						
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.		ug/l	1
05386	Vinyl Chloride	75-01-4	1.	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	8.	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	46.	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	95.	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.	0.7		ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8		ug/l	1
05409	Tetrachloroethene	127-18-4	540.	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.	0.8		ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.8		ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8		ug/l	1
05419	Bromoform	75-25-2	N.D.	1.		ug/l	1
05421	1,1,1,2-Tetrachloroethane	79-34-5	2.	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 4369421**
MW-19A-W-041001 **Grab** **Water**
 Facility# 206265 Job# 385161 MTI# 61D-1953 GRD
 Powell@Landregan-Emeryvil SLT2007076 MW-19A
 Collected: 10/01/2004 14:39 by FT

Account Number: 10904

 Submitted: 10/06/2004 08:50
 Reported: 05/06/2005 at 08:57
 Discard: 06/06/2005

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

POW19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
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	5.	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	10/08/2004 04:23	Victoria M Martell	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/08/2004 06:56	Anastasia Papadoplos	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	10/11/2004 13:27	Dawn M Harle	5
05383	EPA SW846/8260 (water) cont	SW-846 8260B	1	10/08/2004 06:56	Anastasia Papadoplos	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	10/08/2004 06:56	Anastasia Papadoplos	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/08/2004 04:23	Victoria M Martell	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/08/2004 06:56	Anastasia Papadoplos	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	10/11/2004 13:27	Dawn M Harle	n.a.

Quality Control Summary

 Client Name: ChevronTexaco c/o Cambria
 Reported: 05/06/05 at 08:57 AM

Group Number: 915019

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

<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>
Batch number: 04281A08C TPH-GRO - Waters	Sample number(s): 4369419-4369421 N.D.	50.	ug/l	104	109	70-130	5	30
Batch number: N042812AB	Sample number(s): 4369420-4369421							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		77-127		
Chloromethane	N.D.	1.	ug/l	123		66-143		
Vinyl Chloride	N.D.	1.	ug/l	111		71-134		
Bromomethane	N.D.	1.	ug/l	103		55-131		
Chloroethane	N.D.	1.	ug/l	107		59-133		
Trichlorofluoromethane	N.D.	2.	ug/l	109		67-140		
1,1-Dichloroethene	N.D.	0.8	ug/l	104		79-130		
Methylene Chloride	N.D.	2.	ug/l	106		80-128		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	99		81-124		
1,1-Dichloroethane	N.D.	1.	ug/l	111		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	102		84-117		
Chloroform	N.D.	0.8	ug/l	106		86-124		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	103		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	100		77-130		
Benzene	N.D.	0.5	ug/l	107		85-117		
1,2-Dichloroethane	N.D.	0.5	ug/l	103		77-132		
Trichloroethene	N.D.	1.	ug/l	102		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	111		80-117		
Bromodichloromethane	N.D.	1.	ug/l	104		83-121		
Toluene	N.D.	0.5	ug/l	107		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	106		86-113		
Tetrachloroethene	N.D.	0.8	ug/l	97		82-126		
Dibromochloromethane	N.D.	1.	ug/l	100		78-119		
Chlorobenzene	N.D.	0.8	ug/l	106		85-115		
Ethylbenzene	N.D.	0.5	ug/l	106		82-119		
m+p-Xylene	N.D.	0.5	ug/l	104		84-120		
o-Xylene	N.D.	0.5	ug/l	103		82-113		
Bromoform	N.D.	1.	ug/l	91		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	102		72-119		
1,3-Dichlorobenzene	N.D.	1.	ug/l	103		81-114		
1,4-Dichlorobenzene	N.D.	1.	ug/l	104		84-116		
1,2-Dichlorobenzene	N.D.	1.	ug/l	104		81-112		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	105		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	103		78-114		
Freon 113	N.D.	2.	ug/l	105		73-140		
Batch number: N042812AC Tetrachloroethene	Sample number(s): 4369421 N.D.	0.8	ug/l	97		82-126		
Batch number: Z042882AA	Sample number(s): 4369419							

*- 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: 05/06/05 at 08:57 AM

Group Number: 915019

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	94	93	77-127	1	30
Benzene	N.D.	0.5	ug/l	100	96	85-117	4	30
Toluene	N.D.	0.5	ug/l	100	96	85-115	4	30
Ethylbenzene	N.D.	0.5	ug/l	100	96	82-119	4	30
Xylene (Total)	N.D.	0.5	ug/l	101	97	83-113	4	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 04281A08C TPH-GRO - Waters	Sample number(s): 4369419-4369421 121 63-154								
Batch number: N042812AB	Sample number(s): 4369420-4369421								
Methyl Tertiary Butyl Ether	63*	138*	69-134	18	30				
Chloromethane	128	139	69-157	8	30				
Vinyl Chloride	126	131	70-151	4	30				
Bromomethane	107	113	59-143	5	30				
Chloroethane	118	121	63-142	2	30				
Trichlorofluoromethane	126	132	67-163	4	30				
1,1-Dichloroethene	118	120	78-146	2	30				
Methylene Chloride	108	111	79-133	2	30				
trans-1,2-Dichloroethene	108	111	82-133	2	30				
1,1-Dichloroethane	121	123	85-135	1	30				
cis-1,2-Dichloroethene	109	106	83-126	2	30				
Chloroform	111	113	82-131	2	30				
1,1,1-Trichloroethane	114	114	81-142	1	30				
Carbon Tetrachloride	112	115	73-144	3	30				
Benzene	116	117	83-128	1	30				
1,2-Dichloroethane	109	110	73-136	1	30				
Trichloroethene	111	110	75-135	1	30				
1,2-Dichloropropane	118	119	81-121	1	30				
Bromodichloromethane	108	108	80-129	1	30				
Toluene	113	113	83-127	0	30				
1,1,2-Trichloroethane	105	104	77-125	1	30				
Tetrachloroethene	106	106	78-133	0	30				
Dibromochloromethane	101	100	73-119	1	30				
Chlorobenzene	109	107	83-120	1	30				
Ethylbenzene	111	108	82-129	3	30				
m-p-Xylene	110	108	82-130	2	30				
o-Xylene	109	105	82-130	3	30				
Bromoform	86	82	64-119	4	30				
1,1,2,2-Tetrachloroethane	94	89	69-121	5	30				
1,3-Dichlorobenzene	106	103	79-123	3	30				
1,4-Dichlorobenzene	106	103	81-122	3	30				
1,2-Dichlorobenzene	106	104	82-117	2	30				
trans-1,3-Dichloropropene	105	101	75-117	4	30				
cis-1,3-Dichloropropene	105	100	76-117	5	30				
Freon 113	122	131	73-166	7	30				
Batch number: N042812AC Tetrachloroethene	Sample number(s): 4369421 106 106 78-133 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: 05/06/05 at 08:57 AM

Group Number: 915019

Sample Matrix Quality Control

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Batch number: Z042882AA	Sample number(s): 4369419								
Methyl Tertiary Butyl Ether	93		69-134						
Benzene	100		83-128						
Toluene	101		83-127						
Ethylbenzene	101		82-129						
Xylene (Total)	101		82-130						

Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters
 Batch number: 04281A08C
 Trifluorotoluene-F

4369419	105
4369420	105
4369421	105
Blank	102
LCS	103
LCSD	105
MS	106

Limits: 57-146

Analysis Name: EPA SW846/8260 (water)

Batch number: N042812AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4369420	90	88	93	90
4369421	90	87	94	90
Blank	91	89	94	92
LCS	88	87	95	95
MS	88	90	95	95
MSD	91	87	96	97

Limits: 81-120

82-112

85-112

83-113

Analysis Name: 8260 Master Scan (water)

Batch number: N042812AC

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	93	90	94	89
LCS	88	87	95	95
MS	88	90	95	95
MSD	91	87	96	97

Limits: 81-120

82-112

85-112

83-113

Analysis Name: BTEX+MTBE by 8260B

Batch number: Z042882AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	93	90	94	89
LCS	88	87	95	95
MS	88	90	95	95
MSD	91	87	96	97

*- 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: 05/06/05 at 08:57 AM

Group Number: 915019

Surrogate Quality Control

4369419	105	102	105	102
Blank	105	101	106	102
LCS	105	102	105	103
LCSD	105	101	105	102
MS	107	101	105	103
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:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	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.		
>	greater than		
J	estimated value - The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	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.		
ppb	parts per billion		
Dry weight basis	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	Inorganic Qualifiers
A TIC is a possible aldol-condensation product	B Value is $<$ CRDL, but \geq IDL
B Analyte was also detected in the blank	E Estimated due to interference
C Pesticide result confirmed by GC/MS	M Duplicate injection precision not met
D Compound quantitated on a diluted sample	N Spike sample not within control limits
E Concentration exceeds the calibration range of the instrument	S Method of standard additions (MSA) used for calculation
N Presumptive evidence of a compound (TICs only)	U Compound was not detected
P Concentration difference between primary and confirmation columns $>$ 25%	W Post digestion spike out of control limits
U Compound was not detected	* Duplicate analysis not within control limits
X,Y,Z Defined in case narrative	+ 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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