



GETTLER-RYAN INC.

MAY 24 2002

3207
AMIR

TRANSMITTAL

shd m b

May 6, 2002
G-R #385259

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

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

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

Handwritten notes: "shd m b" and a circled signature.

RE: **Chevron Service Station
#9-0504
15900 Hesperian Boulevard
San Lorenzo, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	May 1, 2002	Groundwater Monitoring and Sampling Report First Semi-Annual - Event of March 21, 2002

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **May 21, 2002**, at which time the final report will be distributed to the following:

- cc: Mr. Larry Seto, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
- Mr. Greg Gurss, Gettler-Ryan Inc., 3140 Gold Camp Drive, Suite 170, Rancho Cordova, CA 95670
- Mr. Mike Bakaldin, Hazmat, San Leandro Fire Department, 835 East 14th Street, Suite 200, San Leandro, CA 94577
- Mr. Bodh Kunwar, 3539 Shadow Creek Drive, Danville, CA 94506
- Ms. Wendy Helling, Met Life Corporation, 10900 NE 4th Street, Suite 500, Bellevue, WA 98004-5853
- Mr. Scott Bohannon, Bohannon Development, Sixty 31st Avenue, San Mateo, CA 94403

Enclosures



GETTLER-RYAN INC.

May 1, 2002
G-R Job #385259

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

RE: First Semi-Annual Event of March 21, 2002
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

MAY 24 2002

Dear Ms. Streich:

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

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

Douglas J. Lee
Senior Geologist, R.G. No. 6882

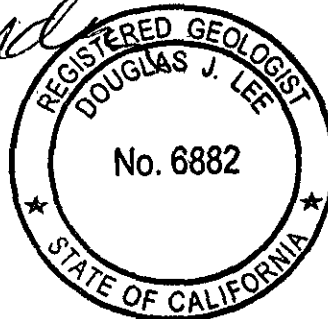
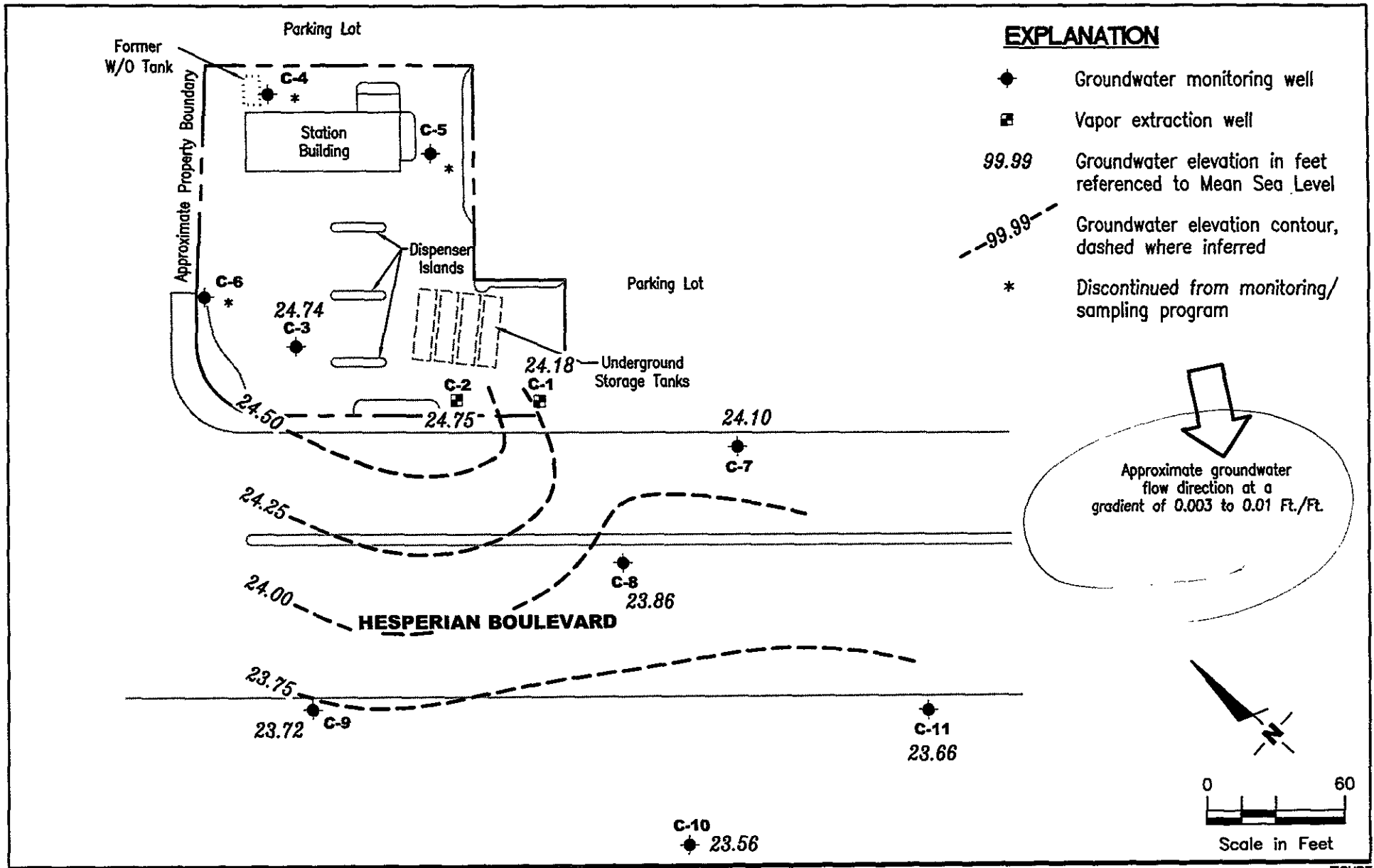


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



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

POTENTIOMETRIC MAP
 Chevron Service Station #9-0504
 15900 Hesperian Boulevard
 San Lorenzo, California

FIGURE

1

PROJECT NUMBER
 385259

REVIEWED BY

DATE
 March 21, 2002

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
 Chevron Service Station #9-0504
 15900 Hesperian Boulevard
 San Lorenzo, California

WELL ID/ DATE	TOC (fl.)	GWE (msl)	DTW (fl.)	SPHT (fl.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-1											
06/06/89	--	--	--	--	5,100	250	170	200	990	--	--
12/08/89	--	--	13.14	0.01	--	--	--	--	--	--	--
09/07/90	33.93	19.91	14.04	0.03	--	--	--	--	--	--	--
12/20/90	33.93	20.07	13.87	0.01	--	--	--	--	--	--	--
03/15/91	33.93	22.53	11.40	--	37,000	220	53	53	1,900	--	--
06/28/91	33.93	21.68	12.25	--	3,300	110	6.2	6.2	350	--	--
09/26/91	33.93	19.91	14.02	--	3,200	220	6.9	6.9	710	--	--
01/27/92	33.93	21.30	12.63	--	330	20	0.6	0.6	48	--	--
04/20/92	33.93	23.50	10.43	--	2,700	130	3.4	3.4	690	--	--
07/17/92	33.93	21.32	12.61	--	490	17	<0.5	<0.5	52	--	--
01/20/93	33.93	24.51	9.42	--	--	--	--	--	--	--	--
07/28/93	33.93	23.45	10.48	--	--	--	--	--	--	--	--
10/27/93	32.80	21.48	11.32	--	240	3.6	<0.5	11	23	--	--
03/31/94	32.80	23.35	9.45	--	530	23	1.2	10	120	--	--
06/08/94	32.80	22.87	9.93	--	990	15	1.5	42	89	--	--
09/29/94	32.80	INACCESSIBLE		--	--	--	--	--	--	--	--
11/09/94	32.80	INACCESSIBLE		--	--	--	--	--	--	--	--
12/14/94	32.80	INACCESSIBLE		--	--	--	--	--	--	--	--
03/30/95	32.80	24.79	8.01	--	3,900	21	7.2	190	250	--	--
06/30/95	32.80	22.98	9.82	--	1,400	3.1	0.8	54	95	--	--
09/22/95	32.80	22.20	10.60	--	620 ⁷	0.7	<0.5	3.3	3.5	--	--
12/11/95	32.80	22.50	10.30	--	210	2.4	<0.5	43	85	79	--
03/08/96	32.80	25.15	7.65	--	750	2.1	<0.5	22	34	330	--
06/21/96	32.80	23.52	9.28	--	2,800	9.0	<0.5	94	83	1,300	--
09/27/96	32.80	22.52	10.28	--	770	0.5	<0.5	5.1	6.1	580	--
01/03/97	32.80	24.95	7.85	--	1,800	2.8	<0.5	51	41	110	--
03/28/97	32.80	23.43	9.37	--	720	0.6	<0.5	4.7	3.7	200	--
09/30/97	32.80	MONITORED ANNUALLY		--	--	--	--	--	--	--	--
03/28/98	32.80	25.08	7.72	--	940 ⁸	3.9	<0.5	17	4.7	290	--
03/19/99	32.80	24.29	8.51	--	320	<0.5	<0.5	8.5	2.5	350	--
03/21/00	32.80	24.72	8.08	--	432	<0.5	2.04	5.33	0.658	154	--
08/28/00	32.80	MONITORED /SAMPLED ANNUALLY		--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>msl</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)	HVOCs (<i>ppb</i>)
C-1 (cont)											
03/02/01	32.80	24.09	8.71	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	32.8	--
09/04/01	32.80	MONITORED /SAMPLED ANNUALLY									
03/21/02	32.80	24.18	8.62	0.00	<50	<0.50	<0.50	<0.50	<1.5	20	--
C-2											
06/06/89	--	--	--	--	130,000	14,000	28,000	3,400	24,000	--	--
12/08/89	--	--	13.44	0.15	--	--	--	--	--	--	--
09/07/90	34.21	20.01	14.28	0.10	--	--	--	--	--	--	--
12/20/90	34.21	20.16	14.06	0.01	--	--	--	--	--	--	--
03/15/91	34.21	22.63	11.59	0.01	1,200,000	4,700	16,000	13,000	140,000	--	--
06/28/91	34.21	21.66	12.55	--	150,000	3,500	4,200	2,100	16,000	--	--
09/26/91	34.21	20.01	14.20	--	4,900	220	290	130	880	--	--
01/27/92	34.21	21.75	12.46	--	8,200	510	590	230	1,300	--	--
04/20/92	34.21	23.97	10.24	--	19,000	1,700	1,700	930	4,700	--	--
07/17/92	34.21	21.40	12.81	--	20,000	950	950	1,300	4,700	--	--
01/20/93	34.21	25.42	8.79	--	--	--	--	--	--	--	--
10/27/93	33.46	21.10	12.36	--	1,600	63	5.8	5.9	190	--	--
03/31/94	33.46	23.84	9.62	--	12,000	300	96	510	2,700	--	--
06/08/94	33.46	23.48	9.98	--	8,700	140	35	250	1,500	--	--
09/28/94	33.46	INACCESSIBLE									
11/09/94	33.46	INACCESSIBLE									
12/14/94	33.46	INACCESSIBLE									
03/30/95	33.46	25.77	7.69	--	1,400	17	5.4	52	240	--	--
06/30/95	33.46	23.56	9.90	--	730	22	2.6	50	240	--	--
09/22/95	33.46	22.85	10.61	--	2,100 ⁷	66	7.3	140	550	--	--
12/11/95	33.46	23.08	10.38	--	3,700	23	<0.5	68	300	1,000	--
03/08/96	33.46	25.76	7.70	--	2,200	19	<5.0	63	290	1,300	--
06/21/96	33.46	24.09	9.37	--	2,200	23	1.1	70	260	2,300	--
09/27/96	33.46	22.88	10.58	--	5,500	12	0.6	30	110	2,200	--
01/03/97	33.46	25.56	7.90	--	750	4.2	<0.5	29	120	51	--
03/28/97	33.46	24.11	9.35	--	1,300	12	1.5	24	86	310	--
09/30/97	33.46	MONITORED ANNUALLY									

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-2 (cont)											
03/28/98	33.46	25.46	8.00	--	1,100 ⁸	14	<5.0	34	79	710	--
03/19/99	33.46	25.01	8.45	--	1,400	15	<0.5	56	130	460	--
03/21/00	33.46	25.37	8.09	--	5,420	9.69	<0.5	76.5	125	168	--
08/28/00	33.46	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/02/01	33.46	24.68	8.78	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	33.46	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--
03/21/02	33.46	24.75	8.71	0.00	<50	<0.50	<0.50	<0.50	<1.5	4.5	--
C-3											
06/06/89	--	--	--	--	2,600	63	20	390	370	--	--
12/08/89	--	--	--	--	680	6.0	1.0	31	58	--	--
09/07/90	35.46	20.15	15.31	--	490	6.0	<0.5	41	120	--	--
09/07/90 (D)	35.46	--	--	--	460	6.0	<0.5	40	110	--	--
12/20/90	35.46	20.29	15.17	--	100	5.0	<0.5	27	130	--	--
03/06/91	35.46	22.19	13.27	--	1,300	7.0	<0.5	75	250	--	--
03/06/91 (D)	35.46	--	--	--	1,400	8.0	<0.5	76	250	--	--
06/28/91	35.46	21.79	13.67	--	770	6.0	<0.5	81	71	--	--
06/28/91 (D)	35.46	--	--	--	990	5.5	<0.5	86	75	--	--
09/26/91	35.46	20.14	15.32	--	1,400	7.9	<0.5	98	340	--	--
01/27/92	35.46	21.55	13.91	--	150	0.7	<0.5	12	12	--	--
04/20/92	35.46	23.80	11.66	--	1,600	9.3	1.0	190	370	--	--
07/17/92	35.46	21.50	13.96	--	460	18	<0.5	20	52	--	--
10/29/92	35.46	19.95	15.51	--	520	2.4	1.0	30	79	--	--
01/20/93	35.46	24.47	10.99	--	4,200	7.4	<0.5	140	380	--	--
05/03/93	35.46	24.49	10.97	--	1,300	6.8	3.2	71	170	--	--
07/28/93	35.46	23.05	12.41	--	220	1.4	<0.5	17	39	--	--
10/27/93	35.46	21.78	13.37	--	1,800	5.5	0.7	68	290	--	--
03/31/94	35.46	23.90	11.56 ¹	--	310	1.2	<0.5	19	54	--	--
06/08/94	35.46	23.39	12.07	--	300	2.7	1.6	19	48	--	--
09/29/94 ²	35.46	21.62	13.84	--	2,500	<25	<25	<25	220	--	--
11/09/94 ⁵	35.46	--	--	--	170	<0.5	0.8	3.3	16	--	--
12/14/94	35.46	23.61	11.85	--	510	3.2	1.4	28	60	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-3 (cont)											
03/30/95	35.46	25.85	9.61	--	66	<0.5	<0.5	1.1	2.4	--	--
06/30/95	35.46	23.96	11.50	--	1,500	1.9	8.1	100	300	--	--
09/22/95	35.46	22.88	12.58	--	600 ⁷	0.7	<0.5	43	110	--	--
12/11/95	35.46	22.91	12.55	--	670 ⁸	<0.5	<0.5	7.0	13	15	--
03/08/96	35.46	25.80	9.66	--	3,600	7.5	33	130	400	1,100	--
06/21/96	35.46	23.68	11.78	--	310	<0.5	<0.5	16	49	57	--
09/27/96	35.46	23.09	12.37	--	250	<0.5	<0.5	3.6	9.6	44	--
01/03/97	35.46	25.57	9.89	--	170	<0.5	1.2	4.5	15	15	--
03/28/97	35.46	24.50	10.96	--	60	<0.5	<0.5	1.7	1.8	23	--
09/30/97	35.46	MONITORED ANNUALLY			--	--	--	--	--	--	--
03/28/98	35.46	25.74	9.72	--	<50	0.88	<0.5	<0.5	<0.5	16	--
03/19/99	35.46	25.44	10.02	--	<50	<0.5	<0.5	<0.5	0.65	12	--
03/21/00	35.46	25.36	10.10	--	122	<0.5	<0.5	4.96	11.7	6.13	--
08/28/00	35.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/01	35.46	24.67	10.79	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	35.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/21/02	35.46	24.74	10.72	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
C-4											
06/06/89	--	--	--	--	<50	<0.05	<1.0	<1.0	<3.0	--	--
12/08/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.78	20.20	15.58	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.78	20.36	15.42	--	170	1.0	<0.5	<0.5	4.0	--	--
03/06/91	35.78	22.24	13.54	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.78	21.85	13.93	--	<50	<0.5	<0.5	<0.5	<0.8	--	--
09/26/91	35.78	20.14	15.64	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.78	--	15.64	--	<50	<0.5	<0.5	<0.5	--	--	--
01/27/92	35.78	21.82	13.96	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.78	24.07	11.71	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.78	21.59	14.19	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.78	20.06	15.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.78	24.61	11.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-4 (cont)											
05/03/93	35.78	24.84	10.94	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/28/93	35.78	23.38	12.40	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	35.23	21.91	13.32	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	35.23	INACCESSIBLE	--	--	--	--	--	--	--	--	--
06/08/94	35.23	23.31	11.92	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94 ^{2,4}	35.23	21.47	13.76	--	<2,500	<25	<25	<25	<25	--	--
11/09/94 ^{4,5}	35.23	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	ND ³
12/14/94 ⁶	35.23	23.44	11.79	--	<50	2.1	3.0	1.9	3.7	--	ND ³
03/30/95	35.23	26.22	9.01	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	35.23	23.79	11.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	35.23	22.72	12.51	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	35.23	22.61	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	35.23	25.60	9.63	--	<50	<0.5	<0.5	<0.5	0.6	<5.0	--
06/21/96	35.23	23.99	11.24	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	35.23	22.92	12.31	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	35.23	25.54	9.69	--	<50	1.5	7.2	1.3	6.2	<5.0	--
03/28/97	35.23	24.23	11.00	--	<50	5.0	8.3	0.8	4.7	<5.0	--
NOT MONITORED/SAMPLED											
C-5											
06/06/89	--	--	--	--	<50	<0.05	<0.05	<1.0	<3.0	--	--
12/08/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	35.31	20.21	15.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	35.31	20.37	14.94	--	80	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	35.31	22.25	13.06	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	35.31	21.85	13.46	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	35.31	20.17	15.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	35.31	22.00	13.31	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	35.31	24.21	11.10	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	35.31	21.58	13.73	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	35.31	20.11	15.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	35.31	24.59	10.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	FOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-5 (cont)											
05/03/93	35.31	24.88	10.43	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	35.31	23.50	11.81	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	34.61	21.93	12.68	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	34.61	23.61	11.00 ¹	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	34.61	23.35	11.26	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94 ²	34.61	21.51	13.10	--	<2,500	<25	<25	<25	<25	--	--
11/09/94 ³	34.61	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	34.61	23.24	11.37	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	34.61	25.64	8.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	34.61	23.78	10.83	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	34.61	22.72	11.89	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	34.61	22.83	11.78	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	34.61	25.59	9.02	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	34.61	23.97	10.64	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	34.61	23.04	11.57	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	34.61	25.59	9.02	--	<50	0.7	3.2	<0.5	2.2	<5.0	--
03/28/97	34.61	24.23	10.38	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED											
C-6											
12/08/89	--	--	--	--	<500	<0.5	<0.5	<0.5	<0.5	--	--
09/07/90	36.89	20.06	16.83	--	57	<0.5	<0.5	0.6	4.0	--	--
12/20/90	36.89	20.23	16.66	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	36.89	22.09	14.80	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	36.89	21.73	15.16	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	36.89	20.07	16.82	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	36.89	21.45	15.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	36.89	23.72	13.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	36.89	21.45	15.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	36.89	19.91	16.98	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	36.89	24.42	12.47	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	36.89	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-6 (cont)											
07/28/93	36.89	23.03	13.86	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	36.57	21.72	14.85	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	36.57	23.57	13.00	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	36.57	23.13	13.44	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94 ²	36.57	21.69	14.88	--	<2,500	<25	<25	<25	<25	--	--
11/09/94 ⁵	36.57	--	--	--	<50	<0.5	0.5	<0.5	<0.5	--	--
12/14/94	36.57	23.58	12.99	--	<50	0.9	1.5	1.3	2.6	--	--
03/30/95	36.57	25.80	10.77	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	36.57	23.95	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	36.57	22.92	13.65	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	36.57	22.89	13.68	--	140 ⁸	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	36.57	25.84	10.73	--	<50	<0.5	0.6	<0.5	<0.5	<5.0	--
06/21/96	36.57	24.16	12.41	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	36.57	23.10	13.47	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	36.57	25.57	11.00	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	36.57	24.51	12.06	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
NOT MONITORED/SAMPLED											
C-7											
12/08/89	--	--	--	--	1,700	32	12	17	150	--	--
09/07/90	32.75	19.73	13.02	--	880	84	23	46	180	--	--
12/20/90	32.75	20.47	12.28	--	560	24	3.0	19	21	--	--
03/06/91	32.75	15.83	16.92	--	240	25	2.0	4.0	26	--	--
06/28/91	32.75	21.44	11.31	--	2,400	130	13	82	220	--	--
09/26/91	32.75	20.47	12.28	--	8,100	47	35	350	1,200	--	--
01/27/92	32.75	21.32	11.43	--	12,000	170	40	420	830	--	--
04/20/92	32.75	23.47	9.28	--	1,200	80	11	90	110	--	--
07/17/92	32.75	21.26	11.49	--	2,400	20	7.4	95	200	--	--
10/29/92	32.75	19.70	13.05	--	69	1.3	<0.5	3.8	7.2	--	--
01/20/93	32.75	24.06	8.69	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	32.75	24.07	8.68	--	2,400	29	8.6	140	210	--	--
07/28/93	32.75	22.76	9.99	--	3,600	38	16	290	920	--	--

Table I
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-7 (cont)											
10/27/93	32.32	21.60	10.72	--	22,000	23	26	990	2,600	--	--
03/31/94	32.32	23.21	9.11	--	2,300	45	7.0	130	190	--	--
06/08/94	32.32	23.10	9.22	--	6,900	46	11	380	820	--	--
09/29/94	32.32	21.00	11.32	--	11,000	10	11	620	810	--	--
11/09/94 ⁵	32.32	--	--	--	7,800	33	18	570	1,100	--	--
12/14/94	32.32	23.33	8.99	--	7,700	63	16	140	1,200	--	--
03/30/95	32.32	25.04	7.28	--	4,100	64	18	170	280	--	--
06/30/95	32.32	23.25	9.07	--	1,200	31	3.7	21	18	--	--
09/22/95	32.32	22.27	10.05	--	1,800	64	5.7	30	38	--	--
12/11/95	32.32	23.02	9.30	--	14,000	80	6.1	91	120	70	--
03/08/96	32.32	24.99	7.33	--	2,300	57	8.4	110	180	37	--
06/21/96	32.32	23.47	8.85	--	1,100	37	3.2	21	29	9.0	--
09/27/96	32.32	23.21	9.11	--	10,000	150	30	270	670	45	--
01/03/97	32.32	24.83	7.49	--	1,800	35	<0.5	34	72	15	--
03/28/97	32.32	23.75	8.57	--	2,200	38	4.1	31	56	19	--
09/30/97	32.32	MONITORED ANNUALLY		--	--	--	--	--	--	--	--
03/28/98	32.32	24.98	7.34	--	2,100 ⁸	28	7.8	70	170	<25	--
03/19/99	32.32	24.61	7.71	--	5,300	63	24	280	370	67 ¹⁰	--
03/21/00	32.32	24.57	7.75	--	2,830	19.5	5.14	116	206	11.7	--
08/28/00	32.32	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
03/02/01	32.32	24.06	8.26	0.00	7,620 ¹¹	54.7	<25.0	522	945	<250	--
09/04/01	32.32	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
03/21/02	32.32	24.10	8.22	0.00	9,300	31	8.4	460	850	<20	--
C-8											
12/08/89	--	--	--	--	4,800	62	11	95	180	--	--
09/07/90	33.82	19.50	14.32	--	3,700	170	31	180	270	--	--
12/20/90	33.82	19.61	14.20	--	3,900	120	20	130	180	--	--
03/06/91	33.82	19.02	14.80	--	1,200	45	6.0	34	57	--	--
06/28/91	33.82	21.17	12.65	--	6,900	180	46	340	640	--	--
09/26/91	33.82	19.53	14.29	--	1,400	66	9.8	38	40	--	--
01/27/92	33.82	21.22	12.60	--	3,600	100	26	170	260	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-8 (cont)											
04/20/92	33.82	23.46	10.36	--	2,600	110	32	180	260	--	--
07/17/92	33.82	20.94	12.88	--	1,100	34	5.9	35	52	--	--
10/29/92	33.82	19.43	14.39	--	820	29	4.8	23	27	--	--
01/20/93	33.82	23.80	10.02	--	6,000	81	22	200	310	--	--
05/03/93	33.82	24.07	9.75	--	11,000	75	96	880	2,600	--	--
07/28/93	33.82	22.68	11.14	--	2,800	60	13	92	150	--	--
10/27/93	33.25	21.24	12.01	--	2,700	49	17	60	90	--	--
03/31/94	33.25	22.98	10.27	--	190	8.6	1.7	9.1	11	--	--
06/08/94	33.25	22.69	10.56	--	2,800	52	110	78	110	--	--
09/29/94	33.25	20.83	12.42	--	3,700	120	20	120	85	--	--
11/09/94 ⁵	33.25	--	--	--	3,200	82	44	160	110	--	--
12/14/94	33.25	22.74	10.51	--	5,300	140	30	170	310	--	--
03/30/95	33.25	24.81	8.44	--	3,900	86	19	180	210	--	--
06/30/95	33.25	23.11	10.14	--	1,500	75	21	72	72	--	--
09/22/95	33.25	22.05	11.20	--	3,400	94	24	110	110	--	--
12/11/95	33.25	22.26	10.99	--	7,500	100	<0.5	160	120	130	--
03/08/96	33.25	24.79	8.46	--	3,600	93	8.9	110	88	82	--
06/21/96	33.25	23.28	9.97	--	3,200	69	6.8	100	88	19	--
09/27/96	33.25	22.47	10.78	--	7,000	98	12	150	130	53	--
01/03/97	33.25	24.43	8.82	--	5,700	43	9.3	110	95	17	--
03/28/97	33.25	23.60	9.65	--	4,900	52	4.7	70	47	50	--
09/30/97	33.25	MONITORED ANNUALLY		--	--	--	--	--	--	--	--
03/28/98	33.25	24.78	8.47	--	3,300 ⁸	33	4.2	110	61	<25	--
03/19/99	33.25	24.34	8.91	--	2,600	34	16	34	19	76 ¹⁰	--
03/21/00	33.25	24.43	8.82	--	4,300	8.45	42.3	61.1	20.3	33.8	--
08/28/00	33.25	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
03/02/01	33.25	23.75	9.50	0.00	2,980 ¹¹	37.4	4.12	22.3	11.3	40.4	--
09/04/01	33.25	MONITORED/SAMPLED ANNUALLY		--	--	--	--	--	--	--	--
03/21/02	33.25	23.86	9.39	0.00	3,500	<20	2.0	15	8.3	<10	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (%)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-9											
09/07/90	33.43	19.37	14.06	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	33.43	19.40	14.03	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	33.43	21.31	12.12	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	33.43	21.02	12.41	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	33.43	19.41	14.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	33.43	20.90	12.53	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	33.43	23.21	10.22	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	33.43	20.79	12.64	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	33.43	19.23	14.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	33.43	23.71	9.72	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	33.43	23.66	9.55	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	33.43	22.45	10.98	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	32.97	20.99	11.98	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	32.97	22.80	10.17	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	32.97	22.44	10.53	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94 ²	32.97	20.57	12.40	--	<5,000	<50	<50	<50	<50	--	--
11/09/94 ⁵	32.97	--	--	--	<50	<0.5	<0.5	<0.5	0.7	--	--
12/14/94	32.97	22.48	10.49	--	69	1.1	2.2	3.4	7.8	--	--
03/30/95	32.97	24.77	8.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	32.97	23.00	9.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	32.97	21.90	11.07	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	32.97	21.89	11.08	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	32.97	24.77	8.20	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	32.97	23.16	9.81	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	32.97	22.06	10.91	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	32.97	24.30	8.67	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	32.97	23.50	9.47	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	32.97	21.36	11.61	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	32.97	24.71	8.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	32.97	22.73	10.24	--	<50	5.7	1.4	1.4	1.8	4.9	--
03/19/99	32.97	24.27	8.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	32.97	22.00	10.97	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	32.97	24.38	8.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-9 (cont)											
08/28/00	32.97	22.02	10.95	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	32.97	23.57	9.40	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	32.97	21.66	11.31	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	32.97	23.72	9.25	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
C-10											
09/07/90	31.63	19.14	12.49	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.63	19.27	12.36	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.63	21.18	10.45	--	<50	<0.5	0.8	<0.5	0.8	--	--
06/28/91	31.63	20.69	10.74	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.63	19.21	12.42	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.63	20.79	10.84	--	<50	<0.5	1.3	<0.5	<0.5	--	--
01/27/92 (D)	31.63	--	--	--	<50	<0.5	1.3	<0.5	<0.5	--	--
04/20/92	31.63	23.06	8.55	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.63	20.61	11.02	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.63	19.23	12.40	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.63	23.49	8.14	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.63	23.71	7.92	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.63	22.27	9.36	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.16	20.86	10.30	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.16	22.71	8.45	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.16	22.31	8.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94 ²	31.16	20.46	10.70	--	<5,000	<50	<50	<50	<50	--	--
11/09/94 ⁵	31.16	--	--	--	<50	<0.5	1.4	0.8	1.2	--	--
12/14/94	31.16	22.55	8.61	--	110	3.9	5.4	4.3	11	--	--
03/30/95	31.16	24.51	6.65	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.16	22.86	8.30	--	<50	1.5	1.5	<0.5	2.2	--	--
09/22/95	31.16	21.75	9.41	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.16	21.89	9.27	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	31.16	24.53	6.63	--	<50	<0.5	<0.5	<0.5	0.5	<5.0	--
06/21/96	31.16	23.04	8.12	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.16	21.95	9.21	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>mst</i>)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	TPH-G (<i>ppb</i>)	B (<i>ppb</i>)	T (<i>ppb</i>)	E (<i>ppb</i>)	X (<i>ppb</i>)	MTBE (<i>ppb</i>)	HVOCs (<i>ppb</i>)
C-10 (cont)											
01/03/97	31.16	23.84	7.32	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.16	23.34	7.82	--	<50	1.2	1.8	<0.5	0.8	<5.0	--
09/30/97	31.16	21.34	9.82	--	<250 ⁹	<2.5	<2.5	<2.5	<2.5	<2.5	--
03/28/98	31.16	24.60	6.56	--	<50	<0.5	0.52	<0.5	<0.5	<2.5	--
09/08/98	31.16	22.65	8.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.16	24.00	7.16	--	<50	<0.5	<0.5	<0.5	<0.5	9.2 ¹⁰	--
09/21/99	31.16	21.87	9.29	--	<50	<0.5	<0.5	<0.5	<0.5	6.38	--
03/21/00	31.16	24.54	6.62	--	<50	<0.5	<0.5	<0.5	<0.5	10.6	--
08/28/00	31.16	21.86	9.30	0.00	<50	<0.50	<0.50	<0.50	<0.50	7.7	--
03/02/01	31.16	23.41	7.75	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	31.16	21.54	9.62	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	31.16	23.56	7.60	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
C-11											
09/07/90	31.58	19.36	12.22	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	31.58	19.50	12.08	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	31.58	15.43	16.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	31.58	21.06	10.52	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	31.58	19.38	12.20	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	31.58	20.85	10.73	--	<50	<0.5	0.8	<0.5	<0.5	--	--
04/20/92	31.58	23.02	8.56	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	31.58	20.80	10.78	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	31.58	19.51	12.07	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	31.58	21.61	7.97	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	31.58	23.63	7.95	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
07/28/93	31.58	22.27	9.31	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	31.23	21.06	10.17	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	31.23	22.80	8.43	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	31.23	22.47	8.76	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/29/94	31.23	20.69	10.54	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	<50	<0.5	0.6	<0.5	0.7	--	--
12/14/94	31.23	22.73	8.50	--	51	1.1	1.7	1.6	4.0	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 28, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet

GWE = Groundwater Elevation
(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

HVOCs = Halogenated Volatile Organic Compounds

(ppb) = Parts per billion

(D) = Duplicate

ND = Not Detected

-- = Not Measured/Not Analyzed

QA = Quality Assurance

¹ Depth to water measured from top of well vault.

² Detection limit raised due to foaming sample.

³ Other HVOCs were not detected at detection limits of 0.5-1.0 ppb.

⁴ Chloroform detected at <0.5 ppb.

⁵ All site monitoring wells were re-sampled due to an excessive number of foaming samples on the 09/29/94 event.

⁶ Chloroform detected at 1.8 ppb.

⁷ Laboratory report indicates uncategorized compounds are not included in gas concentration.

⁸ Chromatogram pattern indicates an unidentified hydrocarbon.

⁹ Laboratory report indicates sample diluted due to foaming.

¹⁰ MTBE value was reported from a re-analyzation on 04/01/99.

¹¹ Laboratory report indicates weathered gasoline C6-C12.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
C-1 03/19/99	<2,500	<500	270	<10	<10	<10
C-2 03/19/99	<2,500	<500	330	<10	<10	<10
C-3 03/19/99	<500	<100	8.0	<2.0	<2.0	<2.0
C-7 03/19/99	<500	<100	<2.0	<2.0	<2.0	<2.0
C-8 03/19/99	<500	<100	10	<2.0	<2.0	<2.0
C-10 03/19/99	<500	<100	6.7	<2.0	<2.0	<2.0

EXPLANATIONS:

Groundwater laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

(ppb) = Parts per billion

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
C-11 (cont)											
03/30/95	31.23	24.38	6.85	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	31.23	22.89	8.34	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	31.23	21.93	9.30	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	31.23	22.22	9.01	--	<50	<0.5	<0.5	<0.5	1.1	1.1	--
03/08/96	31.23	24.33	6.90	--	<50	<0.5	0.6	<0.5	1.6	<5.0	--
06/21/96	31.23	23.13	8.10	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	31.23	22.16	9.07	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	31.23	24.10	7.13	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	31.23	21.40	9.83	--	120	12	20	2.3	14	<5.0	--
09/30/97	31.23	21.56	9.67	--	<50	0.7	0.8	<0.5	0.6	<5.0	--
03/28/98	31.23	24.40	6.83	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	31.23	22.72	8.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	31.23	24.06	7.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	31.23	22.02	9.21	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	31.23	24.13	7.10	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	31.23	22.04	9.19	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	31.23	23.34	7.89	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	31.23	21.78	9.45	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/21/02	31.23	23.66	7.57	0.00	<250	<1.0	<1.0	<1.0	<3.0	<2.5	--
TRIP BLANK											
09/07/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/20/90	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/06/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/28/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/26/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/27/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/20/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/29/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/20/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/03/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-0504
15900 Hesperian Boulevard
San Lorenzo, California

WELL ID/ DATE	TOC (<i>µ</i> L)	GWE (msl)	DTW (<i>ft.</i>)	SPHT (<i>ft.</i>)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	HVOCs (ppb)
TRIP BLANK (cont)											
07/28/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
10/27/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
03/31/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/08/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/09/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/14/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
03/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
06/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
09/22/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/11/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/08/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
06/21/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/27/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
01/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
09/30/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/08/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
03/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
09/21/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/21/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/28/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
03/02/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	--
09/04/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
QA											
03/21/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using Chevron-designated disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

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

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

CHEVRON
Facility # 9-0504
Address: 15900 Hesperian Blvd.
City: San Lorenzo, CA

Job#: 385259
Date: 3-21-02
Sampler: FB

Well ID C-1

Well Condition: OK

Well Diameter 3 in.

Hydrocarbon Thickness: ∅ (feet) Amount Bailed (product/water): ∅ (Gallons)

Total Depth 18.20 ft.

Depth to Water 8.62 ft.

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

9.58 x VF .38 = 3.64 x 3 (case volume) = Estimated Purge Volume: 11 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1122
Sampling Time: 1153
Purging Flow Rate: _____ gpm.
Did well de-water? NO

Weather Conditions: cloudy
Water Color: Cloudy Odor: NO
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1129</u>	<u>3.5</u>	<u>7.86</u>	<u>150</u>	<u>19.9</u>			
<u>1136</u>	<u>7.0</u>	<u>7.44</u>	<u>131</u>	<u>19.9</u>			
<u>1144</u>	<u>11.0</u>	<u>7.31</u>	<u>94</u>	<u>20.0</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPHIG)/bTEX/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

CHEVRON
Facility # 9-0504
Address: 15900 Hesperian Blvd.
City: San Lorenzo CA

Job#: 385259
Date: 3-21-02
Sampler: FB

Well ID C-2

Well Condition: OK

Well Diameter 3 in.

Hydrocarbon Thickness: ∅ (feet) Amount Bailed (product/water): ∅ (Gallons)

Total Depth 17.60 ft.

Depth to Water 8.71 ft.

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

6.89 x VF 0.38 = 3.37 x 3 (case volume) = Estimated Purge Volume: 10 gal.

Purge Equipment: Disposable Bailer
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: Disposable Bailer
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 1037
 Sampling Time: 1106
 Purging Flow Rate: _____ gpm.
 Did well de-water? NO

Weather Conditions: cloudy
 Water Color: clear Opor: slight
 Sediment Description: _____
 If yes; Time: _____ Volume: _____ gal.

Time	Volume (gal.)	pH	Conductivity μ hos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1044</u>	<u>3.5</u>	<u>8.30</u>	<u>97</u>	<u>19.6</u>			
<u>1054</u>	<u>2.0</u>	<u>8.31</u>	<u>90</u>	<u>19.7</u>			
<u>1057</u>	<u>10.0</u>	<u>8.34</u>	<u>89</u>	<u>19.7</u>			

LABORATORY INFORMATION

SAMPLE ID	(#): CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/nex/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

CHEVRON

Facility # 9-0504

Job#: 385259

Address: 15900 Hesperian Blvd.

Date: 3-21-02

City: San Lorenzo, CA

Sampler: FB

Well ID C-3

Well Condition: OK

Well Diameter 3 in.

Hydrocarbon Thickness: ∅ (feet) Amount Bailed ∅ (Gallons)

Total Depth 19.08 ft.

Depth to Water 10.72 ft.

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

8.36 X VF 0.38 = 3.17 X 3 (case volume) = Estimated Purge Volume: 9.5 (gal.)

Purge Equipment: Disposable Bailer
 Bailer
 Stack
 Suction
 Grundfos
 Other: _____

Sampling Equipment: Disposable Bailer
 Bailer
 Pressure Bailer
 Grab Sample
 Other: _____

Starting Time: 0949
 Sampling Time: 1014
 Purging Flow Rate: _____ gpm.
 Did well de-water? NO

Weather Conditions: cloudy
 Water Color: clear Odor: NO
 Sediment Description: _____
 If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ hos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>0955</u>	<u>3</u>	<u>7.80</u>	<u>438</u>	<u>19.8</u>			
<u>1001</u>	<u>6</u>	<u>7.82</u>	<u>430</u>	<u>19.9</u>			
<u>1006</u>	<u>9.5</u>	<u>7.79</u>	<u>430</u>	<u>19.9</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(GI)/bTEX/mtbe</u>

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

CHEVRON
Facility # 9-0504
Address: 15900 Hesperian Blvd.
City: San Lorenzo, CA

Job#: 385259
Date: 3-21-02
Sampler: FB

Well ID: C-7
Well Diameter: 2 in.
Total Depth: 24.56 ft.
Depth to Water: 8.22 ft.

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

16.34 X VF 1.7 = 27.7 X 3 (case volume) = Estimated Purge Volume: 8.5 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 0811
Sampling Time: 0836
Purging Flow Rate: _____ gpm.
Did well de-water? NO

Weather Conditions: cloudy
Water Color: clear Odor: YES
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>0817</u>	<u>3</u>	<u>7.47</u>	<u>405</u>	<u>18.0</u>			
<u>0823</u>	<u>6</u>	<u>7.31</u>	<u>347</u>	<u>18.2</u>			
<u>0828</u>	<u>8.5</u>	<u>7.30</u>	<u>336</u>	<u>18.2</u>			

LABORATORY INFORMATION

SAMPLE ID	(#): CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/btex/mtbe</u>

COMMENTS: COC SAYS WELL IS 3", WELL IS 2"

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

CHEVRON
Facility # 9-0504
Address: 15900 Hesperian Blvd.
City: San Lorenzo, CA

Job#: 385259
Date: 3-21-02
Sampler: FB

Well ID: C-8
Well Diameter: 2 in.
Total Depth: 24.55 ft.
Depth to Water: 9.39 ft.

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

15.16 X VF ~~1.38~~^{1.7} = 2.57 X 3 (case volume) = Estimated Purge Volume: 8 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: ~~0858~~ 0904
Sampling Time: 0930
Purging Flow Rate: _____ gpm.
Did well de-water? NO

Weather Conditions: cloudy
Water Color: clear Odor: slight
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>0910</u>	<u>3</u>	<u>7.57</u>	<u>404</u>	<u>19.3</u>			
<u>0916</u>	<u>6</u>	<u>7.40</u>	<u>378</u>	<u>19.4</u>			
<u>0926</u>	<u>8</u>	<u>7.31</u>	<u>340</u>	<u>19.3</u>			

LABORATORY INFORMATION

SAMPLE ID	(#): CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-8</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/bTEX/mtbe</u>

COMMENTS: COC SAYS WELL IS 3" IS 2"

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

CHEVRON
Facility # 9-0504
Address: 15900 Hesperian Blvd.
City: San Lorenzo, CA

Job#: 385259
Date: 3-21-02
Sampler: FB

Well ID: C-9
Well Diameter: 230 in.
Total Depth: 24.35 ft.
Depth to Water: 9.25 ft.

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

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

15.10 x VF 1.17-2.56 x 3 (case volume) = Estimated Purge Volume: 7.5 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1209
Sampling Time: 1237
Purging Flow Rate: _____ gpm.
Did well de-water? NO

Weather Conditions: cloudy
Water Color: clear Odor: NO
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1214</u>	<u>2.5</u>	<u>8.12</u>	<u>143</u>	<u>19.1</u>			
<u>1219</u>	<u>5.0</u>	<u>8.02</u>	<u>141</u>	<u>19.1</u>			
<u>1224</u>	<u>7.5</u>	<u>8.02</u>	<u>132</u>	<u>19.0</u>			

LABORATORY INFORMATION

SAMPLE ID	(#): CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-9</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/bTEX/mtbe</u>

COMMENTS: COC SAYS 3" WELL, IS 2"

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

CHEVRON
Facility # 9-0504
Address: 15900 Hesperian Blvd.
City: San Lorenzo, CA

Job#: 385259
Date: 3-21-02
Sampler: FB

Well ID C-10

Well Condition: OK

Well Diameter 8.25 in.

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

Total Depth 24.31 ft.

Depth to Water 7.60 ft.

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

16.71 x VF 1.7 = 2.84 x 3 (case volume) = Estimated Purge Volume: 8.5 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1256
Sampling Time: 1321
Purging Flow Rate: _____ gpm.
Did well de-water? NO

Weather Conditions: cloudy
Water Color: clear Odor: NO
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature $^{\circ}\text{C}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1302</u>	<u>3</u>	<u>7.63</u>	<u>382</u>	<u>20.3</u>			
<u>1308</u>	<u>6</u>	<u>7.60</u>	<u>361</u>	<u>20.2</u>			
<u>1312</u>	<u>8.5</u>	<u>7.49</u>	<u>349</u>	<u>2.3</u>			

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-10</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/bex/mtbe</u>

COMMENTS: SAYS 3" ON COC, IS 2"

**WELL MONITORING/SAMPLING
FIELD DATA SHEET.**

CHEVRON
Facility # 9-0504
Address: 15900 Hesperian Blvd.
City: San Lorenzo, CA

Job#: 385859
Date: 3-21-02
Sampler: FB

Well ID: C-11
Well Diameter: B2 in.
Total Depth: 24.35 ft.
Depth to Water: 7.57 ft.

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

16.78 x VF 1.17 = 2.85 x 3 (case volume) = Estimated Purge Volume: 8.5 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1346
Sampling Time: 1410
Purging Flow Rate: ~ gpm.
Did well de-water? NO

Weather Conditions: cloudy
Water Color: clean Odor: N/A
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

Time	Volume (gal.)	pH	Conductivity μ mhos/cm	Temperature $^{\circ}$ C	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>1352</u>	<u>3</u>	<u>7.67</u>	<u>184</u>	<u>19.5</u>			
<u>1358</u>	<u>6</u>	<u>7.62</u>	<u>170</u>	<u>19.5</u>			
<u>1403</u>	<u>8.5</u>	<u>7.60</u>	<u>168</u>	<u>19.6</u>			

LABORATORY INFORMATION

SAMPLE ID	(#): CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-11</u>	<u>3 X VOA VIAL</u>	<u>Y</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH(G)/bTEX/mtbe</u>

COMMENTS: COC SAYS 3" WELL, IS 2"

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Acct. #: 10905 Sample #: 3793443-51 SCR#: _____

220302-008

Facility #: 9-0504 Job #385259 Global ID #ET0600100302
 Site Address: 15900 HESPERIAN BLVD., SAN LORENZO, CA
 Chevron PM: Tom Bauhs Lead Consultant: Delta/G-R
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Dublin, Ca 94568
 Consultant Prj. Mgr.: Deanna L. Harding (Deanna@grine.com)
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: F. Bohnet
 Service Order #: _____ Non SAR: _____

Analyses Requested

Preservation Codes		Preservative Codes	
<input checked="" type="checkbox"/> H	<input checked="" type="checkbox"/> H	H = HCl	T = Thiosulfate
		N = HNO ₃	B = NaOH
		S = H ₂ SO ₄	O = Other
<input type="checkbox"/> J value reporting needed <input type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy s on highest hit <input type="checkbox"/> Run ___ oxy s on all hits			

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Lead 7420	7421
QA	3/21/02								2	X	X					
C-1		1153	X		X	X			3	X	X					
C-2		1106	X		X	X			3	X	X					
C-3		1014	X		X	X			3	X	X					
C-7		0836	X		X	X			3	X	X					
C-8		0930	X		X	X			3	X	X					
C-9		1237	X		X	X			3	X	X					
C-10		1321	X		X	X			3	X	X					
C-11		1410	X		X	X			3	X	X					

Turnaround Time Requested (TAT) (please circle)

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

Data Package Options (please circle if required)

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

Relinquished by: <u>Frankfurt Bohnet</u>	Date: <u>3/21/02</u>	Time: <u>1430</u>	Received by: <u>[Signature]</u>	Date: <u>3/22/02</u>	Time: <u>1142</u>
Relinquished by: <u>[Signature]</u>	Date: <u>3/22/02</u>	Time: <u>1310</u>	Received by: <u>Ames Amaya</u>	Date: <u>3-22-02</u>	Time: <u>1310</u>
Relinquished by: <u>Ames Amaya</u>	Date: <u>3-22-02</u>	Time: <u>1500</u>	Received by: <u>Airborne</u>	Date: <u>3-22-02</u>	Time: _____
Relinquished by Commercial Carrier: <u>Airborne</u>	UPS FedEx Other	Temperature Upon Receipt: <u>15 C°</u>	Received by: <u>[Signature]</u>	Date: <u>3/22/02</u>	Time: <u>0920</u>
			Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		



ANALYTICAL RESULTS

Prepared for:

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904
925-842-8582

RECEIVED

APR 08 2002

GETTLER-RYAN INC.
GENERAL CONTRACTOR

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 801379. Samples arrived at the laboratory on Saturday, March 23, 2002. The PO# for this group is 99011184 and the release number is BAUHS.

<u>Client Description</u>		<u>Lancaster Labs Number</u>
QA-T-020321	NA Water	3793443
C-1-W-020321	Grab Water	3793444
C-2-W-020321	Grab Water	3793445
C-3-W-020321	Grab Water	3793446
C-7-W-020321	Grab Water	3793447
C-8-W-020321	Grab Water	3793448
C-9-W-020321	Grab Water	3793449
C-10-W-020321	Grab Water	3793450
C-11-W-020321	Grab Water	3793451

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the laboratory chronicles.

1 COPY TO

Delta C/O Gettler-Ryan

Attn: Deanna L. Harding





Lancaster Laboratories

Where quality is a science
Questions? Contact your Client Services Representative
Teresa M Lis at (717) 656-2300.

Respectfully Submitted,

Steven A. Skiles
Steven A. Skiles
Sr. Chemist



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



Lancaster Laboratories Sample No. WW 3793443

Collected: 03/21/2002 00:00

Account Number: 10905

Submitted: 03/23/2002 09:20

Chevron Products Company

Reported: 04/04/2002 at 14:16

6001 Bollinger Canyon Road

Discard: 05/05/2002

Building L PO Box 6004

QA-T-020321

NA

Water

San Ramon CA 94583-0904

Facility# 90504 Job# 385259

GRD

15900 Hesperian-San Loren T0600100302 QA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/25/2002 15:31	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/25/2002 15:31	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/25/2002 15:31	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



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



Lancaster Laboratories Sample No. WW 3793444

Collected: 03/21/2002 11:53 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Reported: 04/04/2002 at 14:16

Discard: 05/05/2002

C-1-W-020321

Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Loren T0600100302 C-1

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

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	03/25/2002 21:15	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/25/2002 21:15	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/25/2002 21:15	Melissa D Mann	n.a.

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



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



Lancaster Laboratories Sample No. WW 3793445

Collected: 03/21/2002 11:06 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Chevron Products Company

Reported: 04/04/2002 at 14:16

6001 Bollinger Canyon Road

Discard: 05/05/2002

Building L PO Box 6004

C-2-W-020321

Grab Water

San Ramon CA 94583-0904

Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Loren T0600100302 C-2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	4.5	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/25/2002 22:58	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/25/2002 22:58	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/25/2002 22:58	Melissa D Mann	n.a.

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



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



Lancaster Laboratories Sample No. WW 3793446

Collected: 03/21/2002 10:16 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20
 Reported: 04/04/2002 at 14:16
 Discard: 05/05/2002

Chevron Products Company
 6001 Bollinger Canyon Road
 Building L PO Box 6004
 San Ramon CA 94583-0904

C-3-W-020321 Grab Water

Facility# 90504 Job# 385259 GRD
 15900 Hesperian-San Loren T0600100302 C-3

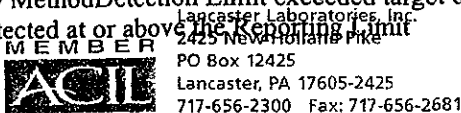
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/25/2002 21:50	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/25/2002 21:50	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/25/2002 21:50	Melissa D Mann	n.a.

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





Lancaster Laboratories Sample No. WW 3793447

Collected: 03/21/2002 08:36 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Chevron Products Company

Reported: 04/04/2002 at 14:16

6001 Bollinger Canyon Road

Discard: 05/05/2002

Building L PO Box 6004

C-7-W-020321

Grab

Water

San Ramon CA 94583-0904

Facility# 90504 Job# 385259

GRD

15900 Hesperian-San Loren T0600100302 C-7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	9,300.	250.	ug/l	5
	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. Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	31.	1.0	ug/l	5
00777	Toluene	108-88-3	8.4	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	460.	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	850.	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	20.	ug/l	5

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

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

MTBE

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
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#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 3793447

Collected: 03/21/2002 08:36 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Reported: 04/04/2002 at 14:16

Discard: 05/05/2002

C-7-W-020321

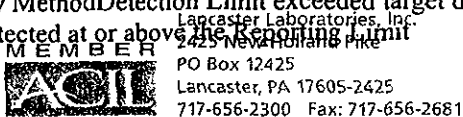
Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Loren T0600100302 C-7

01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/26/2002 00:41	Linda C Pape	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/26/2002 00:41	Linda C Pape	5
01146	GC VOA Water Prep	SW-846 5030B	1	03/26/2002 00:41	Linda C Pape	n.a.

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





Lancaster Laboratories Sample No. WW 3793448

Collected: 03/21/2002 09:30 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Chevron Products Company

Reported: 04/04/2002 at 14:16

6001 Bollinger Canyon Road

Discard: 05/05/2002

Building L PO Box 6004

C-8-W-020321

Grab Water

San Ramon CA 94583-0904

Facility# 90504 Job# 385259 GRD
 15900 Hesperian-San Loren T0600100302 C-8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	3,500.	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.					
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
	Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D. #	20.	ug/l	1
00777	Toluene	108-88-3	2.0	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	15.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	8.3	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D. #	10.	ug/l	1

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

Due to the presence of interferents near their retention time, normal reporting limits were not attained for the compounds listed below. The presence or concentration of these compounds cannot be determined below the reporting limits due to the presence of these interferents.
 MTBE and benzene

Due to the nature of the sample matrix, the surrogate standard recovery is above the range of specifications.

State of California Lab Certification No. 2116

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit

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MEMBER



Lancaster Laboratories Sample No. WW 3793448

Collected: 03/21/2002 09:30 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Chevron Products Company

Reported: 04/04/2002 at 14:16

6001 Bollinger Canyon Road

Discard: 05/05/2002

Building L PO Box 6004

C-8-W-020321

Grab

Water

San Ramon CA 94583-0904

Facility# 90504 Job# 385259

GRD

15900 Hesperian-San Loren T0600100302 C-8

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/25/2002 23:33		Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/25/2002 23:33		Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/25/2002 23:33		Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



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Lancaster Laboratories Sample No. WW 3793449

Collected: 03/21/2002 12:37 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Chevron Products Company

Reported: 04/04/2002 at 14:16

6001 Bollinger Canyon Road

Discard: 05/05/2002

Building L PO Box 6004

C-9-W-020321

Grab

Water

San Ramon CA 94583-0904

Facility# 90504 Job# 385259

GRD

15900 Hesperian-San Loren T0600100302 C-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
	Site-specific MS/MSD samples were not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
	A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/25/2002 22:24	Melissa D Mann	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/25/2002 22:24	Melissa D Mann	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/25/2002 22:24	Melissa D Mann	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



Lancaster Laboratories, Inc.
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Lancaster Laboratories Sample No. WW 3793450

Collected: 03/21/2002 13:21 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Reported: 04/04/2002 at 14:16

Discard: 05/05/2002

C-10-W-020321

Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Loren T0600100302 C-10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D.	0.50	ug/l	1
00777	Toluene	108-88-3	N.D.	0.50	ug/l	1
00778	Ethylbenzene	100-41-4	N.D.	0.50	ug/l	1
00779	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	1
A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01729	TPH-GRO - Waters	N. CA LUFT Gasoline	1	03/26/2002 21:32	John B Kiser	1
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/26/2002 21:32	John B Kiser	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/26/2002 21:32	John B Kiser	n.a.

#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



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Lancaster Laboratories Sample No. WW 3793451

Collected: 03/21/2002 14:10 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Chevron Products Company

Reported: 04/04/2002 at 14:16

6001 Bollinger Canyon Road

Discard: 05/05/2002

Building L PO Box 6004

C-11-W-020321

Grab

Water

San Ramon CA 94583-0904

Facility# 90504 Job# 385259

GRD

15900 Hesperian-San Loren T0600100302 C-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01729	TPH-GRO - Waters					
01730	TPH-GRO - Waters	n.a.	N.D. #	250.	ug/l	5
<p>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.</p> <p>A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p> <p>Due to excessive foaming of the sample, normal reporting limits were not attained.</p>						
08214	BTEX, MTBE (8021)					
00776	Benzene	71-43-2	N.D. #	1.0	ug/l	5
00777	Toluene	108-88-3	N.D. #	1.0	ug/l	5
00778	Ethylbenzene	100-41-4	N.D. #	1.0	ug/l	5
00779	Total Xylenes	1330-20-7	N.D. #	3.0	ug/l	5
00780	Methyl tert-Butyl Ether	1634-04-4	N.D.	2.5	ug/l	5
<p>A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.</p> <p>Due to excessive foaming of the sample, normal reporting limits were not attained.</p>						

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
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#=Laboratory Method Detection Limit exceeded target detection limit

N.D.=Not detected at or above the Reporting Limit



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Lancaster Laboratories Sample No. WW 3793451

Collected: 03/21/2002 14:10 by FB

Account Number: 10905

Submitted: 03/23/2002 09:20

Reported: 04/04/2002 at 14:16

Discard: 05/05/2002

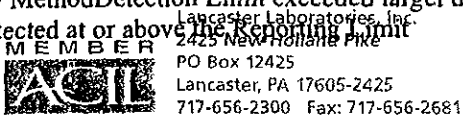
C-11-W-020321 Grab Water

Chevron Products Company
6001 Bollinger Canyon Road
Building L PO Box 6004
San Ramon CA 94583-0904

Facility# 90504 Job# 385259 GRD
15900 Hesperian-San Loren T0600100302 C-11

01729	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	03/27/2002 06:37	Linda C Pape	5
08214	BTEX, MTBE (8021)	SW-846 8021B	1	03/27/2002 06:37	Linda C Pape	5
01146	GC VOA Water Prep	SW-846 5030B	1	03/27/2002 06:37	Linda C Pape	n.a.

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





Client Name: Chevron Products Company
 Reported: 04/04/02 at 02:16 PM

Group Number: 801379

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCS/LCSD %REC	Limits	RPD	RPD Max
Batch number: 02084A53A		Sample number(s): 3793443-3793449						
Benzene	N.D.	0.5	ug/l	101	103	80-118	2	30
Toluene	N.D.	0.5	ug/l	102	104	82-119	2	30
Ethylbenzene	N.D.	0.5	ug/l	102	104	81-119	2	30
Total Xylenes	N.D.	1.5	ug/l	101	102	82-120	1	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	100	106	79-127	5	30
TPH-GRO - Waters	N.D.	50.	ug/l	98	96	76-126	2	30
Batch number: 02085A16A		Sample number(s): 3793450-3793451						
Benzene	N.D.	0.5	ug/l	109	110	80-118	1	30
Toluene	N.D.	0.5	ug/l	108	109	82-119	1	30
Ethylbenzene	N.D.	0.5	ug/l	106	107	81-119	1	30
Total Xylenes	N.D.	1.5	ug/l	107	108	82-120	1	30
Methyl tert-Butyl Ether	N.D.	2.5	ug/l	100	101	79-127	1	30
TPH-GRO - Waters	N.D.	50.	ug/l	101	101	76-126	0	30

Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	BKG MAX	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 02084A53A		Sample number(s): 3793443-3793449						
Benzene	105		77-131					
Toluene	110		80-128					
Ethylbenzene	111		76-132					
Total Xylenes	109		76-132					
Methyl tert-Butyl Ether	(2)		61-144					
Batch number: 02085A16A		Sample number(s): 3793450-3793451						
Benzene	118		77-131					
Toluene	116		80-128					
Ethylbenzene	116		76-132					
Total Xylenes	116		76-132					
Methyl tert-Butyl Ether	106		61-144					
TPH-GRO - Waters	106		74-132					

Surrogate Quality Control

Analysis Name: TPH-GRO - Waters
 Batch number: 02084A53A
 Trifluorotoluene-F Trifluorotoluene-P

- *- 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.





Client Name: Chevron Products Company
Reported: 04/04/02 at 02:16 PM

Group Number: 801379

Surrogate Quality Control

3793443	97	102
3793444	95	101
3793445	97	98
3793446	101	97
3793447	116	116
3793448	258*	245*
3793449	94	100
Blank	95	99
LCS	109	103
LCSD	106	104
MS		101

Limits: 67-135 71-130

Analysis Name: TPH-GRO - Waters
Batch number: 02085A16A

	Trifluorotoluene-F	Trifluorotoluene-P
3793450	79	105
3793451	79	105
Blank	80	103
LCS	117	104
LCSD	108	104
MS	110	103

Limits: 67-135 71-130

*- Outside of specification

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

