GETTLER-RYAN INC.

TRANSMITTAL

April 14, 2006
G-R #386833

TO: Mr. Joe Muzzio
c/o Ms. Kathryn Roscoe
SAIC
401 Alberto Way, Suite B
Los Gatos, California 95032-5404

CC: Mr. Mark Lafferty
Chevron Environmental
Management Company
P.O. Box 6012, Room K2208
San Ramon. California 94583

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

RE: Chevron Service Station
#9-0499
404 Soquel Avenue
Santa Cruz, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 14, 2006	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of March 6, 2006

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, ***April 28, 2006***, at which time the final report will be distributed to the following:

cc: Mr. Thomas Sayles, RWQCB-CCR, 895 Aerovista Place, Suite 101, San Luis Obispo, CA 93401

Enclosures

trans/9-0499-ML

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • **Rancho Cordova**, CA 95670 • (916) 631-1300 • Fax (916) 631-1317
1364 N. McDowell Blvd., Suite B2 • **Petaluma**, CA 94954 • (707) 789-3255 • Fax (707) 789-3218

GETTLER-RYAN INC.

April 14, 2006
G-R Job #386833

Mr. Mark Lafferty
Chevron Environmental Management Company
P.O. Box 6012, Room K2208
San Ramon, CA 94583

RE: First Semi-Annual Event of March 6, 2006
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

Dear Mr. Lafferty:

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 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

PROFESSIONAL GEOLOGIST
ROBERT A. LAURITZEN
No. 7504
STATE OF CALIFORNIA

Robert A. Lauritzen
Senior Geologist, P.G. No. 7504

Figure 1:	Potentiometric Map
Table 1:	Groundwater Monitoring Data and Analytical Results
Table 2:	Groundwater Analytical Results - Oxygenate Compounds
Table 3:	Joint Groundwater Monitoring Data and Analytical Results – Arco (*Discontinued*)
Attachments:	Standard Operating Procedure - Groundwater Sampling
	Field Data Sheets
	Chain of Custody Document and Laboratory Analytical Reports

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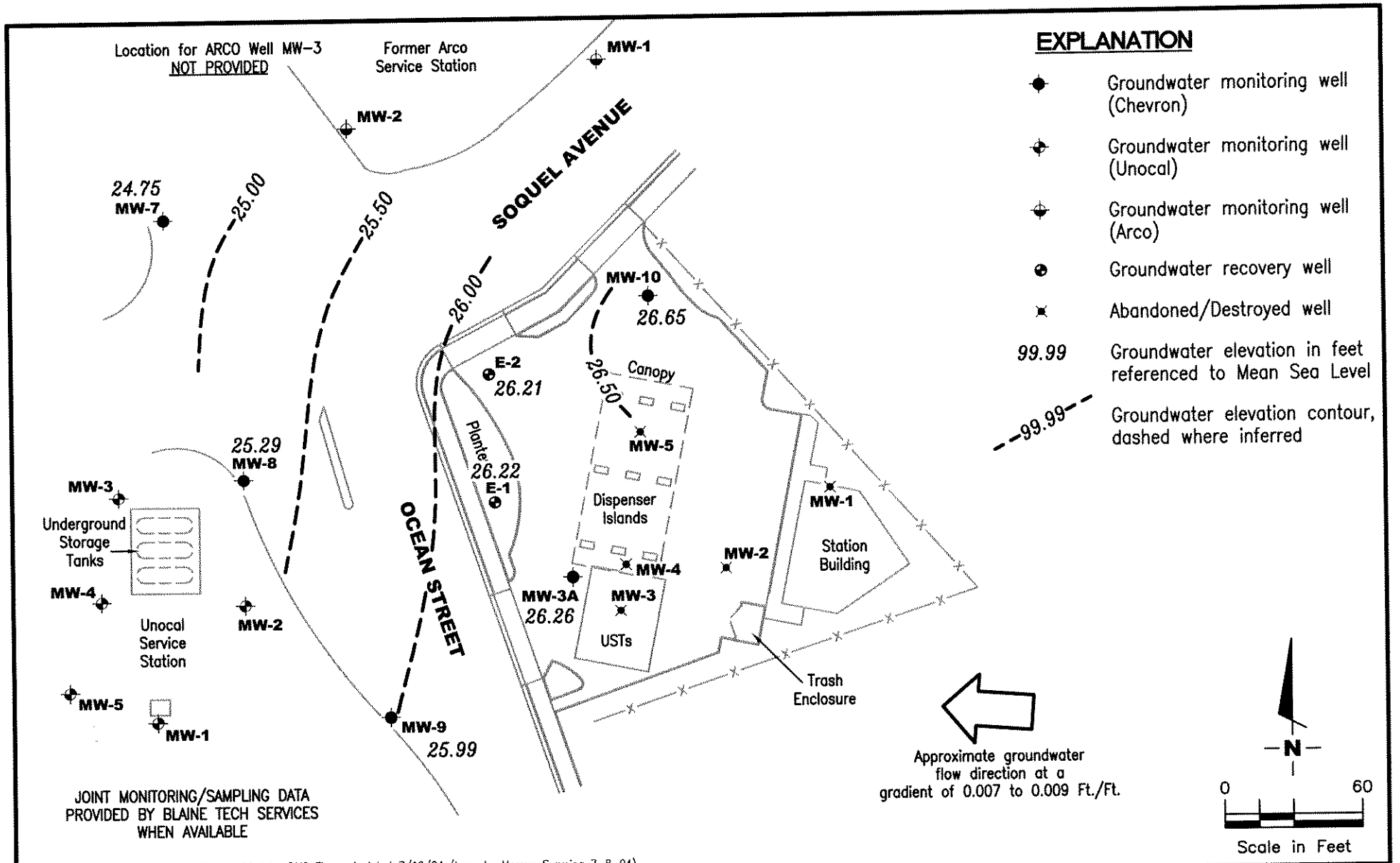

Source: Figure modified from drawing provided by SAIC Figure 1 dated 7/19/04 (base by Morrow Surveing 7-8-04)

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

POTENTIOMETRIC MAP
Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386833		March 6, 2006	

FILE NAME: P:\Enviro\Chevron\9-0499\Q06-9-0499.dwg | Layout Tab: Pot1

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-3A												
07/08/04[8]	32.70	23.36	9.34	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	47/45[7]	--
02/04/05	32.70	25.26	7.44	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	3.1/3[7]	--
08/04/05	32.70	23.54	9.16	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	2.6/2[7]	--
03/06/06[9]	**32.70**	**26.26**	**6.44**	**0.00**	**--**	**<50**	**0.9**	**<0.5**	**<0.5**	**<1.0**	**0.9**	**--**
MW-7												
07/24/89	26.67	19.57	7.10	--	--	<50	<0.5	<0.5	<0.5	<1.0	--	--
08/14/89	26.67	19.33	7.34	--	--	<500	<0.3	<0.3	<0.3	<0.6	--	--
10/16/89	26.67	19.14	7.53	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
01/30/90	26.67	19.08	7.59	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/24/90	26.67	19.21	7.46	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
07/31/90	26.67	18.90	7.77	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
10/16/90	26.67	18.69	7.98	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
01/08/91	26.67	18.67	8.00	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/22/91	26.67	19.47	7.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/06/91	26.67	18.79	7.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/04/91	26.67	18.43	8.24	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/07/91	26.57	18.24	8.33	--	--	--	--	--	--	--	--	--
12/30/91	26.57	17.76	8.81	--	<50	51	<0.5	<0.5	<0.5	<0.5	--	--
03/19/92	26.57	19.27	7.30	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/11/92	26.57	18.74	7.83	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/15/92	26.57	18.57	8.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/22/92	26.57	18.63	7.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/93	26.57	18.86	7.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/21/93	26.57	19.44	7.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/03/93	26.57	18.79	7.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/93	26.57	18.77	7.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/16/94	26.57	19.39	7.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/13/94	26.57	19.43	7.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	26.57	19.35	7.22	--	--	310	11	<1.0	1.6	1.3	--	--
12/07/94	26.57	19.39	7.18	--	--	<50	<0.5	<0.5	<0.5	0.55	--	--
03/20/95	26.57	21.03	5.54	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-7 (cont)												
06/19/95	26.57	19.83	6.74	--	--	<50	2.1	<0.5	<0.5	<0.5	--	--
09/12/95	26.57	19.37	7.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/13/95	26.57	19.20	7.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/12/96	26.57	20.24	6.33	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/96	26.57	20.25	6.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/97	26.57	18.87	7.70	--	--	<50	2.2	0.97	0.51	1.5	31	--
12/05/97	26.57	19.05	7.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	26	--
05/28/98	26.57	20.40	6.17	--	--	120	<0.3	<0.3	<0.3	<0.6	17	--
08/11/98	26.57	18.96	7.61	--	--	<50	<0.5	<0.5	<0.5	<0.5	25	--
02/03/99	26.57	18.54	8.03	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/02/99	26.57	18.56	8.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	29	--
02/16/00	26.57	22.06	4.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	<3.19	--
08/16/00	26.57	INACCESSIBLE - DUE TO TRAFFIC CONTROL				--	--	--	--	--	--	--
02/23/01	26.57	21.46	5.11	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	12	--
08/02/01	26.57	19.39	7.18	0.00	--	<50	<0.50	1.6	<0.50	0.87	17/18[7]	--
02/13/02	26.57	19.20	7.37	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	4.2/4[7]	--
08/02/02	26.57	19.81	6.76	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	6.4/7[7]	--
02/03/03	26.57	21.09	5.48	0.00	--	<50	<0.50	0.50	3.8	<1.5	<2.5/<2[7]	--
08/01/03	26.57	19.90	6.67	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	2.8/2[7]	--
02/05/04	26.57	21.49	5.08	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/2[7]	--
07/08/04	28.88	22.50	6.38	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	2.6/<2[7]	--
02/04/05	28.88	24.04	4.84	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<2[7]	--
08/04/05	28.88	22.34	6.54	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<2[7]	--
03/06/06[9]	**28.88**	**24.75**	**4.13**	**0.00**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**0.8**	**--**
MW-8												
07/24/89	29.12	21.23	7.89	--	--	860	<2.0	8.0	3.0	10	--	--
08/14/89	29.12	20.97	8.15	--	--	--	--	--	--	--	--	--
10/16/89	29.12	20.65	8.47	--	--	<500	0.4	<0.3	<0.3	1.0	--	--
01/30/90	29.12	20.64	8.48	--	--	130	1.0	<0.3	<0.3	1.0	--	--
04/24/90	29.12	20.92	8.20	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
07/31/90	29.12	20.54	8.58	--	--	82	<0.4	<0.3	0.4	0.6	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-8 (cont)												
10/16/90	29.12	20.09	9.03	--	--	1,300	9.0	2.0	4.0	6.0	--	--
01/08/91	29.12	19.82	9.30	--	--	420	0.9	1.0	0.9	4.0	--	--
04/22/91	29.12	21.19	7.93	Sheen	--	--	--	--	--	--	--	--
08/06/91	29.12	20.36	8.76	--	--	280	0.9	0.9	1.0	2.1	--	--
09/04/91	29.12	19.80	9.32	--	<50	150	<0.5	0.9	<0.5	2.2	--	--
10/07/91	29.01	19.42	9.59	--	--	--	--	--	--	--	--	--
12/30/91	29.01	19.29	9.72	--	390	330	<0.5	<0.5	0.6	2.6	--	--
03/19/92	29.01	21.02	7.99	--	66	66	<0.5	<0.5	<0.5	1.2	--	--
06/11/92	29.01	20.50	8.51	--	--	69	0.8	2.0	1.0	6.9	--	--
09/15/92	29.01	20.03	8.98	--	--	<50	<0.5	<0.5	<0.5	0.8	--	--
12/22/92	29.01	19.74	9.27	--	--	89	<0.5	<0.5	<0.5	1.0	--	--
03/22/93	29.01	21.70	7.31	--	--	460	<0.5	0.9	1.0	3.0	--	--
06/21/93	29.01	20.97	8.04	--	--	410	<0.5	2.0	0.9	10	--	--
09/03/93[4]	29.01	20.34	8.67	--	--	--	--	--	--	--	--	--
09/24/93	29.01	--	--	--	--	830	<0.5	1.0	1.0	17	--	--
12/15/93	29.01	20.00	9.01	--	--	230	<0.5	0.55	<0.5	<0.5	--	--
03/16/94	29.01	20.21	8.80	--	--	74	<0.5	<0.5	<0.5	<0.5	--	--
06/13/94	29.01	20.99	8.02	--	--	82	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	29.01	20.01	9.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/07/94	29.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--
03/20/95	29.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--
06/19/95	29.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--
09/12/95	29.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--
12/13/95	29.01	INACCESSIBLE		--	--	--	--	--	--	--	--	--
06/12/96	29.01	21.21	7.80	--	--	67	<0.5	<0.5	<0.5	<0.5	--	--
12/19/96	29.01	21.33	7.68	--	--	1,100	<1.0	<1.0	4.8	9.9	--	--
06/16/97	29.01	20.45	8.56	--	--	250	<0.5	0.77	1.3	2.0	5.9	--
12/05/97	29.01	20.47	8.54	--	--	260	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/28/98	29.01	21.90	7.11	--	--	290	<0.3	<0.3	<0.3	<0.6	<10	--
08/11/98	29.01	20.87	8.14	--	--	120	<0.5	<0.5	2.2	<0.5	5.7	--
02/03/99	29.01	19.94	9.07	--	--	69	<0.5	<0.5	<0.5	<0.5	3.4	--
08/02/99	29.01	19.82	9.19	--	--	835	<2.5	<2.5	<2.5	<2.5	<25	--
02/16/00	29.01	23.04	5.97	--	--	655	<1.0	<1.0	1.5	<1.0	8.6	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499

404 Soquel Avenue

Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-8 (cont)												
08/16/00	29.01	21.16	7.85	0.00	--	140[6]	0.622	0.550	<0.500	<0.500	<5.00	--
02/23/01	29.01	22.16	6.85	0.00	--	110[6]	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/02/01	29.01	21.02	7.99	0.00	--	660	<0.50	1.4	2.1	0.89	<2.5	--
02/13/02	29.01	22.20	6.81	0.00	--	140	<0.50	<0.50	<0.50	<1.5	2.6	--
08/02/02	29.01	21.06	7.95	0.00	--	160	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/03/03	29.01	22.06	6.95	0.00	--	280	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/01/03	29.01	21.13	7.88	0.00	--	160	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/04	29.01	21.67	7.34	0.00	--	540	<0.5	<0.5	<0.5	<1.5	<2.5	--
07/08/04	31.00	23.14	7.86	0.00	--	110	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/04/05	31.00	24.52	6.48	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/04/05	31.00	23.10	7.90	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	2.6	--
03/06/06[9]	**31.00**	**25.29**	**5.71**	**0.00**	**--**	**83**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**3**	**--**
MW-9												
07/24/89	29.50	21.75	7.75	--	--	<50	6.9	<0.5	1.7	<1.0	--	--
08/14/89	29.50	21.16	8.34	--	--	<50	1.0	<0.3	<0.3	<0.6	--	--
10/16/89	29.50	20.80	8.70	--	--	<500	<0.3	<0.3	<0.3	<0.6	--	--
01/30/90	29.50	20.79	8.71	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
04/24/90	29.50	21.10	8.40	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
07/31/90	29.50	20.68	8.82	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
10/16/90	29.50	20.22	9.28	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
01/08/91	29.50	20.00	9.50	--	--	<50	<0.5	<0.3	<0.3	<0.6	--	--
04/22/91	29.50	21.22	8.28	--	--	<50	0.7	<0.5	<0.5	<0.5	--	--
08/06/91	29.50	20.50	9.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/04/91	29.50	19.79	9.71	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/07/91	29.38	19.33	10.05	--	--	--	--	--	--	--	--	--
12/30/91	29.38	19.30	10.08	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/19/92	29.38	21.29	8.09	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/11/92	29.38	20.54	8.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/15/92	29.38	19.99	9.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/22/92	29.38	19.75	9.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/93	29.38	22.10	7.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-9 (cont)												
06/21/93	29.38	21.19	8.19	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/03/93[4]	29.38	20.36	9.02	--	--	--	--	--	--	--	--	--
09/24/93	29.38	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/93	29.38	20.01	9.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/16/94	29.38	21.01	8.37	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/13/94	29.38	21.25	8.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	29.38	19.97	9.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/07/94	29.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
03/20/95	29.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
06/19/95	29.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
09/12/95	29.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
12/13/95	29.38	INACCESSIBLE		--	--	--	--	--	--	--	--	--
06/12/96	--	--	8.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/96	--	--	7.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/97	--	--	8.99	--	SAMPLED ANNUALLY		--	--	--	--	--	--
12/05/97	--	--	8.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	22	--
05/28/98	--	--	7.29	--	SAMPLED ANNUALLY		--	--	--	--	--	--
08/11/98	--	--	7.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	210	--
02/03/99	--	--	8.92	--	--	--	--	--	--	--	--	--
08/02/99	--	--	8.69	--	--	<50	0.593	<0.5	<0.5	<0.5	12.9	--
02/16/00	--	--	6.31	--	--	--	--	--	--	--	--	--
08/16/00	29.38	21.39	7.99	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	65.0	--
02/23/01	29.38	22.37	7.01	0.00	--	--	--	--	--	--	--	--
08/02/01	29.38	21.26	8.12	0.00	--	<50	<0.50	0.85	<0.50	0.54	18/23[7]	--
02/13/02	29.38	22.61	6.77	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/02/02	29.38	21.24	8.14	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	7.5/9[7]	--
02/03/03	29.38	22.28	7.10	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/01/03	29.38	21.32	8.06	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	15/13[7]	--
02/05/04	29.38	22.41	6.97	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
07/08/04	31.44	23.39	8.05	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	6.3/4[7]	--
02/04/05	31.44	24.70	6.74	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/04/05	31.44	23.49	7.95	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<2[7]	--
03/06/06[9]	**31.44**	**25.99**	**5.45**	**0.00**	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**1**	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-10												
07/24/89	32.32	21.39	10.93	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--
08/14/89	32.32	21.11	11.21	--	--	--	--	--	--	--	--	--
10/16/89	32.32	20.73	11.59	--	--	<500	21	2.0	0.5	<0.6	--	--
01/30/90	32.32	20.76	11.56	--	--	55	1.0	<0.3	<0.3	<0.6	--	--
04/24/90	32.32	21.07	11.25	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
07/31/90	32.32	20.64	11.68	--	--	<50	<0.3	<0.3	<0.6	<0.6	--	--
10/16/90	32.32	20.14	12.18	--	--	79	0.5	<0.3	<0.3	<0.6	--	--
01/08/91	32.32	19.87	12.45	--	--	110	<0.5	<0.3	<0.5	<0.5	--	--
04/22/91	32.32	21.38	10.94	--	--	58	<0.5	<0.5	<0.5	<0.5	--	--
08/06/91	32.32	20.47	11.85	--	--	62	<0.5	<0.5	<0.5	1.2	--	--
09/04/91	32.32	21.08	11.24	--	<50	110	<0.5	<0.5	<0.5	<0.5	--	--
10/17/91	32.18	19.54	12.64	--	--	--	--	--	--	--	--	--
12/30/91	32.18	19.45	12.73	--	<50	56	0.7	<0.5	<0.5	0.6	--	--
03/19/92	32.18	21.64	10.54	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/11/92	32.18	20.72	11.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/15/92	32.18	20.04	12.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/22/92	32.18	19.89	12.29	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/93	32.18	22.66	9.52	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/21/93	32.18	21.40	10.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/03/93[4]	32.18	20.53	11.65	--	--	--	--	--	--	--	--	--
09/24/93	32.18	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/93	32.18	20.22	11.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/16/94	32.18	21.29	10.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/13/94	32.18	21.29	10.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	32.18	20.24	11.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/07/94	32.18	20.26	11.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/20/95	32.18	23.58	8.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/19/95	32.18	22.34	9.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/12/95	32.18	21.08	11.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/13/95	32.18	20.33	11.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/12/96	32.18	21.77	10.41	--	SAMPLED ANNUALLY		--	--	--	--	--	--
12/19/96	32.18	21.80	10.38	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/97	32.18	20.74	11.44	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499

404 Soquel Avenue

Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-10 (cont)												
12/05/97	32.18	20.79	11.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/28/98	32.18	23.18	9.00	--	SAMPLED ANNUALLY		--	--	--	--	--	--
08/11/98	32.18	21.47	10.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/03/99	32.18	21.97	10.21	--	--	--	--	--	--	--	--	--
08/02/99	32.18	22.08	10.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
02/16/00	32.18	24.69	7.49	--	--	--	--	--	--	--	--	--
08/16/00	32.18	21.37	10.81	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
02/23/01	32.18	22.58	9.60	0.00	--	--	--	--	--	--	--	--
08/02/01	32.18	21.25	10.93	0.00	--	<50	<0.50	0.79	<0.50	<0.50	<2.5	--
02/13/02	32.18	22.69	9.49	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/02/02	32.18	21.19	10.99	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/03/03	32.18	22.34	9.84	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/01/03	32.18	21.34	10.84	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/04	32.18	22.55	9.63	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
07/08/04	34.29	23.51	10.78	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/04/05	34.29	25.44	8.85	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/04/05	34.29	23.77	10.52	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/06/06[9]	**34.29**	**26.65**	**7.64**	**0.00**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<0.5**	**--**
E-1												
09/04/91	--	--	--	--	2,000	7,800	120	23	180	280	--	--
10/07/91	30.28	19.53	10.75	--	--	--	--	--	--	--	--	--
12/30/91[2]	28.95	19.44	9.51	--	<50	3,000	42	12	88	170	--	--
03/19/92	28.95	21.45	7.50	--	<50	6,900	170	9.8	310	480	--	--
06/11/92	28.95	20.73	8.22	--	--	7,200	110	19	240	450	--	--
09/15/92	28.95	20.08	10.20	--	--	8,400	160	50	240	400	--	--
12/22/92	28.95	19.97	10.31	--	--	7,600	140	12	310	370	--	--
03/22/93	28.95	22.97	7.31	--	--	11,000	230	41	600	1,100	--	--
06/21/93[3]	30.28	21.33	8.95	--	--	2,400	65	8.0	84	97	--	--
09/03/93[2]	28.95	20.41	8.54	--	--	4,000	110	7.0	310	170	--	--
12/15/93	30.28	18.79	10.16	--	--	1,300	27	<0.5	20	17	--	--
03/16/94	30.28	21.23	9.05	--	--	1,800	67	<0.5	100	93	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
E-1 (cont)												
06/13/94	30.28	21.23	9.05	--	--	2,600	73	<5.0	83	140	--	--
09/29/94	30.28	19.30	10.98	--	--	3,700	130	<10	95	110	--	--
12/07/94	30.28	20.38	9.90	--	--	2,600	63	<5.0	120	78	--	--
03/20/95	30.28	23.32	6.96	--	--	420	8.1	1.6	17	15	--	--
06/19/95	30.28	22.24	8.04	--	--	960	3.8	<1.2	13	9.8	--	--
09/12/95	30.28	20.68	9.60	--	--	980	13	<0.5	11	18	--	--
12/13/95	30.28	20.30	9.98	--	--	<50	<0.5	<0.5	<0.5	0.51	--	--
06/12/96	30.28	21.71	8.57	--	--	2,900	27	<0.5	61	38	--	--
12/19/96	30.28	21.95	8.33	--	--	450	15	<0.5	15	5.7	--	--
06/16/97	30.28	20.76	9.52	--	--	2,400	10	<2.5	6.3	12	<12	--
12/05/97	30.28	20.78	9.50	--	--	490	8.3	8.2	34	5.4	<2.5	--
05/28/98	30.28	23.38	6.90	--	--	2,100	1.4	<0.3	<0.3	3.4	<10	--
08/11/98	30.28	21.47	8.81	--	--	2,100	<5.0	<5.0	12	9.4	<25	--
02/03/99	30.28	22.25	8.03	--	--	210	11	<0.5	<0.5	2.7	12	--
08/02/99	30.28	22.59	7.69	--	--	888	20.8	39.4	8.14	35	<10	--
02/16/00	30.28	23.97	6.31	--	--	385	38.1	1.19	15.8	11.8	2.77	--
08/16/00	30.28	21.75	8.53	0.00	--	316[5]	3.63	<0.500	0.811	<0.500	<5.00	--
02/23/01	30.28	23.28	7.00	0.00	--	150[6]	10	0.85	<0.50	3.6	4.2	--
08/02/01	30.28	21.85	8.43	0.00	--	410	1.1	1.4	0.50	0.63	8.0/8.6[7]	--
02/13/02	30.28	23.45	6.83	0.00	--	610	5.0	<0.50	14	<1.5	14/13[7]	--
08/02/02	30.28	22.00	8.28	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[7]	--
02/03/03	30.28	23.11	7.17	0.00	--	130	0.94	<0.50	1.2	<1.5	7.2/7[7]	--
08/01/03	30.28	22.12	8.16	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<2[7]	--
02/05/04	30.28	23.27	7.01	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<2[7]	--
07/08/04	32.67	23.33	9.34	0.00	--	170	<0.5	<0.5	<0.5	<1.5	12/12[7]	--
02/04/05	32.67	25.24	7.43	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	36/30[7]	--
08/04/05	32.67	23.50	9.17	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	6.0/5[7]	--
03/06/06[9]	**32.67**	**26.22**	**6.45**	**0.00**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**<0.5**	**--**
E-2												
09/04/91	--	--	--	--	<50	130	<0.5	<0.5	<0.5	0.7	--	--
10/07/91	30.50	19.59	10.91	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
E-2 (cont)												
12/30/91[2]	29.40	19.52	9.88	--	<50	330	<0.5	0.5	0.9	1.4	--	--
03/19/92	29.40	21.70	7.70	--	<50	340	<0.5	<0.5	1.4	1.5	--	--
06/11/92	29.40	20.82	8.58	--	--	200	<0.5	0.9	0.6	2.8	--	--
09/15/92	29.40	20.15	10.35	--	--	160	<0.5	<0.5	0.6	1.6	--	--
12/22/92	29.40	20.05	10.45	--	--	200	2.0	1.7	2.2	5.4	--	--
03/22/93	29.40	22.59	7.91	--	--	480	0.5	<0.5	3.0	2.0	--	--
06/21/93[3]	30.50	24.40	6.10	--	--	180	0.6	0.6	1.0	1.0	--	--
09/03/93[2]	32.18	20.53	11.65	--	--	--	--	--	--	--	--	--
09/24/93[4]	32.18	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/93	30.50	21.90	10.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/16/94	30.50	21.29	9.21	--	--	95	<0.5	<0.5	<0.5	<0.5	--	--
06/13/94	30.50	21.28	9.22	--	--	89	<0.5	<0.5	<0.5	0.63	--	--
09/29/94	30.50	20.18	10.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/07/94	30.50	21.18	9.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/20/95	30.50	23.34	7.16	--	--	120	2.7	<0.5	<0.5	<0.5	--	--
06/19/95	30.50	22.28	8.22	--	--	150	6.7	<0.5	<0.5	<0.5	--	--
09/12/95	30.50	20.80	9.70	--	--	57	<0.5	<0.5	<0.5	<0.5	--	--
12/13/95	30.50	20.48	10.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/12/96	30.50	21.69	8.81	--	--	58	<0.5	<0.5	<0.5	<0.5	--	--
12/19/96	30.50	21.84	8.66	--	--	75	<0.5	<0.5	<0.5	<0.5	--	--
06/16/97	30.50	20.83	9.67	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/05/97	30.50	21.09	9.41	--	--	66	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/28/98	30.50	23.35	7.15	--	--	170	0.58	0.9	0.54	<0.6	<10	--
08/11/98	30.50	21.52	8.98	--	--	61	<0.5	<0.5	<0.5	<0.5	2.9	--
02/03/99	30.50	22.29	8.21	--	--	<50	<0.5	<0.5	<0.5	<0.5	3.4	--
08/02/99	30.50	22.31	8.19	--	--	330	18.6	41.5	7.17	35.6	30.9	--
02/16/00	30.50	24.47	6.03	--	--	73.4	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/16/00	30.50	22.38	8.12	0.00	--	64.3[6]	<0.500	<0.500	<0.500	<0.500	43.5	--
02/23/01	30.50	23.19	7.31	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/02/01	30.50	20.86	9.64	0.00	--	55	<0.50	0.63	<0.50	0.52	15/17[7]	--
02/13/02	30.50	23.24	7.26	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/2[7]	--
08/02/02	30.50	21.80	8.70	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	7.7/8[7]	--
02/03/03	30.50	22.92	7.58	0.00	--	<50	<0.50	0.51	<0.50	<1.5	<2.5/2[7]	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
E-2 (cont)												
08/01/03	30.50	21.97	8.53	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	2.6/3[7]	--
02/05/04	30.50	23.06	7.44	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<2[7]	--
07/08/04	32.60	23.45	9.15	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	11/9[7]	--
02/04/05	32.60	25.31	7.29	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<2[7]	--
08/04/05	32.60	23.65	8.95	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	3.9/3[7]	--
03/06/06[9]	**32.60**	**26.21**	**6.39**	**0.00**	**--**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<1.0**	**1**	**--**
MW-1												
09/28/88	33.14	21.07	12.07	--	<50	--	<5.0	<5.0	<5.0	<5.0	--	<10
10/20/88	33.14	20.68	12.46	--	--	--	--	--	--	--	--	--
01/03/89	33.14	21.72	11.42	--	<50	--	<0.5	<0.5	<0.5	<1.0	--	<5.0
04/07/89	33.14	23.05	10.09	--	<50	<50	<0.5	<0.5	<0.5	<2.0	--	<5.0
04/19/89	33.14	22.60	10.54	--	--	--	--	--	--	--	--	--
07/24/89	33.14	21.15	11.99	--	<50	<50	<0.5	<0.5	<0.5	<1.0	--	<5.0
08/14/89	33.14	20.86	12.28	--	--	--	--	--	--	--	--	--
10/16/89	33.14	20.47	12.67	--	<500	<500	<0.3	<0.3	<0.3	<0.6	--	<1.0
01/30/90	33.14	20.50	12.64	--	<100	<50	<0.3	<0.3	<0.3	<0.6	--	<1.0
04/24/90	33.14	19.82	13.32	--	<100	<50	<0.3	<0.3	<0.3	<0.6	--	<1.0
07/31/90	33.14	20.37	12.77	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
10/16/90	33.14	19.88	13.26	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
01/08/91	33.14	19.64	13.50	--	--	<50	<0.5	2.0	<0.5	0.9	--	--
04/22/91	33.14	21.14	12.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
ABANDONED												
MW-2												
09/28/88	32.09	21.71	10.38	--	--	650	130	41	3.0	14	--	--
10/20/88	32.09	21.33	10.76	--	--	--	--	--	--	--	--	--
01/03/89	32.09	22.34	9.75	--	--	1,500	620	10	<0.5	30	--	--
04/07/89	32.09	23.70	8.39	--	--	1,100	440	3.0	6.0	35	--	--
04/19/89	32.09	23.23	8.86	--	--	--	--	--	--	--	--	--
07/24/89	32.09	21.79	10.30	--	--	320	56	<0.5	<0.5	<1.0	--	--
08/14/89	32.09	21.53	10.56	--	--	--	--	--	--	--	--	--
10/16/89	32.09	21.12	10.97	--	--	520	120	2.0	7.0	5.0	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-2 (cont)												
01/30/90	32.09	21.14	10.95	--	--	<50	11	<0.3	<0.3	<0.6	--	--
04/24/90	32.09	21.47	10.62	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
07/31/90	32.09	21.03	11.06	--	--	99	8	<0.3	2.0	1.0	--	--
10/17/90	32.09	20.53	11.56	--	--	110	15	<0.3	1.0	1.0	--	--
01/08/91	32.09	20.26	11.83	--	--	82	24	2.0	0.6	2.0	--	--
04/23/91	32.09	21.79	10.30	--	--	190	21	<0.5	<0.5	<0.5	--	--
ABANDONED												
MW-3												
09/28/88	30.89	21.31	9.58	--	--	1,500	360	1.0	<0.5	7.0	--	--
10/20/88	30.89	20.95	9.94	--	--	--	--	--	--	--	--	--
01/03/89	30.89	21.88	9.01	--	--	470	66	4.2	1.0	7.0	--	--
04/07/89	30.89	22.37	8.52	--	--	8,000	4,400	190	87	460	--	--
04/19/89	30.89	23.05	7.84	--	--	--	--	--	--	--	--	--
07/24/89	30.89	21.40	9.49	--	--	1,300	230	66	4.0	110	--	--
08/14/89	30.89	21.14	9.75	--	--	--	--	--	--	--	--	--
10/16/89	30.89	20.74	10.15	--	--	<500	58	1.0	8.0	1.0	--	--
01/30/90	30.89	20.76	10.13	--	--	270	35	<0.3	1.0	<0.6	--	--
04/25/90	30.89	21.07	9.82	--	--	<50	5.0	<0.3	<0.3	<0.6	--	--
07/31/90	30.89	20.64	10.25	--	--	68	9.0	<0.3	<0.3	<0.6	--	--
10/17/90	30.89	20.16	10.73	--	--	73	12	<0.3	<0.3	<0.6	--	--
01/08/91	30.89	19.89	11.00	--	--	110	18	<0.5	<0.5	<0.5	--	--
04/23/91	30.89	23.38	7.51	--	--	93	13	<0.5	<0.5	<0.5	--	--
08/06/91	30.89	20.49	10.40	--	--	89	2.7	<0.5	1.3	20	--	--
09/04/91	30.89	19.65	11.24	--	<50	110	<0.5	<0.5	1.1	11	--	--
10/07/91	30.97	19.46	11.51	--	--	--	--	--	--	--	--	--
12/30/91	30.97	19.43	11.54	--	<50	51	<0.5	<0.5	<0.5	<0.5	--	--
03/19/92	30.97	21.60	9.37	--	<50	69	20.0	<0.5	3.0	1.9	--	--
06/11/92	30.97	20.67	10.30	--	--	<50	0.6	<0.5	<0.5	<0.5	--	--
09/15/92	30.97	20.05	10.92	--	--	67	<0.5	<0.5	<0.5	<0.5	--	--
12/22/92	30.97	19.85	11.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/22/93	30.97	22.58	8.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/21/93	30.97	21.36	9.61	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/03/93[4]	30.97	20.52	10.45	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-3 (cont)												
09/24/93	30.97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/93	30.97	20.16	10.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/16/94	30.97	21.23	9.74	--	--	<50	<0.5	5.5	<0.5	4.3	--	--
06/13/94	30.97	21.27	9.70	--	--	<200	<2.0	<2.0	<2.0	<2.0	--	--
09/29/94	30.97	20.21	10.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/07/94	30.97	20.27	10.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/20/95	30.97	22.37	8.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/19/95	30.97	21.01	9.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/12/95	30.97	20.77	10.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/13/95	30.97	20.37	10.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/12/96	30.97	21.74	9.23	--	SAMPLED ANNUALLY		--	--	--	--	--	--
12/19/96	30.97	21.77	9.20	--	--	<500	<5.0	<5.0	<5.0	<5.0	--	--
06/16/97	30.97	20.72	10.25	--	--	--	--	--	--	--	--	--
12/05/97	30.97	20.69	10.28	--	--	<50	<0.5	<0.5	<0.5	<0.5	140	--
05/28/98	30.97	23.72	7.25	--	SAMPLED ANNUALLY		--	--	--	--	--	--
08/11/98	30.97	21.48	9.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	140	--
02/03/99	30.97	22.46	8.51	--	--	--	--	--	--	--	--	--
08/02/99	30.97	22.72	8.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	27.7	--
02/16/00	30.97	24.14	6.83	--	--	--	--	--	--	--	--	--
08/16/00	30.97	21.62	9.35	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	35.2	--
02/23/01	30.97	22.77	8.20	0.00	--	--	--	--	--	--	--	--
08/02/01	30.97	21.48	9.49	0.00	--	<50	<0.50	0.69	<0.50	<0.50	11/15[7]	--
02/13/02	30.97	22.94	8.03	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/02/02	30.97	21.43	9.54	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	760/750[7]	--
02/03/03	30.97	22.57	8.40	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/01/03	30.97	21.57	9.40	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	93/81[7]	--
DESTROYED - DECEMBER 2003												
MW-4												
09/28/88	31.74	21.22	10.52	0.40	--	260,000	16,000	15,000	8,000	22,000	--	--
10/20/88	31.74	20.52	11.22	--	--	--	--	--	--	--	--	--
01/03/89	31.74	22.01	9.73	0.80	--	--	--	--	--	--	--	--
04/07/89	31.74	23.15	8.59	0.06	--	1,400,000	18,000	47,000	68,000	56,000	--	--
04/19/89	31.74	22.71	9.03	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-4 (cont)												
07/24/89	31.74	21.12	10.62	0.15	--	280,000	15,000	19,000	3,800	26,000	--	--
08/14/89	31.74	20.92	10.82	--	--	--	--	--	--	--	--	--
10/16/89	31.74	20.47	11.27	0.17	--	450,000	10,000	30,000	11,000	69,000	--	--
01/30/90	31.74	20.59	11.15	0.01	--	84,000	7,400	18,000	3,000	18,000	--	--
04/25/90	31.74	21.98	9.76	0.01	--	78,000	5,700	8,200	2,300	14,000	--	--
07/31/90	31.74	20.51	11.23	0.05	--	--	--	--	--	--	--	--
10/16/93	31.74	20.02	11.72	0.03	--	--	--	--	--	--	--	--
01/08/91	31.74	19.81	11.93	0.02	--	--	--	--	--	--	--	--
04/23/91	31.74	20.97	10.77	Sheen	--	--	--	--	--	--	--	--
ABANDONED												
MW-5												
09/28/88	31.91	21.01	9.90	--	--	610	69	12	4.0	14	--	--
10/20/88	31.91	21.68	10.23	--	--	--	--	--	--	--	--	--
01/03/89	31.91	22.85	9.06	--	--	2,000	490	40	80	20	--	--
04/07/89	31.91	23.96	7.95	--	--	1,900	470	18	35	23	--	--
04/19/89	31.91	23.59	8.32	--	--	--	--	--	--	--	--	--
07/24/89	31.91	22.16	9.75	--	--	580	73	<0.5	<0.5	<1.0	--	--
08/14/89	31.91	21.85	10.06	--	--	--	--	--	--	--	--	--
10/16/89	31.91	21.44	10.44	--	--	<500	1.0	<0.3	<0.3	<0.6	--	--
01/30/90	31.91	21.52	10.39	--	--	80	3.0	<0.3	<0.3	<0.6	--	--
04/24/90	31.91	21.83	10.08	--	--	130	0.4	<0.3	<0.3	<0.6	--	--
07/31/90	31.91	21.37	10.54	--	--	210	2.0	<0.3	<0.3	<0.6	--	--
10/17/90	31.91	20.85	11.06	--	--	150	0.8	<0.3	<0.3	<0.6	--	--
01/09/91	31.91	20.61	11.30	--	--	<50	<0.5	<0.3	<0.3	<0.6	--	--
04/23/91	31.91	22.11	9.80	--	--	99	<0.5	<0.5	<0.5	<0.5	--	--
07/01/91[1]	31.93	--	--	--	--	--	--	--	--	--	--	--
08/06/91	31.91	21.19	10.72	--	--	59	0.5	<0.5	<0.5	<0.5	--	--
09/04/91	31.91	19.89	12.02	--	<50	120	<0.5	<0.5	<0.5	<0.5	--	--
10/07/91	31.95	19.64	12.31	--	--	--	--	--	--	--	--	--
12/30/91	31.95	19.74	12.21	--	<50	160	<0.5	<0.5	<0.5	<0.5	--	--
03/19/92	31.95	21.86	10.09	--	<50	97	<0.5	<0.5	<0.5	<0.5	--	--
06/11/92	31.95	20.91	11.04	--	--	71	1.6	<0.5	0.7	1.6	--	--
09/15/92	31.95	20.18	11.77	--	--	110	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499

404 Soquel Avenue

Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-5 (cont)												
12/22/92	31.95	20.78	11.17	--	--	97	<0.5	<0.5	<0.5	<0.5	--	--
03/22/93	31.95	22.69	9.26	--	--	90	<0.5	<0.5	<0.5	<0.5	--	--
06/21/93	31.95	21.41	10.54	--	--	<50	<0.5	<0.5	0.7	3.0	--	--
09/03/93[4]	31.95	20.54	11.41	--	--	--	--	--	--	--	--	--
09/24/93	31.95	--	--	--	--	120	2.0	3.0	0.7	4.0	--	--
12/15/93	31.95	20.23	11.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/16/94	31.95	21.45	10.50	--	--	<50	<0.5	8.7	<0.5	<0.5	--	--
06/13/94	31.95	21.76	10.19	--	--	<50	<0.5	2.2	<0.5	<0.5	--	--
09/29/94	31.95	20.01	11.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/07/94	31.95	20.53	11.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/20/95	31.95	23.15	8.80	--	--	<50	0.90	1.5	<0.5	0.71	--	--
06/19/95	31.95	22.35	9.60	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/12/95	31.95	21.20	10.75	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/13/95	31.95	20.37	11.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/12/96	31.95	21.94	10.01	--	SAMPLED ANNUALLY		--	--	--	--	--	--
12/19/96	31.95	21.96	9.99	--	--	<50	<0.5	1.6	<0.5	<0.5	--	--
06/16/97	31.95	20.79	11.16	--	--	--	--	--	--	--	--	--
12/05/97	31.95	21.07	10.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/28/98	31.95	23.10	8.85	--	SAMPLED ANNUALLY		--	--	--	--	--	--
08/11/98	31.95	21.49	10.46	--	--	120	<1.0	13	<1.0	<1.0	5.3	--
02/03/99	31.95	22.37	9.58	--	--	--	--	--	--	--	--	--
08/02/99	31.95	22.24	9.71	--	--	615	<0.5	3.68	<0.5	<0.5	<5.0	--
02/16/00	31.95	24.82	7.13	--	--	--	--	--	--	--	--	--
08/16/00	31.95	22.29	9.66	0.00	--	58.3[6]	<0.500	13.7	<0.500	<0.500	<5.00	--
02/23/01	31.95	23.97	7.98	0.00	--	--	--	--	--	--	--	--
08/02/01	31.95	22.15	9.80	0.00	--	99	<0.50	49	<0.50	0.83	<2.5	--
02/13/02	31.95	23.66	8.29	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/02/02	31.95	22.11	9.84	0.00	--	<250	<1.0	15	<1.0	<3.0	<2.5	--
02/03/03	31.95	23.38	8.57	0.00	SAMPLED ANNUALLY		--	--	--	--	--	--
08/01/03	31.95	22.40	9.55	0.00	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
DESTROYED - DECEMBER 2003												
MW-6												
09/28/88	30.72	21.32	9.40	--	--	<50	4.0	<0.5	<0.5	<1.0	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499

404 Soquel Avenue

Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
MW-6 (cont)												
10/20/88	30.72	20.94	9.78	--	--	--	--	--	--	--	--	--
01/03/89	30.72	22.12	8.60	--	--	440	8.7	1.2	0.6	<1.0	--	--
04/07/89	30.72	21.40	9.32	--	--	660	41	2.8	1.9	5.0	--	--
07/24/89	30.72	23.20	7.51	--	--	80	3.6	<0.5	<0.5	1.0	--	--
08/14/89	30.72	21.11	9.61	--	--	--	--	--	--	--	--	--
10/16/89	30.72	20.74	9.98	--	--	750	18	<0.3	1.0	1.0	--	--
01/30/90	30.72	20.77	9.95	--	--	1,200	66	5.0	2.0	7.0	--	--
04/25/90	30.72	21.10	9.62	--	--	1,400	480	6.0	<0.3	31.0	--	--
07/31/90	30.72	20.65	10.07	--	--	1,500	51	<0.3	1.0	2.0	--	--
10/17/90	30.72	20.14	10.58	--	--	1,400	31	2.0	2.0	4.0	--	--
01/09/91	30.72	19.87	10.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/23/91	30.72	21.39	9.33	--	--	630	10	4.0	2.0	6.0	--	--
ABANDONED - REPLACED BY WELL E-2												
TRIP BLANK												
06/21/93	--	--	--	--	--	<50	0.5	0.5	0.5	0.5	--	--
09/03/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/24/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/15/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/16/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/13/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/07/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/20/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/19/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/12/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/13/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/12/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/16/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
12/05/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/28/98	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10	--
08/11/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499

404 Soquel Avenue

Santa Cruz, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	TOG (ppb)
TRIP BLANK (cont)												
02/03/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/16/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/16/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
02/23/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/02/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
QA												
02/13/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/02/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/03/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/01/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/05/04	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
07/08/04	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
02/04/05	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
08/04/05	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
03/06/06	--	--	--	--	--	**<50**	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 16, 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
TPH-D = Total Petroleum Hydrocarbons as Diesel

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
QA = Quality Assurance/Trip Blank

* TOC elevations for the following wells (MW-3A, MW-7, MW-8, MW-9, MW-10, E-1, & E-2) were surveyed on July 8, 2004, by Morrow Surveying. The benchmark for the survey was referenced to GEOID NGS99, coordinate datum is NAD 83(1986).

1 Casing bent on well.
2 Well Elevations and DTW measured from top of casing.
3 Well Elevations and DTW measured from top of box.
4 Laboratory missed hold times, resampled 09/24/93.
5 Laboratory report indicates weathered gasoline C6-C12.
6 Laboratory report indicates unidentified hydrocarbons C6-C12.
7 MTBE by EPA Method 8260.
8 Well development performed.
9 BTEX and MTBE by EPA Method 8260.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0499
404 Soquel Avenue
Santa Cruz, California

WELL ID	DATE	METHANOL (ppb)	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)	FULL SCAN (ppb)
MW-3A	07/08/04	<1,000	<500	<100	45	<2	<2	9	<2	--	--
	02/04/05	<1,000	<500	<100	3	<2	<2	<2	<2	--	--
	08/04/05	<1,000	<500	<100	2	<2	<2	<2	<2	--	--
	03/06/06	**<200**	**<50**	**<5**	**0.9**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.8-<6[1]**
MW-7	08/02/01	--	<1,000	<100	18	<2.0	<2.0	<2.0	--	--	--
	02/13/02	--	--	<100	4	<2	<2	<2	--	--	--
	08/02/02	--	--	<100	7	<2	<2	<2	--	--	--
	02/03/03	--	--	<100	<2	<2	<2	<2	--	--	--
	08/01/03	--	--	<100	2	<2	<2	<2	--	--	--
	02/05/04	--	--	<100	<2	<2	<2	<2	--	--	--
	07/08/04	<1,000	<500	<100	<2	<2	<2	<2	--	--	--
	02/04/05	<1,000	<500	<100	<2	<2	<2	<2	--	--	--
	08/04/05	<1,000	<500	<100	<2	<2	<2	<2	--	--	--
	03/06/06	**<200**	**<50**	**<5**	**0.8**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.8-<6[1]**
MW-8	07/08/04	<1,000	<500	--	--	--	--	--	--	--	--
	02/04/05	<1,000	<500	--	--	--	--	--	--	--	--
	08/04/05	<1,000	<500	--	--	--	--	--	--	--	--
	03/06/06	**<200**	**<50**	**<5**	**3**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.8-<6[1]**
MW-9	08/02/01	--	<1,000	<100	23	<2.0	<2.0	10	--	--	--
	08/02/02	--	--	<100	9	<2	<2	2	--	--	--
	02/03/03	--	SAMPLED ANNUALLY		--	--	--	--	--	--	--
	08/01/03	--	--	<100	13	<2	<2	3	--	--	--
	07/08/04	<1,000	<500	<100	4	<2	<2	<2	--	--	--
	08/04/05	<1,000	<500	<100	<2	<2	<2	<2	--	--	--
	03/06/06	**<200**	**<50**	**<5**	**1**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.8-<6[1]**
MW-10	07/08/04	<1,000	<500	--	--	--	--	--	--	--	--

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0499

404 Soquel Avenue

Santa Cruz, California

WELL ID	DATE	METHANOL (ppb)	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)	1,2-DCA (ppb)	EDB (ppb)	FULL SCAN (ppb)
MW-10 (cont)	08/04/05	<1,000	<500	--	--	--	--	--	--	--	--
	03/06/06	**<200**	**<50**	**<5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.8-<6[1]**
E-1	08/02/01	--	<1,000	<100	8.6	<2.0	<2.0	2.2	<2.0	<2.0	--
	02/13/02	--	--	<100	13	<2	<2	4	<2	--	--
	08/02/02	--	--	<100	<2	<2	<2	<2	<2	--	--
	02/03/03	--	--	<100	7	<2	<2	<2	<2	--	--
	08/01/03	--	--	<100	<2	<2	<2	<2	<2	--	--
	02/05/04	--	--	<100	<2	<2	<2	<2	<2	--	--
	07/08/04	<1,000	<500	<100	12	<2	<2	<2	<2	--	--
	02/04/05	<1,000	<500	<100	30	<2	<2	2	<2	--	--
	08/04/05	<1,000	<500	<100	5	<2	<2	<2	--	--	--
	03/06/06	**<200**	**<50**	**<5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.8-<6[1]**
E-2	08/02/01	--	<1,000	<100	17	<2.0	<2.0	7.5	--	--	--
	02/13/02	--	--	<100	2	<2	<2	<2	--	--	--
	08/02/02	--	--	<100	8	<2	<2	<2	--	--	--
	02/03/03	--	--	<100	2	<2	<2	<2	--	--	--
	08/01/03	--	--	<100	3	<2	<2	<2	--	--	--
	02/05/04	--	--	<100	<2	<2	<2	<2	--	--	--
	07/08/04	<1,000	<500	<100	9	<2	<2	2	--	--	--
	02/04/05	<1,000	<500	<100	<2	<2	<2	<2	--	--	--
	08/04/05	<1,000	<500	<100	3	<2	<2	<2	--	--	--
	03/06/06	**<200**	**<50**	**<5**	**1**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.8-<6[1]**
MW-3	08/02/01	--	<1,000	<100	15	<2.0	<2.0	<2.0	<2.0	--	--
	08/02/02	--	--	<100	750	<2	<2	4	<2	--	--
	02/03/03	--	SAMPLED ANNUALLY		--	--	--	--	--	--	--
	08/01/03	--	--	<100	81	<2	<2	<2	<2	--	--
	DESTROYED - DECEMBER 2003										

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-0499

404 Soquel Avenue

Santa Cruz, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(ppb) = Parts per billion
-- = Not Analyzed

[1] Full Scan by EPA SW846/8260 was less then the detection limit. See laboratory report.

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

Table 3

Joint Groundwater Monitoring Data and Analytical Results

Former Arco Station #2132
411 Soquel Avenue
Santa Cruz, California

WELL ID/ TOC(ft.)	DATE	DTW (ft.)	GWE (msl)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1	02/13/02	10.98	--[1]	<50	<0.50	2.2	0.71	3.7	--/<1.0[2]
	01/14/03[4,5]	11.03	--[1]	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	02/05/04[7]	--	--	--	--	--	--	--	--
	SITE CLOSED								
MW-2	02/13/02	5.79	--[1]	2,400[3]	14	5.3	33	23	--/<1.0[2]
	01/14/03[4,5]	6.46	--[1]	1,600[6]	<0.50	0.53	4.2	9.9	<0.50
	02/05/04[7]	--	--	--	--	--	--	--	--
	SITE CLOSED								
MW-3	02/13/02	5.98	--[1]	<50	<0.50	<0.50	<0.50	<0.50	--/<1.0[2]
	01/14/03[4,5]	5.10	--[1]	<50	<0.50	<0.50	<0.50	<0.50	1.8
	02/05/04[7]	--	--	--	--	--	--	--	--
	SITE CLOSED								

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results were provided by Secor International, Inc., during the first quarter only.

TOC = Top of Casing
(ft.) = Feet
DTW = Depth to Water
GWE = Groundwater Elevation
(msl) = Mean sea level

TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes

MTBE = Methyl tertiary butyl ether
(ppb) = Parts per billion
-- = Not Measured/Not Analyzed

[1] TOC not available
[2] MTBE by EPA Method 8260.
[3] Laboratory report indicates weathered gasoline C6-C12.
[4] TPH-G, BTEX and MTBE by EPA Method 8260
[5] Joint Monitoring was conducted on a different date then Chevron Service Station #9-0499
[6] Laboratory report indicates the concentration indicated for this analyte is an estimated value above the calibration range of the instrument.
[7] Joint Monitoring was not performed; site on hold.

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 Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hill, California.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0499
Site Address: 404 Soquel Avenue
City: Santa Cruz, CA

Job Number: 386833
Event Date: 3/6/06 (inclusive)
Sampler: HAIG K.

Well ID: MW-3A
Date Monitored: 3/6/06
Well Condition: OK

Well Diameter: 4 in.
Total Depth: 20.02 ft.
Depth to Water: 6.44 ft.

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

13.58 xVF 0.66 = 8 x3 case volume= Estimated Purge Volume: 24 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): 1330
Sample Time/Date: 1355 3/6/06
Purging Flow Rate: 2 gpm.
Did well de-water? NO

Weather Conditions: CLOUDY
Water Color: CLOUDY
Odor: NO
Sediment Description:
If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1334	8	6.92	595	17.8		
1338	16	6.85	618	18.1		
1342	24	6.78	612	18.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3A	6 x voa vial	YES	HCL	LANCASTER	MEHTANOL/TPH-G(8015)/ FULL SCAN(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0499
Site Address: 404 Soquel Avenue
City: Santa Cruz, CA

Job Number: 386833
Event Date: 3/6/06 (inclusive)
Sampler: HAIG K.

Well ID: MW-7
Date Monitored: 3/6/06
Well Condition: OK

Well Diameter: 4 in.
Total Depth: 12.31 ft.
Depth to Water: 4.13 ft.
8.18 xVF 0.66 = 5 x3 case volume= Estimated Purge Volume: 15 gal.

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

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): 1040
Sample Time/Date: 1100 / 3/6/06
Purging Flow Rate: 2 gpm.
Did well de-water? NO

Weather Conditions: CLOUDY
Water Color: CLOUDY
Odor: NO
Sediment Description:
If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1043	5	7.63	402	15.8		
1045	10	7.51	418	16.3		
1048	15	7.48	423	16.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	MEHTANOL/TPH-G(8015)/ FULL SCAN(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0499
Site Address: 404 Soquel Avenue
City: Santa Cruz, CA

Job Number: 386833
Event Date: 3/6/06 (inclusive)
Sampler: HAIG K.

Well ID: MW-8
Date Monitored: 3/6/06
Well Condition: OK

Well Diameter: 4 in.
Total Depth: 13.40 ft.
Depth to Water: 5.71 ft.

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

7.69 xVF 0.66 = 5 x3 case volume= Estimated Purge Volume: 15 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): 1115
Sample Time/Date: 1135 3/6/06
Purging Flow Rate: 2 gpm.
Did well de-water? NO

Weather Conditions: CLOUDY
Water Color: CLEAR
Odor: NO
Sediment Description:
If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C° F)	D.O. (mg/L)	ORP (mV)
1118	5	7.44	360	18.0		
1121	10	7.38	383	18.3		
1124	15	7.35	396	18.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	6 x voa vial	YES	HCL	LANCASTER	MEHTANOL/TPH-G(8015)/ FULL SCAN(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0499
Site Address: 404 Soquel Avenue
City: Santa Cruz, CA

Job Number: 386833
Event Date: 3/6/06 (inclusive)
Sampler: HAIG K.

Well ID: MW-9
Date Monitored: 3/6/06
Well Condition: OK

Well Diameter: 4 in.
Total Depth: 12.92 ft.
Depth to Water: 5.45 ft.
7.47 xVF 0.66 = 4.9 x3 case volume= Estimated Purge Volume: 15 gal.

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

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): 1143
Sample Time/Date: 1200 3/6/06
Purging Flow Rate: 2 gpm.
Did well de-water? NO

Weather Conditions: CLOUDY
Water Color: CLEAR
Odor: NO
Sediment Description:
If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C) F)	D.O. (mg/L)	ORP (mV)
1146	5	7.16	572	18.2		
1148	10	6.94	590	18.1		
1151	15	6.90	586	18.4		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	6 x voa vial	YES	HCL	LANCASTER	MEHTANOL/TPH-G(8015)/ FULL SCAN(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0499
Site Address: 404 Soquel Avenue
City: Santa Cruz, CA

Job Number: 386833
Event Date: 3/6/06 (inclusive)
Sampler: HAIG K.

Well ID: MW-10
Date Monitored: 3/6/06
Well Condition: OK *

Well Diameter: 4 in.
Total Depth: 19.14 ft.
Depth to Water: 7.64 ft.

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

11.50 xVF 0.66 = 7 x3 case volume= Estimated Purge Volume: 21 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: Ø 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): 1218
Sample Time/Date: 1240 / 3/6/06
Purging Flow Rate: 2 gpm.
Did well de-water? NO

Weather Conditions: CLOUDY
Water Color: CLEAR
Odor: NO
Sediment Description:
If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C) F)	D.O. (mg/L)	ORP (mV)
1221	7	7.10	442	18.6		
1225	14	6.97	453	18.9		
1229	21	6.86	458	18.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	6 x voa vial	YES	HCL	LANCASTER	MEHTANOL/TPH-G(8015)/ FULL SCAN(8260)

COMMENTS: * TOC HAS 1" CRACK.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0499
Site Address: 404 Soquel Avenue
City: Santa Cruz, CA

Job Number: 386833
Event Date: 3/6/06 (inclusive)
Sampler: HAIG K.

Well ID: E-1
Date Monitored: 3/6/06
Well Condition: OK
Well Diameter: 6 in.
Total Depth: 15.62 ft.
Depth to Water: 6.45 ft.
9.17 xVF 1.50 13 x3 case volume= Estimated Purge Volume: 39 gal.

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

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): 1405
Sample Time/Date: 1430 3/6/06
Purging Flow Rate: 3 gpm
Did well de-water? NO
If yes, Time: Volume: gal.
Weather Conditions: CLOUDY
Water Color: CLEAR
Odor: NO
Sediment Description:

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1409	13	7.16	485	17.2		
1414	26	7.12	466	17.6		
1419	39	6.93	480	17.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
E-1	6 x voa vial	YES	HCL	LANCASTER	MEHTANOL/TPH-G(8015)/ FULL SCAN(8260)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-0499
Site Address: 404 Soquel Avenue
City: Santa Cruz, CA

Job Number: 386833
Event Date: 3/6/06 (inclusive)
Sampler: HAIG K.

Well ID: E-2
Date Monitored: 3/6/06
Well Condition: OK

Well Diameter: 6 in.
Total Depth: 16.12 ft.
Depth to Water: 6.39 ft.
9.73 xVF 1.50 = 14 x3 case volume= Estimated Purge Volume: 42 gal.

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

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: Ø 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): 1250
Sample Time/Date: 1315 3/6/06
Purging Flow Rate: 3 gpm.
Did well de-water? NO

Weather Conditions: CLOUDY
Water Color: CLOUDY
Odor: NO
Sediment Description:
If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C) F)	D.O. (mg/L)	ORP (mV)
1255	14	7.20	565	17.8		
1300	28	7.13	579	17.5		
1305	42	7.08	574	17.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
E-2	6 x voa vial	YES	HCL	LANCASTER	MEHTANOL/TPH-G(8015)/ FULL SCAN(8260)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

0306006 - 22

For Lancaster Laboratories use only
Acct. #: 11260 Sample #: 4723141-48 SCR#: 980663

Facility #: SS#9-0499-OML G-R#386833 Global ID#T0608700233
Site Address: 404 SOQUEL AVENUE, SANTA CRUZ, CA
Chevron PM: ML Lead Consultant: SAICJM
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: HAIG KEVORK
Service Order #: ☐ Non SAR:

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air ☐	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup ☐	8260 full scan	Oxygenates ___	Lead 7420 ☐ 7421 ☐	METHANOL (8015)	FULL SCAN (8260)				
										H					H	H				
QA	3/6/06		X			X		2		X										
MW-3A		1355	X			X		6		X					X	X				
MW-7		1100	X			X		6		X					X	X				
MW-8		1135	X			X		6		X					X	X				
MW-9		1200	X			X		6		X					X	X				
MW-10		1240	X			X		6		X					X	X				
E-1		1430	X			X		6		X					X	X				
E-2		1315	X			X		6		X					X	X				

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 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

Comments / Remarks
MUST MEET LOWEST DETECTION LIMIT POSSIBLE FOR METHANOL BY 8015.

NOTE: 5 DAY TURNAROUND TIME

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 need ☒ EDF/EDD
WIP (RWQCB)
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	3/6/06		[signature]	3/6/06	1645
[signature]	3/7/06		DHL	3/7/06	
Relinquished by Commercial Carrier: UPS FedEx Other DHL			[signature]	3/8/06	1000
Temperature Upon Receipt 4 coolers c° 3.9°-4.2°			Custody Seals Intact? Yes No		

3460 Rev. 7/30/01

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Road
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 980663. Samples arrived at the laboratory on Wednesday, March 08, 2006. The PO# for this group is 0015002581 and the release number is LAFFERTY.

Client Description			Lancaster Labs Number
QA-T-060306	NA	Water	4723141
MW-3A-W-060306	Grab	Water	4723142
MW-7-W-060306	Grab	Water	4723143
MW-8-W-060306	Grab	Water	4723144
MW-9-W-060306	Grab	Water	4723145
MW-10-W-060306	Grab	Water	4723146
E-1-W-060306	Grab	Water	4723147
E-2-W-060306	Grab	Water	4723148

ELECTRONIC COPY TO SAIC c/o Gettler-Ryan Attn: Cheryl Hansen

Lancaster Laboratories

Analysis Report

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

Questions? Contact your Client Services Representative
Lynn M Frederiksen at (717) 656-2300

Respectfully Submitted,

Elizabeth A. Smith
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Lancaster Laboratories Sample No. WW 4723141

QA-T-060306 NA Water GRD
Facility# 90499 Job# 386833
404 Soquel Ave-Santa Cruz T0608700233 QA
Collected:03/06/2006 by HK

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

499TB

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.

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	03/10/2006 06:52	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/10/2006 06:52	Steven A Skiles	1

Lancaster Laboratories

Analysis Report

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

Lancaster Laboratories Sample No. WW 4723142

MW-3A-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW-3A
Collected:03/06/2006 13:55 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

4993A

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.					
01412	Methanol and Ethanol					
01414	Methanol (by Direct Injection)	67-56-1	N.D.	200.	ug/l	1
05382	EPA SW846/8260 (water)					
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	ug/l	1
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
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	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
05400	1,1-Dichloropropene	563-58-6	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	0.9	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	ug/l	1

Lancaster Laboratories
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Analysis Report

Lancaster Laboratories Sample No. WW 4723142

MW-3A-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW-3A
Collected:03/06/2006 13:55 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

4993A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	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
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.9	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	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
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723142

MW-3A-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW-3A
Collected:03/06/2006 13:55 by HK

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Account Number: 11260

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

4993A

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	03/11/2006 14:00	K. Robert Caulfeild-James	1
01412	Methanol and Ethanol	SW-846 8015B	1	03/10/2006 11:38	Laura A Lockard	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/11/2006 15:49	Anita M Dale	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/11/2006 15:49	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 14:00	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/11/2006 15:49	Anita M Dale	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4723143

MW-7-W-060306 Grab Water GRD
Facility# 90499 Job# 386833
404 Soquel Ave-Santa Cruz T0608700233 MW-7
Collected:03/06/2006 11:00 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49907

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.					
01412	Methanol and Ethanol					
01414	Methanol (by Direct Injection)	67-56-1	N.D.	200.	ug/l	1
05382	EPA SW846/8260 (water)					
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	ug/l	1
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
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	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
05400	1,1-Dichloropropene	563-58-6	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	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723143

MW-7-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW-7
Collected:03/06/2006 11:00 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49907

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	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
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.8	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	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
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723143

MW-7-W-060306 Grab Water GRD
Facility# 90499 Job# 386833
404 Soquel Ave-Santa Cruz T0608700233 MW-7
Collected:03/06/2006 11:00 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49907

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	03/11/2006 14:28	K. Robert Caulfeild-James	1
01412	Methanol and Ethanol	SW-846 8015B	1	03/10/2006 11:52	Laura A Lockard	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/11/2006 16:12	Anita M Dale	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/11/2006 16:12	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 14:28	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/11/2006 16:12	Anita M Dale	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4723144

MW-8-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW-8
Collected:03/06/2006 11:35 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49908

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	83.	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.					
01412	Methanol and Ethanol					
01414	Methanol (by Direct Injection)	67-56-1	N.D.	200.	ug/l	1
05382	EPA SW846/8260 (water)					
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	ug/l	1
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
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	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
05400	1,1-Dichloropropene	563-58-6	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	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723144

MW-8-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW-8
Collected:03/06/2006 11:35 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49908

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	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
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	3.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	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
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723144

MW-8-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW-8
Collected:03/06/2006 11:35 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49908

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	03/11/2006 14:57	K. Robert Caulfeild-James	1
01412	Methanol and Ethanol	SW-846 8015B	1	03/10/2006 12:07	Laura A Lockard	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/11/2006 16:36	Anita M Dale	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/11/2006 16:36	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 14:57	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/11/2006 16:36	Anita M Dale	1

Lancaster Laboratories

Analysis Report

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Lancaster Laboratories Sample No. WW 4723145

MW-9-W-060306 Grab Water GRD
Facility# 90499 Job# 386833
404 Soquel Ave-Santa Cruz T0608700233 MW-9
Collected:03/06/2006 12:00 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49909

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.					
01412	Methanol and Ethanol					
01414	Methanol (by Direct Injection)	67-56-1	N.D.	200.	ug/l	1
05382	EPA SW846/8260 (water)					
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	ug/l	1
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
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	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
05400	1,1-Dichloropropene	563-58-6	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	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723145

MW-9-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW-9
Collected:03/06/2006 12:00 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49909

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	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
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	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
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723145

MW-9-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW-9
Collected:03/06/2006 12:00 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49909

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	03/11/2006 15:26	K. Robert Caulfeild-James	1
01412	Methanol and Ethanol	SW-846 8015B	1	03/10/2006 12:21	Laura A Lockard	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/11/2006 16:59	Anita M Dale	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/11/2006 16:59	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 15:26	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/11/2006 16:59	Anita M Dale	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4723146

MW-10-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW10
Collected:03/06/2006 12:40 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49910

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.					
01412	Methanol and Ethanol					
01414	Methanol (by Direct Injection)	67-56-1	N.D.	200.	ug/l	1
05382	EPA SW846/8260 (water)					
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	ug/l	1
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
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	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
05400	1,1-Dichloropropene	563-58-6	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	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723146

MW-10-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW10
Collected:03/06/2006 12:40 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49910

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	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
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	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
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4723146

MW-10-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 MW10
Collected:03/06/2006 12:40 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

49910

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	03/11/2006 15:55	K. Robert Caulfeild-James	1
01412	Methanol and Ethanol	SW-846 8015B	1	03/10/2006 12:36	Laura A Lockard	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/11/2006 17:23	Anita M Dale	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/11/2006 17:23	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 15:55	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/11/2006 17:23	Anita M Dale	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4723147

E-1-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 E-1
Collected:03/06/2006 14:30 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

499E1

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.					
01412	Methanol and Ethanol					
01414	Methanol (by Direct Injection)	67-56-1	N.D.	200.	ug/l	1
05382	EPA SW846/8260 (water)					
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	ug/l	1
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
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	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
05400	1,1-Dichloropropene	563-58-6	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	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723147

E-1-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 E-1
Collected:03/06/2006 14:30 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

499E1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	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
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	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
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723147

E-1-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 E-1
Collected:03/06/2006 14:30 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:49
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

499E1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	03/11/2006 16:24	K. Robert Caulfeild-James	1
01412	Methanol and Ethanol	SW-846 8015B	1	03/10/2006 12:50	Laura A Lockard	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/11/2006 17:46	Anita M Dale	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/11/2006 17:46	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 16:24	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/11/2006 17:46	Anita M Dale	1

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Analysis Report

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Lancaster Laboratories Sample No. WW 4723148

E-2-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 E-2
Collected:03/06/2006 13:15 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:50
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

499E2

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.					
01412	Methanol and Ethanol					
01414	Methanol (by Direct Injection)	67-56-1	N.D.	200.	ug/l	1
05382	EPA SW846/8260 (water)					
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.	ug/l	1
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
05394	2,2-Dichloropropane	594-20-7	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05397	Bromochloromethane	74-97-5	N.D.	1.	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
05400	1,1-Dichloropropene	563-58-6	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	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05410	1,3-Dichloropropane	142-28-9	N.D.	1.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05412	1,2-Dibromoethane	106-93-4	N.D.	0.5	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723148

E-2-W-060306 Grab Water GRD
Facility# 90499 Job# 386833
404 Soquel Ave-Santa Cruz T0608700233 E-2
Collected:03/06/2006 13:15 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:50
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

499E2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05425	2-Chlorotoluene	95-49-8	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05427	4-Chlorotoluene	106-43-4	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	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
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
05436	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	2.	ug/l	1
05437	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
05438	Hexachlorobutadiene	87-68-3	N.D.	2.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
05440	1,2,3-Trichlorobenzene	87-61-6	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	5.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	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
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4723148

E-2-W-060306 Grab Water
Facility# 90499 Job# 386833 GRD
404 Soquel Ave-Santa Cruz T0608700233 E-2
Collected:03/06/2006 13:15 by HK

Account Number: 11260

Submitted: 03/08/2006 10:00
Reported: 03/15/2006 at 16:50
Discard: 04/15/2006

Chevron
6001 Bollinger Canyon Road
L4310
San Ramon CA 94583

499E2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.	ug/l	1
	2-Chloroethyl vinyl ether is an acid labile compound and may not be recovered in an acid preserved sample.					
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT GRO	1	03/11/2006 16:53	K. Robert Caulfeild-James	1
01412	Methanol and Ethanol	SW-846 8015B	1	03/10/2006 13:04	Laura A Lockard	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/11/2006 18:10	Anita M Dale	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/11/2006 18:10	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/11/2006 16:53	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/11/2006 18:10	Anita M Dale	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 03/15/06 at 04:50 PM

Group Number: 980663

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

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 060680024A	Sample number(s): 4723142-4723148							
Methanol (by Direct Injection)	N.D.	200.	ug/l	100		80-120		
Batch number: 06069B20A	Sample number(s): 4723141							
TPH-GRO - Waters	N.D.	50.	ug/l	111	111	70-130	0	30
Batch number: 06070A16A	Sample number(s): 4723142-4723148							
TPH-GRO - Waters	N.D.	50.	ug/l	110	108	70-130	1	30
Batch number: W060693AB	Sample number(s): 4723142-4723148							
Ethanol	N.D.	50.	ug/l	93		35-168		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	100		73-119		
di-Isopropyl ether	N.D.	0.8	ug/l	101		67-130		
Ethyl t-butyl ether	N.D.	0.8	ug/l	98		74-120		
t-Amyl methyl ether	N.D.	0.8	ug/l	99		79-113		
t-Butyl alcohol	N.D.	10.	ug/l	100		69-127		
Dichlorodifluoromethane	N.D.	2.	ug/l	119		39-160		
Chloromethane	N.D.	1.	ug/l	99		56-134		
Vinyl Chloride	N.D.	1.	ug/l	101		62-123		
Bromomethane	N.D.	1.	ug/l	108		47-129		
Chloroethane	N.D.	1.	ug/l	103		57-125		
Trichlorofluoromethane	N.D.	2.	ug/l	111		67-136		
1,1-Dichloroethene	N.D.	0.8	ug/l	108		79-130		
Methylene Chloride	N.D.	2.	ug/l	104		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	102		83-117		
1,1-Dichloroethane	N.D.	1.	ug/l	104		83-127		
2,2-Dichloropropane	N.D.	1.	ug/l	106		74-130		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	104		84-117		
Chloroform	N.D.	0.8	ug/l	107		86-124		
Bromochloromethane	N.D.	1.	ug/l	108		73-126		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	108		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	110		77-130		
1,1-Dichloropropene	N.D.	1.	ug/l	108		84-116		
Benzene	N.D.	0.5	ug/l	105		85-117		
1,2-Dichloroethane	N.D.	1.	ug/l	109		77-132		
Trichloroethene	N.D.	1.	ug/l	107		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	104		80-117		
Dibromomethane	N.D.	1.	ug/l	109		87-117		
Bromodichloromethane	N.D.	1.	ug/l	108		83-121		
Toluene	N.D.	0.7	ug/l	100		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	99		86-113		
Tetrachloroethene	N.D.	0.8	ug/l	100		74-125		
1,3-Dichloropropane	N.D.	1.	ug/l	99		84-119		
Dibromochloromethane	N.D.	1.	ug/l	103		78-119		
1,2-Dibromoethane	N.D.	1.	ug/l	99		81-114		
Chlorobenzene	N.D.	0.8	ug/l	98		85-115		
1,1,1,2-Tetrachloroethane	N.D.	1.	ug/l	98		83-114		

*- 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

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 03/15/06 at 04:50 PM

Group Number: 980663

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethylbenzene	N.D.	0.8	ug/l	99		82-119		
m+p-Xylene	N.D.	0.8	ug/l	96		83-113		
o-Xylene	N.D.	0.8	ug/l	96		83-113		
Styrene	N.D.	1.	ug/l	96		82-111		
Bromoform	N.D.	1.	ug/l	95		69-118		
Isopropylbenzene	N.D.	1.	ug/l	99		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	94		72-119		
Bromobenzene	N.D.	1.	ug/l	99		82-110		
1,2,3-Trichloropropane	N.D.	1.	ug/l	96		78-117		
n-Propylbenzene	N.D.	1.	ug/l	100		78-119		
2-Chlorotoluene	N.D.	1.	ug/l	97		78-115		
1,3,5-Trimethylbenzene	N.D.	1.	ug/l	97		78-116		
4-Chlorotoluene	N.D.	1.	ug/l	98		80-112		
tert-Butylbenzene	N.D.	1.	ug/l	97		74-114		
1,2,4-Trimethylbenzene	N.D.	1.	ug/l	97		78-117		
sec-Butylbenzene	N.D.	1.	ug/l	97		72-120		
p-Isopropyltoluene	N.D.	1.	ug/l	97		72-118		
1,3-Dichlorobenzene	N.D.	1.	ug/l	96		81-114		
1,4-Dichlorobenzene	N.D.	1.	ug/l	98		84-116		
n-Butylbenzene	N.D.	1.	ug/l	92		69-128		
1,2-Dichlorobenzene	N.D.	1.	ug/l	96		81-112		
1,2-Dibromo-3-chloropropane	N.D.	2.	ug/l	91		55-127		
1,2,4-Trichlorobenzene	N.D.	1.	ug/l	94		65-114		
Hexachlorobutadiene	N.D.	2.	ug/l	94		56-120		
Naphthalene	N.D.	1.	ug/l	94		61-116		
1,2,3-Trichlorobenzene	N.D.	1.	ug/l	95		67-114		
Acetone	N.D.	6.	ug/l	160		21-226		
Carbon Disulfide	N.D.	1.	ug/l	95		63-133		
2-Butanone	N.D.	3.	ug/l	124		52-163		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	98		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	103		78-114		
4-Methyl-2-pentanone	N.D.	3.	ug/l	103		70-130		
2-Hexanone	N.D.	3.	ug/l	106		61-140		
2-Chloroethyl Vinyl Ether	N.D.	2.	ug/l	102		73-122		
Freon 113	N.D.	2.	ug/l	106		64-134		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 060680024A	Sample number(s): 4723142-4723148 UNSPK: P721520								
Methanol (by Direct Injection)	104	104	81-117	0	20				
Batch number: 06069B20A	Sample number(s): 4723141 UNSPK: P722244								
TPH-GRO - Waters	94		63-154						
Batch number: 06070A16A	Sample number(s): 4723142-4723148 UNSPK: 4723145								
TPH-GRO - Waters	119		63-154						
Batch number: W060693AB	Sample number(s): 4723142-4723148 UNSPK: P724152								

*- 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.

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 03/15/06 at 04:50 PM

Group Number: 980663

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Ethanol	83	95	34-161	13	30				
Methyl Tertiary Butyl Ether	106	107	69-127	1	30				
di-Isopropyl ether	105	106	75-130	0	30				
Ethyl t-butyl ether	105	106	78-119	0	30				
t-Amyl methyl ether	104	107	72-125	3	30				
t-Butyl alcohol	102	106	64-130	4	30				
Dichlorodifluoromethane	141	132	43-200	7	30				
Chloromethane	115	111	59-148	4	30				
Vinyl Chloride	113	115	67-142	2	30				
Bromomethane	119	129	52-141	9	30				
Chloroethane	112	115	63-142	2	30				
Trichlorofluoromethane	133	131	75-163	2	30				
1,1-Dichloroethene	124	122	87-145	2	30				
Methylene Chloride	111	111	79-133	1	30				
trans-1,2-Dichloroethene	115	113	82-133	1	30				
1,1-Dichloroethane	116	116	85-135	0	30				
2,2-Dichloropropane	123	120	79-146	2	30				
cis-1,2-Dichloroethene	112	113	83-126	0	30				
Chloroform	119	118	82-131	0	30				
Bromochloromethane	114	115	71-134	0	30				
1,1,1-Trichloroethane	126	123	81-142	3	30				
Carbon Tetrachloride	129	127	79-155	2	30				
1,1-Dichloropropene	121	120	86-134	0	30				
Benzene	114	114	83-128	0	30				
1,2-Dichloroethane	124	124	70-143	0	30				
Trichloroethene	119	118	83-136	0	30				
1,2-Dichloropropane	112	113	83-129	1	30				
Dibromomethane	115	114	82-128	1	30				
Bromodichloromethane	121	120	80-129	1	30				
Toluene	106	106	83-127	0	30				
1,1,2-Trichloroethane	104	103	77-125	1	30				
Tetrachloroethene	112	111	78-133	0	30				
1,3-Dichloropropane	101	105	82-121	3	30				
Dibromochloromethane	110	109	82-119	1	30				
1,2-Dibromoethane	103	105	78-120	1	30				
Chlorobenzene	107	109	83-120	2	30				
1,1,1,2-Tetrachloroethane	109	109	83-119	1	30				
Ethylbenzene	109	109	82-129	0	30				
m+p-Xylene	105	105	82-130	0	30				
o-Xylene	103	103	82-130	0	30				
Styrene	101	102	76-126	1	30				
Bromoform	101	101	64-119	1	30				
Isopropylbenzene	109	107	81-130	1	30				
1,1,2,2-Tetrachloroethane	95	98	69-128	3	30				
Bromobenzene	103	104	83-121	1	30				
1,2,3-Trichloropropane	99	100	73-125	1	30				
n-Propylbenzene	106	105	74-138	0	30				
2-Chlorotoluene	103	104	78-121	1	30				
1,3,5-Trimethylbenzene	103	102	77-124	1	30				
4-Chlorotoluene	104	103	81-123	1	30				
tert-Butylbenzene	103	104	76-128	1	30				
1,2,4-Trimethylbenzene	102	102	80-125	1	30				
sec-Butylbenzene	103	102	73-129	1	30				

*- Outside of specification
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(2) The background result was more than four times the spike added.

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 03/15/06 at 04:50 PM

Group Number: 980663

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
p-Isopropyltoluene	103	101	72-128	2	30				
1,3-Dichlorobenzene	100	101	79-123	1	30				
1,4-Dichlorobenzene	104	103	81-122	1	30				
n-Butylbenzene	97	96	67-141	1	30				
1,2-Dichlorobenzene	105	106	82-117	1	30				
1,2-Dibromo-3-chloropropane	95	101	52-137	6	30				
1,2,4-Trichlorobenzene	98	96	60-121	2	30				
Hexachlorobutadiene	96	91	51-135	5	30				
Naphthalene	96	96	50-124	0	30				
1,2,3-Trichlorobenzene	97	96	58-122	1	30				
Acetone	99	102	48-143	3	30				
Carbon Disulfide	106	106	67-150	0	30				
2-Butanone	101	105	57-137	4	30				
trans-1,3-Dichloropropene	104	104	77-123	0	30				
cis-1,3-Dichloropropene	107	109	80-126	1	30				
4-Methyl-2-pentanone	106	110	68-133	3	30				
2-Hexanone	99	105	60-135	5	30				
2-Chloroethyl Vinyl Ether	0*	0*	1-172	0	30				
Freon 113	122	119	74-129	3	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: Methanol and Ethanol
Batch number: 060680024A

	Acetone
4723142	109
4723143	115
4723144	112
4723145	119
4723146	109
4723147	111
4723148	110
Blank	110
LCS	108
MS	112
MSD	109
Limits:	67-131

Analysis Name: TPH-GRO - Waters
Batch number: 06069B20A

	Trifluorotoluene-F
4723141	97
Blank	105
LCS	121

*- Outside of specification
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(2) The background result was more than four times the spike added.

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 03/15/06 at 04:50 PM

Group Number: 980663

Surrogate Quality Control

LCSD	125
MS	123
Limits:	63-135

Analysis Name: TPH-GRO - Waters
Batch number: 06070A16A

	Trifluorotoluene-F
4723142	91
4723143	91
4723144	88
4723145	90
4723146	90
4723147	88
4723148	88
Blank	89
LCS	91
LCSD	87
MS	87
Limits:	63-135

Analysis Name: EPA SW846/8260 (water)
Batch number: W060693AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4723142	90	88	85	87
4723143	91	86	84	88
4723144	91	86	85	90
4723145	93	89	85	86
4723146	92	90	84	87
4723147	92	88	84	86
4723148	91	87	85	87
Blank	92	86	86	88
LCS	91	90	87	90
MS	93	88	86	91
MSD	93	91	86	91
Limits:	80-116	77-113	80-113	78-113

*- 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.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected
TNTC	Too Numerous To Count
IU	International Units
umhos/cm	micromhos/cm
C	degrees Celsius
Cal	(diet) calories
meq	milliequivalents
g	gram(s)
ug	microgram(s)
ml	milliliter(s)
m3	cubic meter(s)
BMQL	Below Minimum Quantitation Level
MPN	Most Probable Number
CP Units	cobalt-chloroplatinate units
NTU	nephelometric turbidity units
F	degrees Fahrenheit
lb.	pound(s)
kg	kilogram(s)
mg	milligram(s)
l	liter(s)
ul	microliter(s)
fib >5 um/ml	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

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.

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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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