



3164 Gold Camp Drive  
Suite 200  
Rancho Cordova, CA 95670-6021  
U.S.A  
916/638-2085  
FAX: 916/638-8385

March 12, 2001

~~Mr. Larry Seto~~ Amir  
Alameda County Health Care Service,  
Department of Environmental Health  
1153 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

Subject: *Second Semi-Annual Event of August 28, 2000,  
Groundwater Monitoring and Sampling Report*  
Chevron Service Station No. 9-0504  
15900 Hesperian Boulevard  
San Lorenzo, California  
Delta Project No. DG90-504

7:15 PM  
2830 7/14  
195 Barn  
11-2 11/11  
Not Sampled

MAR 15 2001  
Review  
3/15/01  
[Signature]

Dear Mr. Seto:

Attached for your review and comment is a letter report entitled *Second Semi-Annual Event of August 28, 2000, Groundwater Monitoring and Sampling Report* for the above referenced site. This report was prepared by Delta Environmental Consultants, Inc. and details the results of the August 2000 groundwater monitoring and sampling event.

The need for a risk-based closure document will be evaluated during the second quarter of 2001.

If you have questions or comments regarding this report, please contact me at (916) 638-2765.

Sincerely,

**DELTA ENVIRONMENTAL CONSULTANTS, INC.**

[Signature of Jim Brownell]

Jim Brownell  
Portfolio Manager

JRB (2nd Semi annual 2000 QMR-9-0504.doc)  
Enclosures

cc: w/o enclosure Will Speth – Delta Environmental Consultants, Inc.



# GETTLER-RYAN INC.

## TRANSMITTAL

November 21, 2000

G-R #385259

*5710 76*

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

CC: Mr. Thomas Bauhs  
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

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

*2/21/01  
3/15/01  
(Signature)*

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	November 15, 2000	Groundwater Monitoring and Sampling Report Second Semi-Annual Event of August 28 2000

### COMMENTS:

Enclosed are copies of the above referenced report for your review and distribution to the following:

Mr. Larry Seto, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway,  
Suite 250, Alameda, CA 94502-6577

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **December 5, 2000**, at which time the final report will be distributed to the following:

Mr. Greg Gurs, Gettler-Ryan Inc., 3164 Gold Camp Drive, Suite 240, Rancho Cordova, CA 95670  
Mr. Mike Bakaldin, Hazmat, San Leandro Fire Department, 835 East 14<sup>th</sup> 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 4<sup>th</sup> Street, Suite 500, Bellevue, WA 98004-5853

Enclosures

trans/9-3768.tb



# GETTLER - RYAN INC.

November 15, 2000  
G-R Job #385259

Mr. Thomas Bauhs  
Chevron Products Company  
P.O. Box 6004  
San Ramon, CA 94583

**RE: Second Semi-Annual Event of August 28, 2000**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0504  
15900 Hesperian Boulevard  
San Lorenzo, California

Dear Mr. Bauhs:

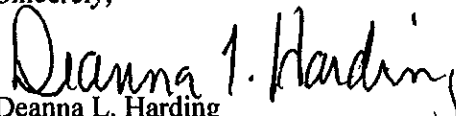
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).


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

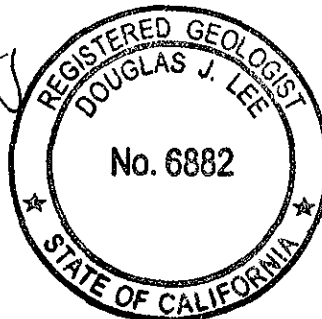
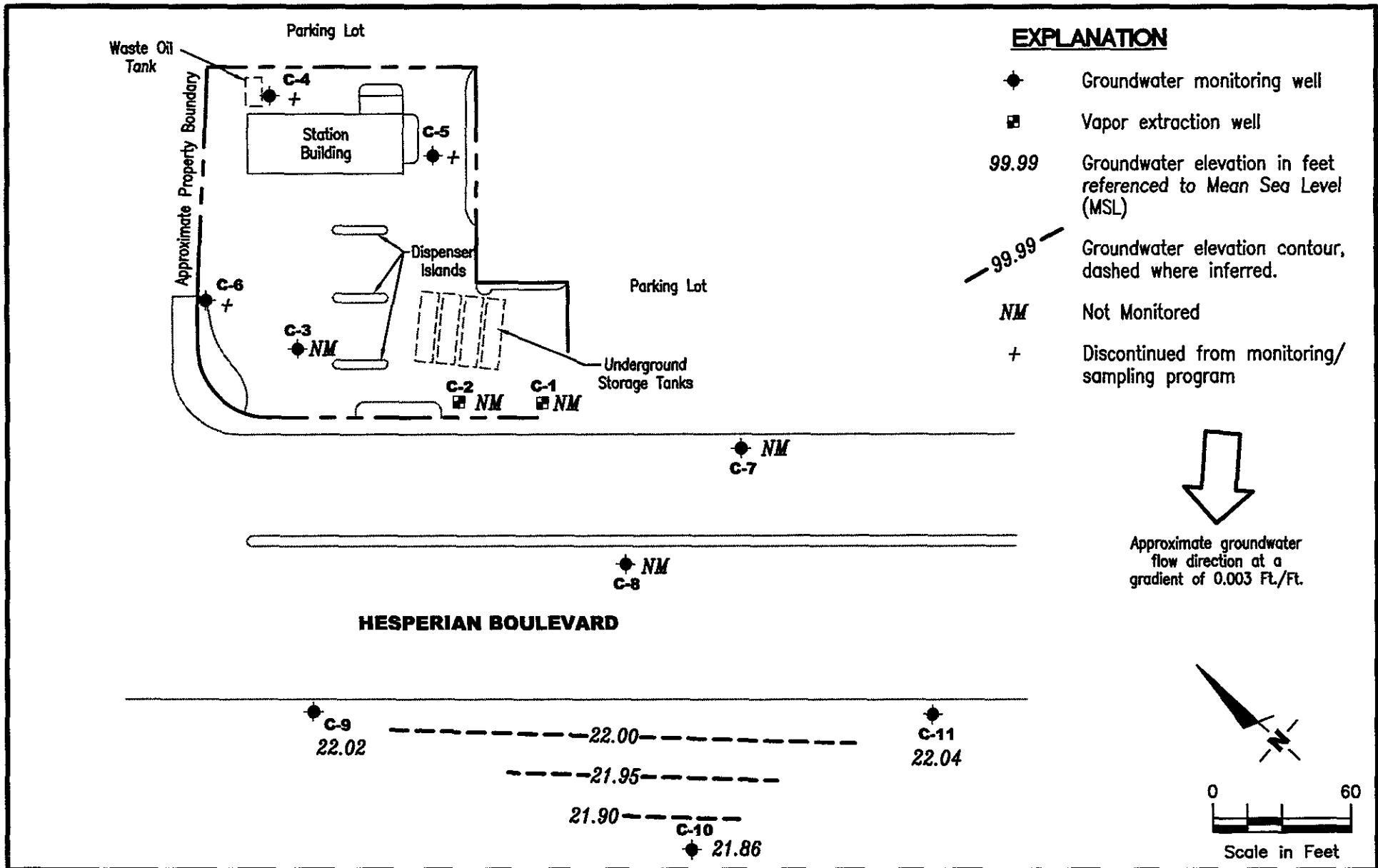


Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Groundwater Analytical Results - Oxygenate Compounds  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



**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  
August 28, 2000

REVISED DATE

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
C-1												
06/06/89	--	--	--	--	--	5100	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	1900	--	--
06/28/91	33.93	21.68	12.25	--	--	3300	110	6.2	6.2	350	--	--
09/26/91	33.93	19.91	14.02	--	--	3200	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	--	--	2700	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	--	--	3900	21	7.2	190	250	--	--
06/30/95	32.80	22.98	9.82	--	--	1400	3.1	0.8	54	95	--	--
09/22/95	32.80	22.20	10.60	--	--	620**	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	--	--	2800	9.0	<0.5	94	83	1300	--
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	--	--	1800	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	--

\*\*Laboratory report indicates uncategorized compounds are not included in gasoline concentration.

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-1 (cont)</b>												
09/30/97	32.80	--	--	--	Monitored annually	--	--	--	--	--	--	--
03/28/98	32.80	25.08	7.72	--		940*	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	--	--	--	--	--	--	--	--	--	--	--
<b>C-2</b>												
06/06/89	--	--	--	--	--	130,000	14,000	28,000	3400	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	4700	16,000	13,000	140,000	--	--
06/28/91	34.21	21.66	12.55	--	--	150,000	3500	4200	2100	16,000	--	--
09/26/91	34.21	20.01	14.20	--	--	4900	220	290	130	880	--	--
01/27/92	34.21	21.75	12.46	--	--	8200	510	590	230	1300	--	--
04/20/92	34.21	23.97	10.24	--	--	19,000	1700	1700	930	4700	--	--
07/17/92	34.21	21.40	12.81	--	--	20,000	950	950	1300	4700	--	--
01/20/93	34.21	25.42	8.79	--	--	--	--	--	--	--	--	--
10/27/93	33.46	21.10	12.36	--	--	1600	63	5.8	5.9	190	--	--
03/31/94	33.46	23.84	9.62	--	--	12,000	300	96	510	2700	--	--
06/08/94	33.46	23.48	9.98	--	--	8700	140	35	250	1500	--	--
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	--	--	1400	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	--	--	2100**	66	7.3	140	550	--	--

\*Chromatogram pattern indicated an unidentified hydrocarbon.

\*\*Laboratory report indicates uncategorized compounds are not included in gasoline concentration.

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-2 (cont)</b>												
12/11/95	33.46	23.08	10.38	--	--	3700	23	<0.5	68	300	1000	--
03/08/96	33.46	25.76	7.70	--	--	2200	19	<5.0	63	290	1300	--
06/21/96	33.46	24.09	9.37	--	--	2200	23	1.1	70	260	2300	--
09/27/96	33.46	22.88	10.58	--	--	5500	12	0.6	30	110	2200	--
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	--	--	1300	12	1.5	24	86	310	--
09/30/97	33.46	--	--	--	Monitored annually	--	--	--	--	--	--	--
03/28/98	33.46	25.46	8.00	--	--	1100*	14	<5.0	34	79	710	--
03/19/99	33.46	25.01	8.45	--	--	1400	15	<0.5	56	130	460	--
03/21/00	33.46	25.37	8.09	--	--	5420	9.69	<0.5	76.5	125	168	--
08/28/00	33.46	--	--	--	--	--	--	--	--	--	--	--
<b>C-3</b>												
06/06/89	--	--	--	--	--	2600	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	35.46	--	--	--	Duplicate	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	--	--	1300	7.0	<0.5	75	250	--	--
03/06/91	35.46	--	--	--	Duplicate	1400	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	35.46	--	--	--	Duplicate	990	5.5	<0.5	86	75	--	--
09/26/91	35.46	20.14	15.32	--	--	1400	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	--	--	1600	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	--	--	4200	7.4	<0.5	140	380	--	--
05/03/93	35.46	24.49	10.97	--	--	1300	6.8	3.2	71	170	--	--

\*Chromatogram pattern indicated an unidentified hydrocarbon.

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
C-3 (cont)												
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	--	--	1800	5.5	0.7	68	290	--	--
03/31/94	35.46	23.90	11.56***	--	--	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	35.46	21.62	13.84	--	^	2500	<25	<25	<25	220	--	--
11/09/94	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	--	--
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	--	--	1500	1.9	8.1	100	300	--	--
09/22/95	35.46	22.88	12.58	--	--	600**	0.7	<0.5	43	110	--	--
12/11/95	35.46	22.91	12.55	--	--	670*	<0.5	<0.5	7.0	13	15	--
03/08/96	35.46	25.80	9.66	--	--	3600	7.5	33	130	400	1100	--
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	--	--	--	--	--	--	--	--	--	--	--

\*Chromatogram pattern indicated an unidentified hydrocarbon.

\*\*Laboratory report indicates uncategorized compounds are not included in gasoline concentration.

\*\*\*Depth to water measured from top of well vault.

^Detection limit raised due to foaming sample.

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



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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-4</b>												
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	--	--
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	35.23	21.47	13.76	--	*/^	<2500	<25	<25	<25	<25	--	ND***
11/09/94	35.23	--	--	--	**/^	<50	<0.5	<0.5	<0.5	<0.5	--	ND***
12/14/94	35.23	23.44	11.79	--	^^	<50	2.1	3.0	1.9	3.7	--	ND***
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	--
09/30/97	35.23	DISCONTINUED	--	--	--	--	--	--	--	--	--	--

\*Detection limit raised due to foaming sample.

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

^Chloroform detected at <0.5 ppb.

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

^^Chloroform detected at 1.8 ppb.

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-5</b>												
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	--	--
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***	--	--	<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	34.61	21.51	13.10	--	*	<2500	<25	<25	<25	<25	--	--
11/09/94	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	--
09/30/97	DISCONTINUED		--	--	--	--	--	--	--	--	--	--

\*Detection limit raised due to foaming sample.

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

\*\*\*Depth to water measured from top of well vault.

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
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	--	--
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	36.57	21.69	14.88	--	*	<2500	<25	<25	<25	<25	--	--
11/09/94	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***	<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	--
09/30/97	DISCONTINUED		--	--	--	--	--	--	--	--	--	--

\*Detection limit raised due to foaming sample.

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

\*\*\*Chromatogram pattern indicated an unidentified hydrocarbon.

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
C-7												
12/08/89	--	--	--	--	--	1700	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	--	--	2400	130	13	82	220	--	--
09/26/91	32.75	20.47	12.28	--	--	8100	47	35	350	1200	--	--
01/27/92	32.75	21.32	11.43	--	--	12,000	170	40	420	830	--	--
04/20/92	32.75	23.47	9.28	--	--	1200	80	11	90	110	--	--
07/17/92	32.75	21.26	11.49	--	--	2400	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	--	--	2400	29	8.6	140	210	--	--
07/28/93	32.75	22.76	9.99	--	--	3600	38	16	290	920	--	--
10/27/93	32.32	21.60	10.72	--	--	22,000	23	26	990	2600	--	--
03/31/94	32.32	23.21	9.11	--	--	2300	45	7.0	130	190	--	--
06/08/94	32.32	23.10	9.22	--	--	6900	46	11	380	820	--	--
09/29/94	32.32	21.00	11.32	--	--	11,000	10	11	620	810	--	--
11/09/94	32.32	--	--	--	**	7800	33	18	570	1100	--	--
12/14/94	32.32	23.33	8.99	--	--	7700	63	16	140	1200	--	--
03/30/95	32.32	25.04	7.28	--	--	4100	64	18	170	280	--	--
06/30/95	32.32	23.25	9.07	--	--	1200	31	3.7	21	18	--	--
09/22/95	32.32	22.27	10.05	--	--	1800	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	--	--	2300	57	8.4	110	180	37	--
06/21/96	32.32	23.47	8.85	--	--	1100	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	--	--	1800	35	<0.5	34	72	15	--
03/28/97	32.32	23.75	8.57	--	--	2200	38	4.1	31	56	19	--

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

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-7 (cont)</b>												
09/30/97	32.32	--	--	--	Monitored annually	--	--	--	--	--	--	--
03/28/98	32.32	24.98	7.34	--	--	2100*	28	7.8	70	170	<25	--
03/19/99	32.32	24.61	7.71	--	***	5300	63	24	280	370	67	--
03/21/00	32.32	24.57	7.75	--	--	2830	19.5	5.14	116	206	11.7	--
08/28/00	32.32	--	--	--	--	--	--	--	--	--	--	--
<b>C-8</b>												
12/08/89	--	--	--	--	--	4800	62	11	95	180	--	--
09/07/90	33.82	19.50	14.32	--	--	3700	170	31	180	270	--	--
12/20/90	33.82	19.61	14.20	--	--	3900	120	20	130	180	--	--
03/06/91	33.82	19.02	14.80	--	--	1200	45	6.0	34	57	--	--
06/28/91	33.82	21.17	12.65	--	--	6900	180	46	340	640	--	--
09/26/91	33.82	19.53	14.29	--	--	1400	66	9.8	38	40	--	--
01/27/92	33.82	21.22	12.60	--	--	3600	100	26	170	260	--	--
04/20/92	33.82	23.46	10.36	--	--	2600	110	32	180	260	--	--
07/17/92	33.82	20.94	12.88	--	--	1100	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	--	--	6000	81	22	200	310	--	--
05/03/93	33.82	24.07	9.75	--	--	11,000	75	96	880	2600	--	--
07/28/93	33.82	22.68	11.14	--	--	2800	60	13	92	150	--	--
10/27/93	33.25	21.24	12.01	--	--	2700	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	--	--	2800	52	110	78	110	--	--
09/29/94	33.25	20.83	12.42	--	--	3700	120	20	120	85	--	--
11/09/94	33.25	--	--	--	**	3200	82	44	160	110	--	--
12/14/94	33.25	22.74	10.51	--	--	5300	140	30	170	310	--	--
03/30/95	33.25	24.81	8.44	--	--	3900	86	19	180	210	--	--
06/30/95	33.25	23.11	10.14	--	--	1500	75	21	72	72	--	--
09/22/95	33.25	22.05	11.20	--	--	3400	94	24	110	110	--	--

\*Chromatogram pattern indicated an unidentified hydrocarbon.

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

\*\*\*MTBE value is reported from a re-analysis on 04/01/99.

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-8 (cont)</b>												
12/11/95	33.25	22.26	10.99	--	--	7500	100	<0.5	160	120	130	--
03/08/96	33.25	24.79	8.46	--	--	3600	93	8.9	110	88	82	--
06/21/96	33.25	23.28	9.97	--	--	3200	69	6.8	100	88	19	--
09/27/96	33.25	22.47	10.78	--	--	7000	98	12	150	130	53	--
01/03/97	33.25	24.43	8.82	--	--	5700	43	9.3	110	95	17	--
03/28/97	33.25	23.60	9.65	--	--	4900	52	4.7	70	47	50	--
09/30/97	33.25	--	--	--	Monitored annually	--	--	--	--	--	--	--
03/28/98	33.25	24.78	8.47	--	--	3300*	33	4.2	110	61	<25	--
03/19/99	33.25	24.34	8.91	--	***	2600	34	16	34	19	76	--
03/21/00	33.25	24.43	8.82	--	--	4300	8.45	42.3	61.1	20.3	33.8	--
08/28/00	33.25	--	--	--	--	--	--	--	--	--	--	--
<b>C-9</b>												
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	--	--

\*\*\*MTBE value is reported from a re-analysis on 04/01/99.

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-9 (cont)</b>												
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	32.97	20.57	12.40	--	*	<5000	<50	<50	<50	<50	--	--
11/09/94	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	--
08/28/00	32.97	22.02	10.95	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--

\*Detection limit raised due to foaming sample.

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

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-10</b>												
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	31.63	--	--	--	Duplicate	<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	31.16	20.46	10.70	--	*	<5000	<50	<50	<50	<50	--	--
11/09/94	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	--

\*Detection limit raised due to foaming sample.

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



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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-10 (cont)</b>												
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***	<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	--
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	--
<b>C-11</b>												
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	--	--
03/30/95	31.23	24.38	6.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

\*\*\*Laboratory report indicates sample diluted due to foaming.

^MTBE value is reported from a re-analyzation on 04/01/99.

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>C-11 (cont)</b>												
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	--
<b>TRIP BLANK</b>												
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	--	--
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	--	--

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

Vertical Measurements are in feet.

Analytical results are in parts per billion (ppb)

DATE	Well Head Elev.	Ground Water Elev.	Depth To Water	SPH Thickness	Notes	TPH-Gasoline	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	HVOCs
<b>TRIP BLANK (cont)</b>												
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	--

**EXPLANATIONS:**

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

SPH = Separate Phase Hydrocarbons

TPH = Total Petroleum Hydrocarbons

MTBE = Methyl tertiary butyl ether

HVOC = Halogenated Volatile Organic Compounds

ND = Not Detected

-- = Not Measured/Not Analyzed

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

Analytical values are in parts per billion (ppb)

DATE	ETHANOL	TBA	MTBE	DIPE	ETBE	TAME
<b>C-1</b> 3/19/99	<2500	<500	270	<10	<10	<10
<b>C-2</b> 3/19/99	<2500	<500	330	<10	<10	<10
<b>C-3</b> 3/19/99	<500	<100	8.0	<2.0	<2.0	<2.0
<b>C-7</b> 3/19/99	<500	<100	<2.0	<2.0	<2.0	<2.0
<b>C-8</b> 3/19/99	<500	<100	10	<2.0	<2.0	<2.0
<b>C-10</b> 3/19/99	<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

## 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 for all samples. 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

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

Job#: 385259  
 Date: 8-28-00  
 Sampler: FRANK BOKNE

Well ID: C-9  
 Well Diameter: 2" / 3" in.  
 Total Depth: 24.58 ft.  
 Depth to Water: 10.95 ft.

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

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

13.63 x VF .17 = 2.31 x 3 (case volume) = Estimated Purge Volume: 7.0 (gal.)

Purge Equipment: Stack  
 Disposable Bailer  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 9:30  
 Sampling Time: 9:40  
 Purging Flow Rate: 2 gpm.  
 Did well de-water? NO

Weather Conditions: Sunny  
 Water Color: Brownish Odor: NO  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>9:32</u>	<u>2.5</u>	<u>7.80</u>	<u>3.16</u>	<u>65.9</u>			
<u>9:34</u>	<u>5.0</u>	<u>7.86</u>	<u>3.12</u>	<u>65.7</u>			
<u>9:36</u>	<u>7.0</u>	<u>7.89</u>	<u>3.08</u>	<u>65.7</u>			

### LABORATORY INFORMATION

SAMPLE ID	(N) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA		TPH(G)/btex/mtbe
<u>C-9</u>	<u>3x VOAVIAL</u>	<u>Y</u>	<u>HCL</u>	<u>SEQUOIA</u>		

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

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/ Chevron  
 Facility # 9-0504 Job#: 385259  
 Address: 15900 Hesperian Blvd. Date: 8-28-00  
 City: San Lorenzo, CA Sampler: FRANK B

Well ID: C-10 Well Condition: OK  
 Well Diameter: 2" / 3" in. Hydrocarbon Thickness: ∅ Amount Bailed (product/water): ∅ (Gallons)  
 Total Depth: 24.51 ft.  
 Depth to Water: 9.30 ft.

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

15.21 x VF .17 = 2.59 x 3 (case volume) = Estimated Purge Volume: 8.0 (gal.)

Purge Equipment: Stack Disposable Bailer  
 Bailer  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 9:55 Weather Conditions: SUNNY  
 Sampling Time: 10:08 Water Color: CLR Odor: NO  
 Purging Flow Rate: 2 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? NO If yes: Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu$ mhos/cm	Temperature °F	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
9:57	2.5	6.89	5.49	70.1			
9:59	5.0	7.03	6.84	70.5			
10:01	8.0	7.06	6.74	70.0			

### LABORATORY INFORMATION

SAMPLE ID	(#) - CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-10	3X VOAVIAL	Y	HCL	SEQUOIA	TPH(G)/btex/mtbe

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

## WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job#: 385259  
 Date: 8-28-00  
 Sampler: FRANK B

Well ID: C-11      Well Condition: OK

Well Diameter: 2" / 3" in.      Hydrocarbon Thickness: ∅      Amount Bailed (product/water): ∅ (Gallons)

Total Depth: 24.55 ft.

Depth to Water: 9.19 ft.

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

15.36 x VF .17 = 2.61 x 3 (case volume) = Estimated Purge Volume: 8.0 (gal.)

Purge Equipment: Stack  
 Disposable Bailer  
 Bailer  
 Suction  
 Grundfos  
 Other: \_\_\_\_\_

Sampling Equipment: Disposable Bailer  
 Bailer  
 Pressure Bailer  
 Grab Sample  
 Other: \_\_\_\_\_

Starting Time: 10:15  
 Sampling Time: 10:30  
 Purging Flow Rate: 2 gpm.  
 Did well de-water? NO

Weather Conditions: SUNNY  
 Water Color: CLEAR      Odor: NO  
 Sediment Description: \_\_\_\_\_  
 If yes; Time: \_\_\_\_\_ Volume: \_\_\_\_\_ (gal.)

Time	Volume (gal.)	pH	Conductivity $\mu\text{mhos/cm}$	Temperature $^{\circ}\text{F}$	D.O. (mg/L)	ORP (mV)	Alkalinity (ppm)
<u>10:17</u>	<u>2.5</u>	<u>7.28</u>	<u>6.97</u>	<u>69.6</u>			
<u>10:19</u>	<u>5.0</u>	<u>7.21</u>	<u>8.78</u>	<u>69.4</u>			
<u>10:21</u>	<u>8.0</u>	<u>7.19</u>	<u>8.69</u>	<u>69.4</u>			

### LABORATORY INFORMATION

SAMPLE ID	(#)-CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY		ANALYSES
				SEQUOIA		TPH(G)/btex/mtbe
<u>C-11</u>	<u>3x VOAVIAL</u>	<u>Y</u>	<u>HCL</u>			

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



**Chevron Products Co.**  
**P.O. BOX 6004**  
**San Ramon, CA 94583**  
**FAX (925)842-8370**

Chevron Facility Number #9-0504  
 Facility Address 15900 HESPERTAN BLVD., SAN LORENZO, CA 385259  
 Consultant Project Number \_\_\_\_\_  
 Consultant Name GETTLER-RYAN INC.  
 Address 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568  
 Project Contact (Name) DEANNA L. HARDING  
 (Phone) 925-551-7555 (Fax Number) 925-551-7899

Chevron Contact (Name) MR. TOM BAUHS  
 (Phone) (925) 842-8898  
 Laboratory Name SEQUOIA W003656  
 Laboratory Service Order \_\_\_\_\_  
 Laboratory Service Code \_\_\_\_\_  
 Samples Collected by (Name) FRANK BOHNET  
 Signature Frank H Bohnet

Sample Number	Number of Containers	Matrix S = Soil A = Air W = Water C = Charcoal	Sample Preservation	Date/Time	State Method: <input checked="" type="checkbox"/> CA <input type="checkbox"/> OR <input type="checkbox"/> WA <input type="checkbox"/> NW Series <input type="checkbox"/> CO <input type="checkbox"/> UT IDAHO													Remarks	
					BTX/NITB/TPH GAS (8020 + 8015)	BTX + TPH GAS (8020 + 8015)	TPH Diesel (8015)	Organics (8150)	Purgeable Hydrocarbons (8010)	Purgeable Organics (8150)	Extractable Organics (8270)	Oil and Grease (8530)	Metals (Pb, Cr, Ni, Cu, Zn, Fe)	BTX (8020)	BTX/NITB/Naph. (8020)	TPH - HCD	TPH-D Extended		Lab Sample No.
TB-LB	1	W	HCL		X		01 A												
C-9	3	"	"	9:40/AM	X		02 A-C												
C-10	3	"	"	10:02/AM	X		03												
C-11	3	"	"	10:30/AM	X		04												

Relinquished By (Signature) Frank H Bohnet  
 Organization G-R INC.  
 Date/Time 8-28-00 11:55 AM

Relinquished By (Signature) Mark Celli  
 Organization Seq  
 Date/Time 8/29/00

Relinquished By (Signature) \_\_\_\_\_  
 Organization \_\_\_\_\_  
 Date/Time \_\_\_\_\_

Received By (Signature) Mark Celli  
 Organization Seq  
 Date/Time 8/29/00

Received For Laboratory By (Signature) WC  
 Organization SEQUOIA  
 Date/Time 8/29/00

Turn Around Time (Circle Choice)

24 Hrs.  
 48 Hrs.  
 5 Days  
 10 Days  
 As Contracted



# Sequoia Analytical

404 N. Wiget Lane  
Walnut Creek, CA 94598  
(925) 988-9600  
FAX (925) 988-9673  
www.sequoialabs.com

15 September, 2000

Deanna L. Harding  
Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin, CA 94568

RE: Chevron  
Sequoia Report: W008656

Enclosed are the results of analyses for samples received by the laboratory on 29-Aug-00 18:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater  
Project Manager

CA ELAP Certificate #1271





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0504  
Project Manager: Deanna L. Harding

**Reported:**  
15-Sep-00 07:46

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TB-LB	W008656-01	Water	28-Aug-00 00:00	29-Aug-00 18:00
C-9	W008656-02	Water	28-Aug-00 09:40	29-Aug-00 18:00
C-10	W008656-03	Water	28-Aug-00 10:08	29-Aug-00 18:00
C-11	W008656-04	Water	28-Aug-00 10:30	29-Aug-00 18:00

Sequoia Analytical - Walnut Creek

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Charlie Westwater, Project Manager





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0504  
Project Manager: Deanna L. Harding

Reported:  
15-Sep-00 07:46

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>TB-LB (W008656-01) Water</b> Sampled: 28-Aug-00 00:00 Received: 29-Aug-00 18:00									
Purgeable Hydrocarbons	ND	50	ug/l	1	0108003	08-Sep-00	08-Sep-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.0 %	70-130		"	"	"	"	
<b>C-9 (W008656-02) Water</b> Sampled: 28-Aug-00 09:40 Received: 29-Aug-00 18:00									
Purgeable Hydrocarbons	ND	50	ug/l	1	0109001	09-Sep-00	09-Sep-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.0 %	70-130		"	"	"	"	
<b>C-10 (W008656-03) Water</b> Sampled: 28-Aug-00 10:08 Received: 29-Aug-00 18:00									
Purgeable Hydrocarbons	ND	50	ug/l	1	0109001	09-Sep-00	09-Sep-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	7.7	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.0 %	70-130		"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0504  
Project Manager: Deanna L. Harding

Reported:  
15-Sep-00 07:46

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT**

**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C-11 (W008656-04) Water</b> <b>Sampled: 28-Aug-00 10:30</b> <b>Received: 29-Aug-00 18:00</b>									
Purgeable Hydrocarbons	ND	50	ug/l	1	0I09001	09-Sep-00	09-Sep-00	EPA 8015M/8020	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		99.3 %		70-130	"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0504  
Project Manager: Deanna L. Harding

Reported:  
15-Sep-00 07:46

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 0I08003 - EPA 5030B [P/T]</b>										
<b>Blank (0I08003-BLK1)</b> Prepared & Analyzed: 08-Sep-00										
Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
Surrogate: <i>a,a,a</i> -Trifluorotoluene	29.2		"	30.0		97.3	70-130			
<b>LCS (0I08003-BS1)</b> Prepared & Analyzed: 08-Sep-00										
Benzene	20.1	0.50	ug/l	20.0		101	70-130			
Toluene	20.3	0.50	"	20.0		101	70-130			
Ethylbenzene	20.4	0.50	"	20.0		102	70-130			
Xylenes (total)	58.7	0.50	"	60.0		97.8	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	28.0		"	30.0		93.3	70-130			
<b>Matrix Spike (0I08003-MS1)</b> Source: W008583-03 Prepared & Analyzed: 08-Sep-00										
Benzene	21.9	0.50	ug/l	20.0	ND	109	70-130			
Toluene	22.6	0.50	"	20.0	ND	113	70-130			
Ethylbenzene	23.2	0.50	"	20.0	ND	116	70-130			
Xylenes (total)	67.5	0.50	"	60.0	ND	113	70-130			
Surrogate: <i>a,a,a</i> -Trifluorotoluene	28.6		"	30.0		95.3	70-130			
<b>Matrix Spike Dup (0I08003-MSD1)</b> Source: W008583-03 Prepared & Analyzed: 08-Sep-00										
Benzene	20.0	0.50	ug/l	20.0	ND	100	70-130	9.07	20	
Toluene	20.5	0.50	"	20.0	ND	103	70-130	9.74	20	
Ethylbenzene	20.6	0.50	"	20.0	ND	103	70-130	11.9	20	
Xylenes (total)	60.2	0.50	"	60.0	ND	100	70-130	11.4	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	27.3		"	30.0		91.0	70-130			





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0504  
Project Manager: Deanna L. Harding

Reported:  
15-Sep-00 07:46

**Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control**  
**Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 0I09001 - EPA 5030B [P/T]**

**Blank (0I09001-BLK1)**

Prepared & Analyzed: 09-Sep-00

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
<i>Surrogate: a, a, a-Trifluorotoluene</i>	29.7		"	30.0		99.0	70-130			

**LCS (0I09001-BS1)**

Prepared & Analyzed: 09-Sep-00

Benzene	18.6	0.50	ug/l	20.0		93.0	70-130			
Toluene	19.3	0.50	"	20.0		96.5	70-130			
Ethylbenzene	20.1	0.50	"	20.0		101	70-130			
Xylenes (total)	59.5	0.50	"	60.0		99.2	70-130			
<i>Surrogate: a, a, a-Trifluorotoluene</i>	29.2		"	30.0		97.3	70-130			

**Matrix Spike (0I09001-MS1)**

Source: W009186-02

Prepared & Analyzed: 09-Sep-00

Benzene	20.1	0.50	ug/l	20.0	ND	101	70-130			
Toluene	21.1	0.50	"	20.0	ND	106	70-130			
Ethylbenzene	21.4	0.50	"	20.0	ND	107	70-130			
Xylenes (total)	64.0	0.50	"	60.0	ND	107	70-130			
<i>Surrogate: a, a, a-Trifluorotoluene</i>	28.5		"	30.0		95.0	70-130			

**Matrix Spike Dup (0I09001-MSD1)**

Source: W009186-02

Prepared & Analyzed: 09-Sep-00

Benzene	18.2	0.50	ug/l	20.0	ND	91.0	70-130	9.92	20	
Toluene	18.7	0.50	"	20.0	ND	93.5	70-130	12.1	20	
Ethylbenzene	19.5	0.50	"	20.0	ND	97.5	70-130	9.29	20	
Xylenes (total)	57.8	0.50	"	60.0	ND	96.3	70-130	10.2	20	
<i>Surrogate: a, a, a-Trifluorotoluene</i>	28.2		"	30.0		94.0	70-130			





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Chevron  
Project Number: Chevron # 9-0504  
Project Manager: Deanna L. Harding

Reported:  
15-Sep-00 07:46

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

