



# GETTLER-RYAN INC.

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## TRANSMITTAL

Alameda County

December 18, 2002

G-R #386423

JAN 09 2003

Environmental Health

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

CC: Ms. Harriet Reich  
Chevron Products Company  
P.O. Box 6004  
San Ramon, California 94583

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

Ken  
1123103  
AG

RE: Former Chevron Service Station  
#9-1153  
3135 Gibbons Drive  
(Former Address: 3126 Fernside Blvd.)  
Alameda, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	December 13, 2002	Groundwater Monitoring and Sampling Report Fourth Quarter - Event of November 8, 2002

### COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **January 3, 2003**, at which time the final report will be distributed to the following:

- cc: Ms. Eva Cho, Alameda County Health Care Services, Dept. of Environmental Health, 1153 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Mr. Mark Hom, 3135 Gibbons Drive, Alameda, CA 94501
- Mr. Greg Gurs, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670

Enclosures



# GETTLER-RYAN INC.

December 13, 2002  
G-R Job #386423

Ms. Karen Streich  
Chevron Products Company  
P.O. Box 6004  
San Ramon, CA 94583

**RE: Fourth Quarter Event of November 8, 2002**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(Former Address: 3126 Fernside Blvd.)  
Alameda, California

Dear Ms. Streich:

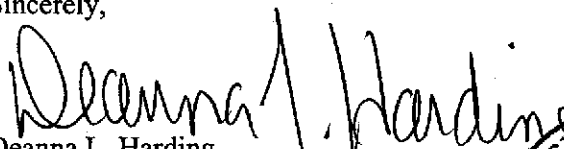
This report documents the monthly site visits and the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

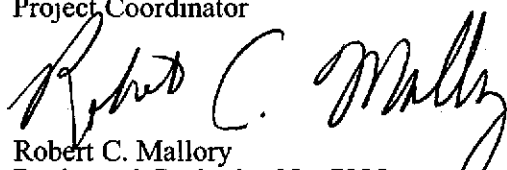
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Tables 1 and 2. A Potentiometric Map is included as Figure 1.

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

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

Sincerely,

  
Deanna L. Harding  
Project Coordinator

  
Robert C. Mallory  
Registered Geologist, No. 7285

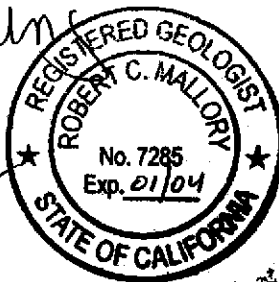
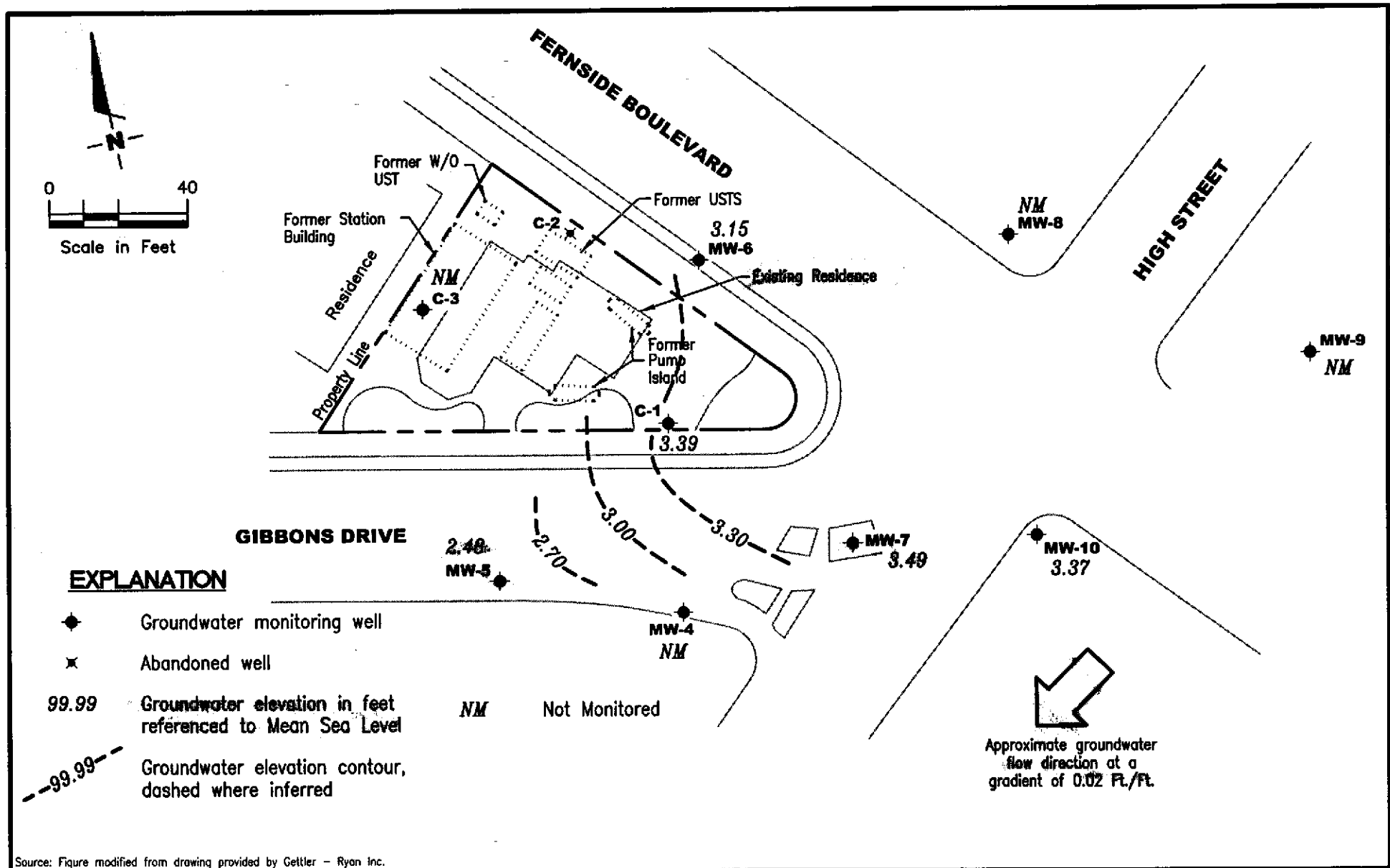


Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Separate Phase Hydrocarbon Thickness/Removal Data  
Table 3: Dissolved Oxygen Concentrations  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by Gettler - Ryan Inc.

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

**POTENTIOMETRIC MAP**  
 Former Chevron Service Station #9-1153  
 3135 Gibbons Drive (3126 Fernside Blvd)  
 Alameda, California

FIGURE

1

PROJECT NUMBER  
 386423

REVIEWED BY

DATE  
 November 8, 2002

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
C-1	08/18/86	4.10	--	--	--	--	--	--	--	--	
	09/04/86	--	--	--	15,000	760	820	1,500	--	--	
	07/22/87	--	--	--	1,100	250	7.0	40	--	--	
	05/03/89	4.46	--	--	6,900	3,800	190	229	--	--	
	12/04/89	4.16	--	--	17,000	8,000	490	470	--	--	
	02/14/90	3.64	--	--	19,000	12,000	990	1,050	--	--	
	03/07/90	3.36	--	--	--	4,260	261	430	--	--	
	09/06/91	4.43	--	--	21,000	10,000	100	240	560	--	
	12/15/91	4.78	--	--	20,000	4,900	43	110	330	--	
	03/03/92	2.39	--	--	13,000	5,800	730	340	1,200	--	
4.08	06/04/92	4.08	0.00	--	34,000	9,400	350	290	1,200	--	
	10/13/92	4.75	-0.67	--	24,000	11,000	98	280	530	--	
	01/11/93	2.26	1.82	Sheen	7,100	1,500	130	150	700	--	
	04/14/93	2.90	1.18	Sheen	29,000	7,300	4,000	640	2,300	--	
	07/13/93	3.97	0.11	Sheen	650,000	27,000	18,000	6,300	29,000	--	
7.50	10/19/93	4.50	-0.42	--	40,000	12,000	730	1,100	3,600	--	
	11/30/93	4.27	3.23	--	--	--	--	--	--	--	
	01/27/94	3.35	4.15	--	36,000	8,600	220	670	1,900	--	
	04/07/94	3.42	4.08	--	53,000	12,000	3,500	480	3,300	--	
	07/01/94	3.96	3.54	--	65,000	19,000	5,900	1,000	9,000	--	
	10/05/94	4.39	3.11	--	160,000	23,000	12,000	2,200	11,000	--	
	01/12/95	1.52	6.38	0.50	--	--	--	--	--	--	
	04/26/95	4.40	4.86	2.20	--	--	--	--	--	--	
	07/12/95	4.85	4.10	1.81	--	--	--	--	--	--	
	10/30/95	5.67	3.13	1.63	--	--	--	--	--	--	
	01/04/96	3.92	3.68	0.12	--	--	--	--	--	--	
	01/10/96	3.48	4.12	0.13	--	--	--	--	--	--	
	01/17/96	3.40	4.12	0.02	--	--	--	--	--	--	
	01/22/96	2.90	4.60	0.00	--	82,000	18,000	4,400	1,400	5,200	<1,000
	02/23/96	4.10	4.89	1.86	--	--	--	--	--	--	--
02/28/96	--	--	>0.83	--	--	--	--	--	--	--	
03/08/96	2.86	6.10	1.83	--	--	--	--	--	--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1	03/08/96	2.30	5.49	0.36	--	--	--	--	--	--
(cont)	03/08/96	2.33	5.46	0.36	--	--	--	--	--	--
	03/08/96	2.28	5.40	0.22	--	--	--	--	--	--
	03/26/96	3.96	4.56	1.28	--	--	--	--	--	--
	04/11/96	5.61	3.29	1.75	--	--	--	--	--	--
	04/19/96	3.09	4.44	0.04	--	--	--	--	--	--
	04/24/96	3.04	4.48	0.03	--	--	--	--	--	--
	05/03/96	4.02	3.85	0.46	--	--	--	--	--	--
	05/03/96	3.89	3.99	0.47	--	--	--	--	--	--
	05/08/96	4.25	3.53	0.35	--	--	--	--	--	--
	05/17/96	3.24	4.29	0.04	--	--	--	--	--	--
	05/17/96	3.35	4.16	0.01	--	--	--	--	--	--
	05/17/96	3.43	4.08	0.01	--	--	--	--	--	--
	05/17/96	3.65	3.86	0.01	--	--	--	--	--	--
	05/22/96	3.10	4.46	0.07	--	--	--	--	--	--
	06/18/96	4.68	3.20	0.48	--	--	--	--	--	--
	07/03/96	5.03	2.57	0.13	--	--	--	--	--	--
	07/09/96	4.63	3.05	0.23	--	--	--	--	--	--
	07/17/96	4.73	2.89	0.15	--	--	--	--	--	--
	07/29/96	5.10	2.47	0.09	--	--	--	--	--	--
	08/02/96	5.68	1.84	0.03	--	--	--	--	--	--
	08/07/96	5.16	2.35	0.01	--	--	--	--	--	--
	08/23/96	5.75	1.77	0.03	--	--	--	--	--	--
	08/28/96	5.53	1.99	0.03	--	--	--	--	--	--
	09/06/96	5.38	2.12	--	--	--	--	--	--	--
	09/12/96	5.48	2.04	0.03	--	--	--	--	--	--
	09/19/96	6.32	1.20	0.03	--	--	--	--	--	--
	10/10/96	4.58	3.00	0.10	--	--	--	--	--	--
	10/17/96	5.61	1.90	0.01	--	--	--	--	--	--
	10/29/96	6.01	1.49	--	--	--	--	--	--	--
	11/07/96	5.56	1.94	0.04	--	--	--	--	--	--
	11/11/96	5.32	2.18	0.04	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1	12/20/96	3.33	4.17	0.03	--	--	--	--	--	--
(cont)	12/17/96	3.73	3.77	0.01	--	--	--	--	--	--
	01/15/97	2.74	4.76	--	47,000	16,000	2,800	1,300	4,900	<1,000
	01/22/97	1.37	6.13	0.19	--	--	--	--	--	--
	02/04/97	2.98	4.52	0.51	--	--	--	--	--	--
	02/20/97	4.09	3.41	0.13	--	--	--	--	--	--
	03/06/97	3.75	3.75	0.56	--	--	--	--	--	--
	03/14/97	3.82	3.68	0.03	--	--	--	--	--	--
	03/20/97	3.73	3.77	0.03	--	--	--	--	--	--
	03/25/97	4.32	3.18	0.01	--	--	--	--	--	--
	03/31/97	3.71	3.79	0.03	--	--	--	--	--	--
	04/03/97	4.60	2.92	0.03	--	--	--	--	--	--
	04/09/97	4.25	3.27	0.02	--	--	--	--	--	--
	04/24/97	4.65	2.87	0.02	--	--	--	--	--	--
	04/30/97	3.50	4.02	0.02	--	--	--	--	--	--
	05/22/97	4.97	2.53	--	--	--	--	--	--	--
	06/03/97	3.62	3.93	0.06	--	--	--	--	--	--
	07/09/97	4.30	3.25	0.06	--	--	--	--	--	--
	08/12/97	5.18	2.32	0.00	--	--	--	--	--	--
	09/30/97	5.25	2.65	0.50	--	--	--	--	--	--
	10/29/97	5.33	2.19	0.03	--	--	--	--	--	--
	11/13/97	4.86	2.66	0.02	--	--	--	--	--	--
	12/18/97	2.34	5.16	--	--	--	--	--	--	--
	01/14/98	0.25	7.27	0.02	--	--	--	--	--	--
	02/02/98	2.35	5.19	0.05	--	--	--	--	--	--
	03/16/98	2.50	5.40	0.50	--	--	--	--	--	--
	04/17/98	2.65	5.17	0.40	--	--	--	--	--	--
	05/01/98	2.39	5.14	0.04	--	--	--	--	--	--
	06/17/98	3.26	4.30	0.08	--	--	--	--	--	--
	07/15/98	3.55	3.95	--	110,000	22,000	22,000	1,000	10,000	<250
	09/01/98	4.00	3.50	--	--	--	--	--	--	--
	10/27/98	4.48	3.02	--	45,000	12,000	5,400	590	4,300	<500

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**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
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Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1	11/19/98	3.89	3.61	--	--	--	--	--	--	--
(cont)	12/19/98	2.13	5.39	0.02	--	--	--	--	--	--
	01/20/99	3.98	3.52	--	50,300	7,050	5,030	244	6,090	<40
	02/24/99	2.55	4.95	--	--	--	--	--	--	--
	03/26/99	2.14	5.97	0.76	--	--	--	--	--	--
	04/19/99	1.04	6.46	--	150,000	21,000	20,000	3,000	18,000	<2.5/49 <sup>2</sup>
	07/29/99	3.76	3.76	0.02	--	--	--	--	--	--
	08/30/99	4.30	3.20	--	--	--	--	--	--	--
	09/23/99	3.84	3.68	0.02	--	--	--	--	--	--
	10/13/99	1.27	6.23	--	136,000	23,900	30,000	2,390	17,300	<500
	11/17/99	3.59	3.91	--	--	--	--	--	--	--
	12/08/99	3.79	3.71	--	--	--	--	--	--	--
	01/25/00	1.99	5.54	0.04	--	--	--	--	--	--
	04/03/00	2.20	5.38**	0.10	--	--	--	--	--	--
	05/26/00	2.52	5.16**	0.23	--	--	--	--	--	--
	06/19/00	2.89	4.76**	0.19	--	--	--	--	--	--
	07/03/00	3.45	4.25**	0.25	--	--	--	--	--	--
	08/01/00	3.78	3.85**	0.16	--	--	--	--	--	--
	09/30/00	4.03	3.50**	0.04	--	--	--	--	--	--
	10/23/00	4.15	3.37**	0.03	--	--	--	--	--	--
	11/21/00	3.42	4.08	0.00	--	--	--	--	--	--
	12/22/00	2.96	4.54	0.00	--	--	--	--	--	--
	01/08/01	2.94	4.56	0.00	--	--	--	--	--	--
	02/17/01	2.09	5.88**	0.59	--	--	--	--	--	--
	03/13/01	2.20	5.91**	0.76	--	--	--	--	--	--
	04/09/01	2.45	5.26**	0.26	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	05/18/01	2.70	5.27**	0.59	--	--	--	--	--	--
	06/12/01	3.50	4.78**	0.97	--	--	--	--	--	--
	07/19/01	4.25	4.01**	0.95	--	--	--	--	--	--
	08/23/01	4.34	3.22**	0.07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	09/17/01	4.39	3.17**	0.08	--	--	--	--	--	--
	10/08/01	4.45	3.08**	0.04	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
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Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-1 (cont)	11/27/01	3.89	3.61	0.00	330,000	9,800	5,300	3,800	22,000	<50
	12/17/01	1.81	5.69	0.00	--	--	--	--	--	--
	01/07/02	2.27	5.64**	0.51	--	--	--	--	--	--
	02/26/02	2.70	5.22**	0.52	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	03/27/02	2.87	5.47**	1.05	--	--	--	--	--	--
	04/08/02	2.45	6.03**	1.23	--	--	--	--	--	--
	05/23/02	3.57	4.35**	0.52	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	06/17/02	3.90	3.88**	0.35	--	--	--	--	--	--
	07/31/02	4.12	3.54**	0.20	--	--	--	--	--	--
	08/09/02	4.15	3.48**	0.16	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	09/17/02	4.33	3.27**	0.12	--	--	--	--	--	--
	10/15/02	4.51	3.11**	0.15	--	--	--	--	--	--
	11/08/02	4.11	3.39	0.00	51,000	7,000	510	820	5,800	<3.0
C-2	08/18/86	--	--	--	--	--	--	--	--	--
	09/04/86	--	--	--	1,100	49	18	84	--	--
	07/22/87	--	--	--	<50	1.8	<1.0	<4.0	--	--
ABANDONED										
C-3	08/18/86	4.00	--	--	--	--	--	--	--	--
	09/04/86	--	--	--	50	3.2	5.4	5.8	--	--
	07/22/87	--	--	--	<50	<0.5	<1.0	<4.0	--	--
	05/03/89	4.15	--	--	<50	<0.5	<1.0	<2.0	--	--
	12/04/89	4.24	--	--	<250	<0.5	<0.5	<0.5	--	--
	02/14/90	3.57	--	--	<50	<0.5	<0.5	<0.5	--	--
	03/07/90	3.31	--	--	--	<5.0	<5.0	<5.0	--	--
09/06/91	4.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3	12/15/91	4.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
(cont)	03/03/92	2.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
4.41	06/04/92	4.01	0.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/13/92	4.79	-0.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/11/93	2.01	2.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/14/93	2.76	1.65	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/13/93	3.96	0.45	--	<50	<0.5	<0.5	<0.5	<1.5	--
	10/19/93	4.53	-0.12	--	66	12	1.4	1.0	8.4	--
7.83	11/30/93	4.04	3.79	--	--	--	--	--	--	--
	01/27/94	3.17	4.66	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/07/94	3.20	4.63	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/01/94	3.99	3.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/94	4.54	3.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/12/95	0.80	7.03	--	<50	<0.5	<0.5	<0.5	<0.5	--
	05/02/95	2.15	5.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/12/95	3.42	4.41	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/30/95	4.46	3.37	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/96	1.73	6.10	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/24/96	2.62	5.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/29/96	3.94	3.89	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/10/96	4.06	3.77	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/15/97	1.54	6.29	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/97	3.23	4.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	4.36	3.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/29/97	4.65	3.18	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/14/98	0.77	7.06	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/15/98	3.72	4.11	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/20/99	2.65	5.18	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
	04/19/99	1.78	6.05	--	--	--	--	--	--	--
	04/03/00	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	07/03/00	--	--	--	--	--	--	--	--	--
	10/23/00	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
C-3	01/08/01 <sup>11</sup>	3.71	4.12	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
(cont)	04/09/01	--	--	--	--	--	--	--	--	--
	08/23/01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	11/27/01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	02/26/02	2.38	5.45	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/23/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	08/09/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	11/08/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
<b>MW-4</b>										
3.58	06/04/92	3.63	-0.05	--	<50	0.8	<0.5	<0.5	<0.5	--
	10/13/92	--	--	--	--	--	--	--	--	--
	01/11/93	1.89	1.69	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/14/93	2.20	1.38	--	<50	<0.5	<0.5	<0.5	<1.5	--
	07/13/93	3.51	0.07	--	54	2.6	1.6	<0.5	<1.5	--
	10/19/93	4.22	-0.64	--	<50	<0.5	<0.5	<0.5	<0.5	--
7.01	11/30/93	4.01	3.00	--	--	--	--	--	--	--
	01/27/94	2.89	4.12	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/07/94	3.06	3.95	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/01/94	3.59	3.42	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/94	4.33	2.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/12/95	1.20	5.81	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/26/95	1.15	5.86	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/12/95	2.72	4.29	--	<50	6.4	<0.5	0.63	0.72	--
	10/30/95	4.08	2.93	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/96	1.76	5.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/24/96	1.95	5.06	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/29/96	3.37	3.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/10/96	3.96	3.05	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/15/97	1.27	5.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/97	2.11	4.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
MW-4 (cont)	07/09/97	4.04	2.97	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
	10/29/97	4.56	2.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
	01/14/98	0.39	6.62	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
	01/20/99	2.83	4.18	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
	04/19/99	2.91	4.10	--	--	--	--	--	--	--	
	01/25/00	1.92	5.09	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
	04/03/00	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	
	07/03/00	--	--	--	--	--	--	--	--	--	
	10/23/00	--	--	--	--	--	--	--	--	--	
	01/08/01 <sup>11</sup>	3.02	3.99	0.00	87 <sup>12</sup>	<0.50	<0.50	0.55	2.9	<2.5	
	04/09/01	--	--	--	--	--	--	--	--	--	
	08/23/01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	
	11/27/01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	
	02/26/02	1.37	5.64	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
	05/23/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	
	08/09/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	
	11/08/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	
	MW-5 3.61	06/04/92	3.25	0.36	--	560	110	0.5	37	2.2	--
		10/13/92	4.20	-0.59	--	1,200	150	<2.5	84	8.6	--
01/11/93		1.30	2.31	--	1,300	48	1.0	83	33	--	
04/14/93		1.20	2.41	--	2,600	240	6.1	250	170	--	
07/13/93		3.15	0.46	--	1,700	260	7.8	160	100	--	
10/19/93		3.82	-0.21	--	1,900	190	3.3	200	93	--	
7.04		11/30/93	3.56	3.48	--	--	--	--	--	--	--
		01/27/94	2.42	4.62	--	4,000	100	12	210	110	--
		04/07/94	2.33	4.71	--	2,600	170	10	150	88	--
		07/01/94	3.18	3.86	--	2,300	350	9.1	110	76	--
		10/05/94	3.98	3.06	--	11,000	840	150	130	340	--
		01/12/95	0.40	6.64	--	2,300	82	<2.5	54	20	--

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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5	04/26/95	0.50	6.54	--	1,600	52	<5.0	36	61	--
(cont)	07/12/95	2.41	4.63	--	2,800	150	<5.0	34	38	--
	10/30/95	3.78	3.26	--	1,100	81	<5.0	<5.0	<5.0	35
	01/22/96	0.78	6.26	--	880	7.3	<2.0	15	4.8	<10
	04/24/96	1.65	5.39	--	1,600	51	3.8	14	5.6	56
	07/29/96	INACCESSIBLE		--	--	--	--	--	--	--
	10/10/96	3.60	3.44	--	1,000	18	<1.2	1.5	<1.2	<6.2
	01/15/97	0.45	6.59	--	520	0.84	<0.5	3.1	1.2	8.4
	04/03/97	2.11	4.93	--	1,400	13	<2.0	4.3	8.4	32
	07/09/97	3.71	3.33	--	810	3.6	0.97	<0.5	<0.5	9.7
	10/29/97	4.20	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/14/98	0.00	7.04	--	430	5.8	2.4	<0.5	1.6	17
	04/17/98	0.71	6.33	--	SAMPLED SEMI-ANNUALLY		--	--	--	--
	07/15/98	0.00	7.04	--	990	11	3.9	0.56	2.2	61
	10/27/98	4.23	2.81	--	--	--	--	--	--	--
	01/20/99	2.58	4.46	--	168	<0.5	<0.5	<0.5	0.692	<2.0
	04/19/99	2.07	4.97	--	--	--	--	--	--	--
	07/29/99	3.43	3.61	--	246	1.54	<0.5	<0.5	<0.5	<5.0/<2.0 <sup>2</sup>
	10/13/99	INACCESSIBLE		--	--	--	--	--	--	--
	01/25/00	1.51	5.53	--	169	1.94	<0.5	<0.5	<0.5	201
	04/03/00	1.20	5.84	0.00	--	--	--	--	--	--
	07/03/00	2.98	4.06	0.00	320 <sup>6,10</sup>	5.3	1.1	<0.50	<0.50	5.0
	10/23/00	4.18	2.86	0.00	--	--	--	--	--	--
	01/08/01 <sup>11</sup>	2.92	4.12	0.00	220 <sup>6</sup>	3.9	<0.50	<0.50	<0.50	7.7
	04/09/01	1.01	6.03	0.00	--	--	--	--	--	--
	08/23/01	3.48	3.56	0.00	630	40	3.5	<2.5	<2.5	43
	11/27/01	3.05	3.99	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
	02/26/02	1.00	6.04	0.00	410	4.3	<0.50	<0.50	<1.5	<2.5
	05/23/02	2.21	4.83	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
	08/09/02	3.38	3.66	0.00	240	1.3	<0.50	<0.50	<1.5	<2.5
	11/08/02	4.56	2.48	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--

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Former Chevron Service Station #9-1153  
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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6										
3.85	06/04/92	3.89	-0.04	--	210	54	<0.5	1.9	2.4	--
	10/13/92	4.56	-0.71	--	10,000	5,300	<10	70	<10	--
	01/11/93	2.36	1.49	--	100	50	<0.5	<0.5	<0.5	--
	04/14/93	3.15	0.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/13/93	3.94	-0.09	--	<50	1.8	<0.5	<0.5	<1.5	--
	10/19/93	4.40	-0.55	--	320	150	<0.5	0.8	<0.5	--
7.27	11/30/93	4.16	3.11	--	--	--	--	--	--	--
	01/27/94	3.33	3.94	--	120	45	<0.5	<0.5	<0.5	--
	04/07/94	3.43	3.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/01/94	3.94	3.33	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/94	4.38	2.89	--	8,300	2,400	160	42	190	--
	01/12/95 <sup>1</sup>	2.43	4.84	--	<50	12	<0.5	<0.5	<0.5	--
	04/26/95	2.06	5.21	--	<50	5.5	0.67	<0.5	1.3	--
	07/12/95	3.53	3.74	--	65	27	<0.5	<0.5	<0.5	--
	10/30/95	4.34	2.93	--	<50	3.9	<0.5	<0.5	<0.5	<2.5
	01/22/96	2.61	4.66	--	<50	0.93	<0.5	<0.5	<0.5	<2.5
	04/24/96	2.50	4.77	--	260	110	<1.2	<1.2	<1.2	<6.2
	07/29/96	3.85	3.42	--	<50	23	<0.5	<0.5	<0.5	<2.5
	10/10/96	4.37	2.90	--	79	31	<0.5	<0.5	<0.5	<2.5
	01/15/97	2.63	4.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/97	3.42	3.85	--	670	360	<5.0	<5.0	<5.0	<25
	07/09/97	4.29	2.98	--	330	140	<2.0	<2.0	<2.0	<10
	10/29/97	4.56	2.71	--	400	260	<2.0	<2.0	<2.0	5.8
	01/14/98	1.01	6.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/17/98	2.94	4.33	--	<50	1.7	<0.5	<0.5	<0.5	<2.5
	07/15/98	4.72	2.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/27/98	INACCESSIBLE		--	--	--	--	--	--	--
	11/25/98	4.16	3.11	--	110 <sup>3</sup>	54	<0.5	<0.5	<0.5	<2.5
	01/20/99	3.45	3.82	--	<50	10	<0.5	<0.5	<0.5	<2.0
	04/19/99	3.39	3.88	--	<50	2.6	<0.5	<0.5	<0.5	<2.5/<2.0 <sup>2</sup>
	07/29/99 <sup>4</sup>	4.34	2.93	--	<5,000	2,590	<50	<50	<50	<500

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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-6	10/13/99	5.89	1.38	--	9,270	4,610	44.2	<25	<25	<125
(cont)	01/25/00	4.11	3.16	--	529	289	<0.5	<0.5	<0.5	738
	04/03/00 <sup>7,8</sup>	2.84	4.43	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	07/03/00 <sup>7</sup>	3.77	3.50	0.00	91 <sup>6</sup>	89	0.77	<0.50	<0.50	<2.5
	10/12/00	6.32	0.95	0.00	<50	8.0	<0.50	<0.50	<0.50	<2.5
	01/08/01 <sup>7,11</sup>	3.74	3.53	0.00	400 <sup>6</sup>	640	8.2	8.0	5.0	10
	04/09/01 <sup>7</sup>	3.03	4.24	0.00	91.3	22.0	3.36	0.751	2.14	<0.500
	08/23/01 <sup>7</sup>	4.70	2.57	0.00	53 <sup>13</sup>	23	0.50	<0.50	1.1	<2.5
	11/27/01 <sup>14</sup>	4.43	2.84	0.00	<50	4.1	<0.50	<0.50	<1.5	<2.5
	02/26/02 <sup>14</sup>	2.50	4.77	0.00	100	53	<0.50	<0.50	<1.5	<2.5
	05/23/02	3.27	4.00	0.00	610	260	4.2	1.7	2.1	<2.5
	08/09/02	4.11	3.16	0.00	<50	1.1	<0.50	<0.50	<1.5	<2.5
	11/08/02	4.12	3.15	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
<b>MW-7</b>										
8.22	11/30/93	5.33	2.89	--	480	110	41	4.4	38	--
	01/27/94	4.50	3.72	--	120	21	1.1	2.2	4.8	--
	04/07/94	4.62	3.60	--	2,600	630	39	56	94	--
	07/01/94	5.13	3.09	--	2,200	770	42	<10	92	--
	10/05/94	5.61	2.61	--	15,000	3,300	90	130	320	--
	01/12/95	2.83	5.39	--	340	57	<1.3	18	6.4	--
	04/26/95	2.35	5.87	--	15,000	3,700	210	520	800	--
	07/12/95	4.66	3.56	--	7,700	1,800	59	130	370	--
	10/30/95	5.48	2.74	--	770	260	<5.0	33	48	25
	01/22/96	3.34	4.88	--	290	63	<1.0	6.4	5.7	<5.0
	04/24/96	4.12	4.10	--	12,000	2,500	510	380	810	<125
	07/29/96	5.03	3.19	--	2,600	650	<25	61	150	<125
	10/10/96	5.52	2.70	--	5,800	1,700	28	170	210	<62
	01/15/97	2.92	5.30	--	1,000	230	<2.5	28	11	63
	04/03/97	4.65	3.57	--	6,000	1,800	100	140	170	<100
	07/09/97	5.39	2.83	--	5,500	2,200	<20	41	30	<100

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MW-7	10/29/97	5.58	2.64	--	220	40	0.61	3.0	2.4	7.6
(cont)	01/14/98	2.80	5.42	--	140	5.1	<0.5	<0.5	1.4	<2.5
	04/17/98	3.00	5.22	--	13,000	4,200	98	250	240	250
	07/15/98	INACCESSIBLE		--	--	--	--	--	--	--
7.92	08/17/98 <sup>5</sup>	5.52	2.40	--	1,600	380	51	68	280	22
	10/27/98	7.51	0.41	--	190	2.3	0.53	<0.5	<0.5	33
	01/20/99	3.45	4.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
	04/19/99	4.61	3.31	--	6,500	3,000	<0.5	110	210	310/150 <sup>2</sup>
	07/29/99 <sup>4</sup>	5.00	2.92	--	8,390	2,100	129	222	729	248
	10/13/99	5.61	2.31	--	14,300	6,600	58.8	117	190	<125
	01/25/00	3.32	4.60	--	1,100	184	<5.0	13.5	33.7	151
	04/03/00 <sup>7,9</sup>	3.38	4.54	0.00	2,600 <sup>6</sup>	780	12	<5.0	61	95
	07/03/00 <sup>7</sup>	4.34	3.58	0.00	4,100 <sup>6</sup>	2,600	72	240	690	<50
	10/23/00	6.11	1.81	0.00	12,000 <sup>6</sup>	2,600	<50	150	290	<250
	01/08/01 <sup>7,11</sup>	4.32	3.60	0.00	3,900 <sup>6</sup>	2,200	61	140	350	<25
	04/09/01 <sup>7</sup>	3.63	4.29	0.00	25,100	4,590	1,200	843	1,920	48.1
	08/23/01 <sup>7</sup>	4.83	3.09	0.00	27,000	4,100	970	1,100	3,500	<500
	11/27/01	4.30	3.62	0.00	12,000	1,800	50	450	830	91
	02/26/02	3.00	4.92	0.00	15,000	3,100	260	380	860	<10
	05/23/02	3.69	4.23	0.00	28,000	6,000	120	820	1,900	42
	08/09/02	4.38	3.54	0.00	24,000	3,700	81	710	1,300	56
	11/08/02	4.43	3.49	0.00	18,000	2,300	150	660	1,400	<100
MW-8										
6.96	10/17/95	4.40	2.56	--	--	--	--	--	--	--
	10/30/95	4.44	2.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/96	2.24	4.72	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/24/96	2.97	3.99	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/29/96	3.37	3.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/10/96	4.12	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/15/97	0.94	6.02	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-8	04/03/97	2.20	4.76	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
(cont)	07/09/97	4.30	2.66	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/29/97	4.57	2.39	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/14/98	0.83	6.13	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/20/99	2.69	4.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
	04/19/99	3.76	3.20	--	--	--	--	--	--	--
	01/25/00	1.41	5.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/00	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	07/03/00	--	--	--	--	--	--	--	--	--
	10/23/00	--	--	--	--	--	--	--	--	--
	01/08/01 <sup>11</sup>	3.58	3.38	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	04/09/01	--	--	--	--	--	--	--	--	--
	08/23/01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	11/27/01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	02/26/02	2.91	4.05	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/23/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	08/09/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	11/08/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
 <b>MW-9</b>										
7.21	10/17/95	4.80	2.41	--	--	--	--	--	--	--
	10/30/95	4.97	2.24	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/22/96	3.40	3.81	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/24/96	4.18	3.03	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/29/96	4.69	2.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/10/96	5.20	2.01	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/15/97	3.31	3.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/97	4.57	2.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	5.04	2.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/29/97	4.96	2.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/14/98	2.40	4.81	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5



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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-9	01/20/99	4.31	2.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
(cont)	04/19/99	3.92	3.29	--	--	--	--	--	--	--
	01/25/00	2.95	4.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/00	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	07/03/00	--	--	--	--	--	--	--	--	--
	10/23/00	--	--	--	--	--	--	--	--	--
	01/08/01 <sup>11</sup>	4.59	2.62	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	04/09/01	--	--	--	--	--	--	--	--	--
	08/23/01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	11/27/01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	02/26/02	3.75	3.46	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/23/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	08/09/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
	11/08/02	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
<b>MW-10</b>										
7.28	10/17/95	5.05	2.23	--	--	--	--	--	--	--
	10/30/95	5.11	2.17	--	<50	<0.5	<0.5	<0.5	<0.5	5.1
	01/22/96	4.03	3.25	--	<50	<0.5	<0.5	<0.5	0.70	17
	04/24/96	4.30	2.98	--	<50	<0.5	<0.5	<0.5	<0.5	12
	07/29/96	4.70	2.58	--	<50	<0.5	<0.5	<0.5	<0.5	14
	10/10/96	5.24	2.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/15/97	3.35	3.93	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/97	4.64	2.64	--	<50	<0.5	<0.5	<0.5	<0.5	8.2
	07/09/97	5.12	2.16	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/29/97	5.10	2.18	--	<50	<0.5	<0.5	<0.5	<0.5	5.3
	01/14/98	3.08	4.20	--	<50	<0.5	<0.5	<0.5	<0.5	8.6
	04/17/98	3.79	3.49	--	SAMPLED SEMI-ANNUALLY		--	--	--	--
	07/15/98	4.55	2.73	--	<50	<0.5	<0.5	<0.5	<0.5	7.5
	10/27/98	5.32	1.96	--	--	--	--	--	--	--
	01/20/99	4.24	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
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Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
MW-10	04/19/99	4.07	3.21	--	--	--	--	--	--	--	
(cont)	07/29/99	4.82	2.46	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0/2.4 <sup>2</sup>	
	10/13/99	4.86	2.42	--	--	--	--	--	--	--	
	01/25/00	3.00	4.28	--	<50	<0.5	<0.5	<0.5	<0.5	4.33	
	04/03/00	3.04	4.24	0.00	--	--	--	--	--	--	
	07/03/00	4.00	3.28	0.00	<50	<0.50	<0.50	<0.50	<0.50	4.7	
	10/23/00	5.86	1.42	0.00	--	--	--	--	--	--	
	01/08/01 <sup>11</sup>	3.98	3.30	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
	04/09/01	3.74	3.54	0.00	--	--	--	--	--	--	
	08/23/01	INACCESSIBLE - DUE TO TRAFFIC CONTROL				--	--	--	--	--	--
	11/27/01	4.13	3.15	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	
	02/26/02	3.54	3.74	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
	05/23/02	3.82	3.46	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	
	08/09/02	4.18	3.10	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
	11/08/02	3.91	3.37	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	
TMW-1	11/11/93	--	--	--	<1.0	<0.5	<0.5	<0.5	<0.5	--	
	NOT MONITORED/SAMPLED										
<b>3115A GIBBONS DR.</b>											
	01/14/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
<b>Trip Blank</b>											
TB-LB	02/14/90	--	--	--	<50	<0.5	1.1	<0.5	<0.5	--	
	09/06/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
	12/15/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
	03/03/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
	06/04/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	
	10/13/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	

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**Groundwater Monitoring Data and Analytical Results**  
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WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TB-LB	01/11/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
(cont)	04/14/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/13/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/19/93	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
	01/27/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/01/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/05/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/12/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	04/26/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	07/12/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	10/30/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
	01/22/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/24/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/29/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/10/96	--	--	--	--	--	--	--	--	--
	01/15/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/09/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	10/29/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/14/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/17/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/15/98	--	--	--	<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
	01/20/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
	04/19/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	07/29/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
	10/13/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	01/25/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
	04/03/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	07/03/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
	10/23/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
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3135 Gibbons Drive  
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Alameda, California

WELL ID/ TOC*(ft.)	DATE	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
TB-LB	01/08/01 <sup>11</sup>	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
(cont)	04/09/01	--	--	--	<50.0	<0.500	<2.00	<0.500	<2.00	<0.500
	08/23/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA	11/27/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	02/26/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	05/23/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	08/09/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
	11/08/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

**Table 1**  
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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to April 3, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

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

\* TOC elevations are referenced to msl.

\*\* GWE has been corrected due to the presence of SPH; correction factor:  $[(TOC - DTW) + (SPHT \times 0.80)]$ .

<sup>1</sup> Laboratory report indicates EPA 8010 were not detected (ND).

<sup>2</sup> MTBE confirmed.

<sup>3</sup> Chromatogram report indicates an unidentified hydrocarbon.

<sup>4</sup> ORC installed.

<sup>5</sup> TOC elevation altered due to well head maintenance.

<sup>6</sup> Laboratory report indicates gasoline C6-C12.

<sup>7</sup> ORC in well.

<sup>8</sup> Laboratory report indicates Dissolved Oxygen was 1.50 parts per million (ppm) by EPA Method 360.1.

<sup>9</sup> Laboratory report indicates Dissolved Oxygen was 0.300 ppm by EPA Method 360.1.

<sup>10</sup> Laboratory report indicates sample originally shot in hold time at a raise D.L. re-analyzed and reported past hold time.

<sup>11</sup> Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.

<sup>12</sup> Laboratory report indicates unidentified hydrocarbons C6-C12.

<sup>13</sup> Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

<sup>14</sup> ORC removed.

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID	DATE	DTW (ft.)	SPHT (ft.)	AMOUNT BAILED (Product + Water) (gallons)	TOTAL BAILED (Product + Water) (gallons)
C-1	08/18/86	4.10	--	--	--
	09/04/86	--	--	--	--
	07/22/87	--	--	--	--
	05/03/89	4.46	--	--	--
	12/04/89	4.16	--	--	--
	02/14/90	3.64	--	--	--
	03/07/90	3.36	--	--	--
	09/06/91	4.43	--	--	--
	12/15/91	4.78	--	--	--
	03/03/92	2.39	--	--	--
	06/04/92	4.08	--	--	--
	10/13/92	4.75	--	--	--
	01/11/93	2.26	Sheen	--	--
	04/14/93	2.90	Sheen	--	--
	07/13/93	3.97	Sheen	--	--
	10/19/93	4.50	--	--	--
	11/30/93	4.27	--	--	--
	01/27/94	3.35	--	--	--
	04/07/94	3.42	--	--	--
	07/01/94	3.96	--	--	--
	10/05/94	4.39	--	--	--
	01/12/95	1.52	0.50	0.26	0.26
	04/26/95	4.40	2.20	1.32	1.59
	07/12/95	4.85	1.81	0.66	2.25
	10/30/95	5.67	1.63	0.53	2.77
	01/04/96	3.92	0.12	0.26	3.04
	01/10/96	3.48	0.13	0.07	3.10
	01/17/96	3.40	0.02	0.40	3.50
	01/22/96	2.90	0.00	0.00	3.50
	02/23/96	4.10	1.86	0.66	4.16
	02/28/96	--	>0.83	1.25	5.41
	03/08/96	2.86	1.83	0.26	5.68
	03/08/96	2.30	0.36	0.53	6.20
	03/08/96	2.33	0.36	0.26	6.47
	03/08/96	2.28	0.22	0.53	7.00
	03/26/96	3.96	1.28	0.40	7.39
	04/11/96	5.61	1.75	0.53	7.92
	04/19/96	3.09	0.04	0.40	8.32
	04/24/96	3.04	0.03	0.40	8.71
	05/03/96	4.02	0.46	0.40	9.11
	05/03/96	3.89	0.47	0.00	9.11
	05/08/96	4.25	0.35	0.07	9.17
	05/17/96	3.24	0.04	0.03	9.20
	05/17/96	3.35	0.01	0.03	9.23

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
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Alameda, California

<b>WELL ID</b>	<b>DATE</b>	<b>DTW (ft.)</b>	<b>SPHT (ft.)</b>	<b>AMOUNT BAILED (Product + Water) (gallons)</b>	<b>TOTAL BAILED (Product + Water) (gallons)</b>
C-1	05/17/96	3.43	0.01	0.03	9.26
(cont)	05/17/96	3.65	0.01	0.00	9.26
	05/22/96	3.10	0.07	0.08	9.34
	06/18/96	4.68	0.48	0.26	9.60
	07/03/96	5.03	0.13	0.15	9.75
	07/09/96	4.63	0.23	0.09	9.84
	07/17/96	4.73	0.15	0.32	10.16
	07/29/96	5.10	0.09	0.26	10.42
	08/02/96	5.68	0.03	0.03	10.45
	08/07/96	5.16	0.01	0.13	10.59
	08/23/96	5.75	0.03	0.03	10.61
	08/28/96	5.53	0.03	0.01	10.63
	09/06/96	5.38	--	0.05	10.67
	09/12/96	5.48	0.03	0.01	10.68
	09/19/96	6.32	0.03	0.01	10.69
	10/10/96	4.58	0.10	0.13	10.83
	10/17/96	5.61	0.01	0.01	10.84
	10/29/96	6.01	--	--	10.84
	11/07/96	5.56	0.04	0.13	10.97
	11/11/96	5.32	0.04	0.13	11.10
	12/20/96	3.33	0.03	0.05	11.16
	12/17/96	3.73	0.01	0.01	11.17
	01/15/97	2.74	--	--	11.17
	01/22/97	1.37	0.19	0.07	11.23
	02/04/97	2.98	0.51	0.15	11.38
	02/20/97	4.09	0.13	0.11	11.48
	03/06/97	3.75	0.56	1.19	12.67
	03/14/97	3.82	0.03	0.12	12.79
	03/20/97	3.73	0.03	0.01	12.80
	03/25/97	4.32	0.01	--	12.80
	03/31/97	3.71	0.03	0.00	12.81
	04/03/97	4.60	0.03	0.00	12.81
	04/09/97	4.25	0.02	0.03	12.84
	04/24/97	4.65	0.02	0.01	12.84
	04/30/97	3.50	0.02	0.01	12.85
	05/22/97	4.97	--	0.01	12.86
	06/03/97	3.62	0.06	0.01	12.86
	07/09/97	4.30	0.06	0.13	13.00
	08/12/97	5.18	0.00	0.05	13.05
	09/30/97	5.25	0.50	0.07	13.12
	10/29/97	5.33	0.03	0.02	13.14
	11/13/97	4.86	0.02	0.03	13.16
	12/18/97	2.34	--	--	13.16
	01/14/98	0.25	0.02	0.13	13.29

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID	DATE	DTW (ft.)	SPHT (ft.)	AMOUNT BAILED (Product + Water) (gallons)	TOTAL BAILED (Product + Water) (gallons)
C-1	02/02/98	2.35	0.05	0.03	13.32
(cont)	03/16/98	2.50	0.50	0.13	13.45
	04/17/98	2.65	0.40	0.11	13.56
	05/01/98	2.39	0.04	0.26	13.82
	06/17/98	3.26	0.08	0.03	13.86
	07/15/98	3.55	--	--	13.86
	09/01/98	4.00	--	--	13.86
	10/27/98	4.48	--	--	13.86
	11/19/98	3.89	--	--	13.86
	12/19/98	2.13	0.02	0.04	13.90
	01/20/99	3.98	--	--	13.90
	02/24/99	2.55	--	--	13.90
	03/26/99	2.14	0.76	0.26	14.16
	04/19/99	1.04	--	--	14.16
	04/19/99	1.04	--	--	--
	07/29/99	3.76	0.02	0.01	14.17
	08/30/99	4.30	--	--	14.17
	09/23/99	3.84	0.02	0.03	14.20
	10/13/99	1.27	--	--	14.20
	11/17/99	3.59	--	--	--
	12/08/99	3.79	--	--	--
	01/25/00	1.99	0.04	0.03	14.23
	04/03/00	2.20	0.10	0.00	14.23
	05/26/00	2.52	0.23	0.26	14.49
	06/19/00 <sup>1</sup>	2.89	0.19	0.26	14.75
	07/03/00	3.45	0.25	0.26	15.01
	08/01/00	3.78	0.16	0.10	15.11
	09/30/00	4.03	0.04	0.26	15.37
	10/23/00	4.15	0.03	0.26	15.63
	11/21/00	3.42	0.00	0.26	15.89
	12/22/00	2.96	0.00	0.26	16.15
	01/08/01	2.94	0.00	0.26	16.41
	02/17/01	2.09	0.59	0.26	16.67
	03/13/01	2.20	0.76	0.26	16.93
	04/09/01	2.45	0.26	0.26	17.19
	05/18/01	2.70	0.59	0.26	17.45
	06/12/01	3.50	0.97	0.26	17.71
	07/19/01	4.25	0.95	0.26	17.97
	08/23/01	4.34	0.07	0.26	18.23
	09/17/01	4.39	0.08	0.00	18.23
	10/08/01	4.45	0.04	0.02	18.25
	11/27/01	3.89	0.00	0.00	18.25
	12/17/01	1.81	0.00	0.00	18.25



**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

<b>WELL ID</b>	<b>DATE</b>	<b>DTW (ft.)</b>	<b>SPHT (ft.)</b>	<b>AMOUNT BAILED (Product + Water) (gallons)</b>	<b>TOTAL BAILED (Product + Water) (gallons)</b>
C-1	01/07/02	2.27	0.51	1.50	19.75
(cont)	02/26/02	2.70	0.52	0.13	19.88
	03/27/02	2.87	1.05	0.26	20.14
	04/08/02	2.45	1.23	0.53	20.67
	05/23/02	3.57	0.52	0.12	20.79
	06/17/02	3.90	0.35	0.07	20.86
	07/31/02	4.12	0.20	0.02	20.88
	08/09/02	4.15	0.16	0.02	20.90
	<b>09/17/02</b>	<b>4.33</b>	<b>0.12</b>	<b>0.01</b>	<b>20.91</b>
	<b>10/15/02</b>	<b>4.51</b>	<b>0.15</b>	<b>0.04</b>	<b>20.95</b>
	<b>11/08/02</b>	<b>4.11</b>	<b>0.00</b>	<b>0.00</b>	<b>20.95</b>

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

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**EXPLANATIONS:**

Groundwater monitoring data prior to July 3, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

DTW = Depth to Water

(ft.) = Feet

SPHT = Separate Phase Hydrocarbon Thickness

-- = Not Measured

<sup>1</sup> There is no skimmer present in this well.

**Table 3**  
**Dissolved Oxygen Concentrations**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

<b>WELL ID</b>	<b>DATE</b>	<b>PRE-PURGE (mg/L)</b>	<b>POST-PURGE (mg/L)</b>
MW-6	11/08/02	2.10	--
MW-7	11/08/02	-98.00 <sup>1</sup>	--

**EXPLANATIONS:**

mg/L = milligrams per liter

-- = Not Measured

<sup>1</sup> Below D.O. meter range.

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

**CHEVRON SERVICE STATION #9-1153**  
*Alameda, CA*

**MONTHLY MONITORING EVENT**  
*Of September 17, 2002*



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Drive Event Date: 9.17.02  
 City: Alameda, CA Sampler: FT

Well ID: C-1  
 Well Diameter: 3 in.  
 Total Depth: 16.70 ft.  
 Depth to Water: 4.33 ft.

Well Condition: O'K'

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 Bailed: 10:20 (2400 hrs)  
 Depth to Product: 4.21 ft  
 Depth to Water: 4.33 ft  
 Hydrocarbon Thickness: .12 ft  
 Visual Confirmation/Description:  
BLACK  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: 50 ml gal  
 Product Transferred to: SUITABLE CONT.

Start Time (purge): \_\_\_\_\_ Weather Conditions: SUNNY  
 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
C-1	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)

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

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

***CHEVRON SERVICE STATION #9-1153***  
***Alameda, CA***

***MONTHLY MONITORING EVENT***  
***Of October 15, 2002***



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Drive Event Date: 10-15-02  
 City: Alameda, CA Sampler: FT

Well ID: C-1  
 Well Diameter: 3 in.  
 Total Depth: 16.70 ft.  
 Depth to Water: 4.57 ft.

Well Condition: 0 1/2'

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 Bailed: 12:20 (2400 hrs)  
 Depth to Product: 4.36 ft  
 Depth to Water: 4.51 ft  
 Hydrocarbon Thickness: .15 ft  
 Visual Confirmation/Description:  
YES | BLACK  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: 150 mL  
 Product Transferred to: CONTAINER

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 ( $\mu$ mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-1	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)

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

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

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



**CHEVRON SERVICE STATION #9-1153**  
*Alameda, CA*

**QUARTERLY MONITORING & SAMPLING EVENT**  
*Of November 8, 2002*



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr.(Former 3126 Fernside Dr.) Event Date: 11.8.02 (inclusive)  
 City: Alameda, CA Sampler: FT

Well ID: C-1 Well Condition: OK  
 Well Diameter: 2 1/8 in.  
 Total Depth: 16.70 ft.  
 Depth to Water: 4.11 ft.  
12.59 xVF 38 = 4.78 x3 (case volume) = Estimated Purge Volume: 14.35 gal.

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

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

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

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

Start Time (purge): 12:13 Weather Conditions: RAIN  
 Sample Time/Date: 12:27/11.8.02 Water Color: CLEAR Odor: Hydrocarbon  
 Purging Flow Rate: 3.0 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>12:15</u>	<u>4.5</u>	<u>7.08</u>	<u>110</u>	<u>20.2</u>	_____	_____
<u>12:17</u>	<u>9.0</u>	<u>7.10</u>	<u>114</u>	<u>20.8</u>	_____	_____
<u>12:19</u>	<u>14.0</u>	<u>7.12</u>	<u>120</u>	<u>20.9</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>3</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr. (Former 3126 Fernside Dr.) Event Date: 11.8.02 (inclusive)  
 City: Alameda, CA Sampler: FT

Well ID: MW - 5  
 Well Diameter: 2 1/3 in.  
 Total Depth: 12.60 ft.  
 Depth to Water: 4.56 ft.

Well Condition: OK

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

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

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

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)

COMMENTS: "MONITORED ONLY"

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr.(Former 3126 Fernside Dr.) Event Date: 11-8-02 (inclusive)  
 City: Alameda, CA Sampler: FT

Well ID: MW - 6 Well Condition: OK  
 Well Diameter: 2 1/3 in.  
 Total Depth: 13.35 ft.  
 Depth to Water: 4.12 ft.  
9.23 xVF .17 = 1.56 x3 (case volume) = Estimated Purge Volume: 4.70 gal.

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

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

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

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

Start Time (purge): 9:37 Weather Conditions: RAIN  
 Sample Time/Date: 9:58 / 11-8-02 Water Color: CLOUDY / Lt. Brn. Odor: SLIGHT  
 Purging Flow Rate: / gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>9:40</u>	<u>1.5</u>	<u>7.04</u>	<u>90</u>	<u>19.8</u>	<u>0.1</u>	<u>2.1</u>
<u>9:43</u>	<u>3.0</u>	<u>7.05</u>	<u>96.9</u>	<u>20.2</u>		
<u>9:46</u>	<u>4.5</u>	<u>7.07</u>	<u>95.5</u>	<u>20.3</u>		
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C - 6</u>	<u>3</u> x voc vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr. (Former 3126 Fernside Dr.) Event Date: 11.8.02 (inclusive)  
 City: Alameda, CA Sampler: FT

Well ID: MW - 7 Well Condition: OK  
 Well Diameter: 2 / 3 in.  
 Total Depth: 11.83 ft.  
 Depth to Water: 4.43 ft.  
 $7.40 \times VF .17 = 1.25 \times 3 \text{ (case volume)} = \text{Estimated Purge Volume: } 3.77 \text{ gal.}$

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

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

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

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

Start Time (purge): 10:47 Weather Conditions: RAIN  
 Sample Time/Date: 11:00 / 11.8.02 Water Color: CLOUDY / LT. GRAY Odor: YES / STRONG  
 Purging Flow Rate: ✓ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? yes If yes, Time: 10:50 Volume: 1.0 gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>10:50</u>	<u>1.0</u>	<u>7.02</u>	<u>124</u>	<u>21.4</u>	<u>PRG: -98</u>	
	<u>2.0</u>					
	<u>3.5</u>					

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW - 7</u>	<u>3</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8021)</u>

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr.(Former 3126 Fernside Dr.) Event Date: 11.8.02 (inclusive)  
 City: Alameda, CA Sampler: FT

Well ID: MW - 10  
 Well Diameter: 2 / 3 in.  
 Total Depth: 9.05 ft.  
 Depth to Water: 3.91 ft.

Well Condition: OK'

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

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

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

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

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

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

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

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
-	x vob vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8021)

COMMENTS: "MONITORED ONLY"

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

# Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only  
 Acct. #: 10905 Sample #: 3938819-22 SCR#: \_\_\_\_\_

gr# 830507

Facility #: <u>9-1153</u> Job# <u>386423</u> Global ID# <u>T0600100330</u> Site Address: <u>3135 GIBBONS DRIVE, ALAMEDA, CA</u> Chevron PM: <u>Karen Streich</u> Lead Consultant: <u>Delta/G-R</u> Consultant/Office: <u>G-R Inc 6747 Sierra Ct #J Dublin CA 94568</u> Consultant Prj. Mgr.: <u>Deanna L Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>FRANK TERKINOWI</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____				<b>Matrix</b> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air <input type="checkbox"/>		<b>Analyses Requested</b> Preservation Codes BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> 8260 full scan <input type="checkbox"/> Oxygenates <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>										<b>Preservative Codes</b> H = HCl      T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other <input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits							
Sample Identification		Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421	Comments / Remarks					
QA		11-8-02				W				2	XX												
C-1		↓	1227	X		↓				3	XX												
MW-6		↓	0958	X		↓				3	XX												
MW-7		↓	1100	X		↓				3	XX												
Turnaround Time Requested (TAT) (please circle) STD. TAT      72 hour      48 hour 24 hour      4 day      5 day				Relinquished by: <u>Frank Terkinowi</u> Date: <u>11-8-02</u>		Received by: <u>D Vance</u> Date: <u>11/8/02</u>		Relinquished by: <u>D Vance</u> Date: <u>11/12/02</u>		Received by: <u>Andreas Amargos</u> Date: <u>11-11-02</u>		Relinquished by: <u>[Signature]</u> Date: <u>11/12/02</u>		Received by: <u>Arborene</u> Date: <u>11/12/02</u>		Relinquished by Commercial Carrier: UPS      FedEx      Other: <u>Airborne</u>		Received by: <u>[Signature]</u> Date: <u>11/13/02</u>		Temperature Upon Receipt: <u>6-10</u> °C Custody Seals Intact? <input checked="" type="checkbox"/> Yes      No			
Data Package Options (please circle if required) QC Summary      Type I — Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk																							



RECEIVED

NOV 23 2002

GETTLER-RYAN INC  
GENERAL INVESTIGATIONS

## ANALYTICAL RESULTS

Prepared for:

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories  
2425 New Holland Pike  
Lancaster, PA 17605-2425

## SAMPLE GROUP

The sample group for this submittal is 830507. Samples arrived at the laboratory on Wednesday, November 13, 2002. The PO# for this group is 99011184 and the release number is STREICH.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-021108	NA Water	3938819
C-1-W-021108	Grab Water	3938820
MW-6-W-021108	Grab Water	3938821
MW-7-W-021108	Grab Water	3938822

1 COPY TO Delta C/O Gettler-Ryan

Attn: Deanna L. Harding

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

Respectfully Submitted,

Victoria M. Martell  
Chemist



Lancaster Laboratories, Inc.  
2425 New Holland Pike  
PO Box 12425  
Lancaster, PA 17605-2425  
717-656-2300 Fax: 717-656-2681





Lancaster Laboratories Sample No. WW 3938819

Collected: 11/08/2002 00:00

Account Number: 10905

Submitted: 11/13/2002 09:15  
 Reported: 11/19/2002 at 20:28  
 Discard: 12/20/2002  
 QA-T-021108 NA Water  
 Facility# 91153 Job# 386423 GRD  
 3135 Gibbon Dr-Alameda T0600100330 QA

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	11/14/2002 22:03	Melissa D Mann	1
08214	BTEX, MTBE (8021)	Method SW-846 8021B	1	11/14/2002 22:03	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/14/2002 22:03	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit Exceeded target detection limit  
 N.D.=Not detected or above the Reporting Limit





Lancaster Laboratories Sample No. WW 3938820

Collected: 11/08/2002 12:27 by FT

Account Number: 10905

Submitted: 11/13/2002 09:15

Reported: 11/19/2002 at 20:28

Discard: 12/20/2002

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

C-1-W-021108 Grab Water GRD  
Facility# 91153 Job# 386423  
3135 Gibbon Dr-Alameda T0600100330 C-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	51,000.	500.	ug/l	10
	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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	7,000.	10.	ug/l	50
00777	Toluene	108-88-3	510.	2.0	ug/l	10
00778	Ethylbenzene	100-41-4	820.	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	5,800.	6.0	ug/l	10
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	3.0	ug/l	10

A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.

Due to dilution of the sample made necessary by the high level of toluene, normal reporting limits were not attained.

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	11/15/2002 01:57	Melissa D Mann	10
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/15/2002 00:50	Melissa D Mann	50
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/15/2002 01:57	Melissa D Mann	10
01146	GC VOA Water Prep	SW-846 5030B	1	11/15/2002 00:50	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit  
N.D.=Not detected above the Reporting Limit



Lancaster Laboratories, Inc.  
Lancaster, PA 17605-2425  
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. **WW 3938821**

Collected: 11/08/2002 09:58 by FT

Account Number: 10905

Submitted: 11/13/2002 09:15  
 Reported: 11/19/2002 at 20:28  
 Discard: 12/20/2002

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

MW-6-W-021108 Grab Water  
 Facility# 91153 Job# 386423 GRD  
 3135 Gibbon Dr-Alameda T0600100330 MW-6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/14/2002 22:36	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	11/14/2002 22:36	Melissa D Mann	1
01146	GC VQA Water Prep	SW-846 5030B	1	11/14/2002 22:36	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit  
 N.D.=Not detected at or above the Reporting Limit





Lancaster Laboratories Sample No. **WW 3938822**

Collected: 11/08/2002 11:00 by FT

Account Number: 10905

Submitted: 11/13/2002 09:15  
 Reported: 11/19/2002 at 20:28  
 Discard: 12/20/2002

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

MW-7-W-021108 Grab Water  
 Facility# 91153 Job# 386423 GRD  
 3135 Gibbon Dr-Alameda T0600100330 MW-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	18,000.	500.	ug/l	10
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. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	2,300.	2.0	ug/l	10
00777	Toluene	108-88-3	150.	2.0	ug/l	10
00778	Ethylbenzene	100-41-4	660.	2.0	ug/l	10
00779	Total Xylenes	1330-20-7	1,400.	6.0	ug/l	10
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	100.	ug/l	10
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

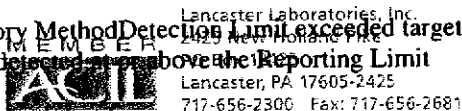
Due to the presence of an interferent near its retention time, the normal reporting limit was not attained for the compound listed below. The presence or concentration of this compound cannot be determined due to the presence of this interferent.  
 Methyl t-butyl ether

State of California Lab Certification No. 2116

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	11/15/2002 01:23	Melissa D Mann	10
08214	BTEX, MTBE (8021)	Method SW-846 8021B	1	11/15/2002 01:23	Melissa D Mann	10
01146	GC VOA Water Prep	SW-846 5030B	1	11/15/2002 01:23	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit  
 N.D.=Not detected or above the Reporting Limit





## Quality Control Summary

Client Name: ChevronTexaco  
 Reported: 11/19/02 at 08:28 PM

Group Number: 830507

### 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: 02318A53A	Sample number(s): 3938819-3938822							
Benzene	N.D.	.2	ug/l	88	88	80-118	0	30
Toluene	N.D.	.2	ug/l	94	94	82-119	0	30
Ethylbenzene	N.D.	.2	ug/l	90	91	81-119	0	30
Total Xylenes	N.D.	.6	ug/l	91	91	82-120	0	30
Methyl tert-Butyl Ether	N.D.	.3	ug/l	85	89	79-127	4	30
TPH-GRO - Waters	N.D.	50.	ug/l	105	107	74-116	2	30

### Sample Matrix Quality Control

<u>Analysis Name</u>	<u>%REC</u>	<u>%REC</u>	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	<u>Dup RPD Max</u>
Batch number: 02318A53A	Sample number(s): 3938819-3938822								
Benzene	90		83-130						
Toluene	94		87-129						
Ethylbenzene	92		86-133						
Total Xylenes	92		86-132						
Methyl tert-Butyl Ether	86		66-140						
TPH-GRO - Waters	112		74-132						

### Surrogate Quality Control

Analysis Name: BTEX, MTBE (8021)  
 Batch number: 02318A53A

	Trifluorotoluene-F	Trifluorotoluene-P
3938819	103	97
3938820	110	92
3938821	101	94
3938822	110	102
Blank	102	99
LCS	102	96
LCSD	104	98
MS	102	98
Limits:	57-146	71-130

\*- 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.



Lancaster Laboratories, Inc.  
 2425 New Holland Pike  
 PO Box 12425  
 Lancaster, PA 17605-2425  
 717-656-2300 Fax: 717-656-2681