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9:17 am, May 07, 2010

Alameda County  
Environmental Health

Stacie H. Frerichs  
Team Lead  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 842-9655  
Fax (925) 842-8370

May 5, 2010

(date)

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

Re: Chevron Facility # 9-0504

Address: 15900 Hesperian Boulevard, San Lorenzo, California

I have reviewed the attached report titled 2010 Annual Groundwater Monitoring Report and dated May 5, 2010.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga-Rovers & Associates, upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

Stacie H. Frerichs  
Project Manager

Enclosure: Report



May 5, 2010

Reference No. 611641

Mr. Mark Detterman, P.G., C.E.G.  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

Re: 2010 Annual Groundwater Monitoring Report  
Chevron Service Station No. 9-0504  
15900 Hesperian Boulevard  
San Lorenzo, California  
LOP Case RO0000007

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Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) to Alameda County Environmental Health (ACEH) on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. The report (prepared by Gettler-Ryan Inc. and dated April 14, 2010) presents the results of the monitoring and sampling of wells C-1, C-2, C-3, C-7, and C-8 during first quarter 2010. These wells are monitored and sampled on an annual basis during the first quarter. Wells C-4, C-5, C-6, C-9, C-10, and C-11 are no longer sampled. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the 2010 annual analytical results along with a rose diagram. The monitoring results for 2010 are discussed below.

During the 2010 event, petroleum hydrocarbon concentrations in the wells were similar to or less than those observed in 2009. Total petroleum hydrocarbons as gasoline (TPHg) and benzene were only detected in offsite well C-8 (8,700 micrograms per liter [ $\mu\text{g}/\text{L}$ ] and  $1 \mu\text{g}/\text{L}$ , respectively). Toluene, ethylbenzene, and xylenes generally were also not detected in the wells with the exception of low concentrations in C-8 (0.8  $\mu\text{g}/\text{L}$ , 51  $\mu\text{g}/\text{L}$ , and 11  $\mu\text{g}/\text{L}$ , respectively). Methyl tertiary butyl ether (MTBE) was only detected in well C-1 (0.5  $\mu\text{g}/\text{L}$ ).

Based on the analytical results, impacted groundwater (primarily TPHg) remains downgradient of the site in the vicinity of well C-8 in Hesperian Boulevard. The TPHg concentrations in this well have remained relatively stable; however, the benzene concentrations have decreased and only low concentrations remain, and MTBE has not been detected since 2001. With the exception of low concentrations of MTBE in well C-1, petroleum hydrocarbons are no longer detected in onsite wells C-1, C-2, and C-3. Concentrations in offsite well C-7 have also significantly decreased as TPHg and BTEX have not been detected during the past two events



**CONESTOGA-ROVERS  
& ASSOCIATES**

May 5, 2010

2

Reference No. 611641

and MTBE has not been detected for several years. CRA recommends continued annual monitoring to further evaluate groundwater quality and concentration trends.

As outlined in our January 30, 2009 *Work Plan for Additional Investigation*, additional investigation to evaluate soil vapor quality at the site is planned (Figure 2), and will be performed during second quarter 2010.

Please contact Mr. James Kiernan at (916) 889-8917 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Christopher J. Benedict

James P. Kiernan, P.E. #C68498

CB/jt/4  
Encl.

Figure 1      Vicinity Map  
Figure 2      Concentration Map - March 17, 2010

Attachment A      2010 Annual Groundwater Monitoring and Sampling Report

cc:      Ms. Stacie Frerichs, Chevron  
         Mr. Scott Bohannon, Bohannon Organization



## FIGURES



SOURCE: TOPO! MAPS.

figure 1

VICINITY MAP  
 CHEVRON SERVICE STATION 9-0504  
 15900 HESPERIAN BOULEVARD  
 San Lorenzo, California



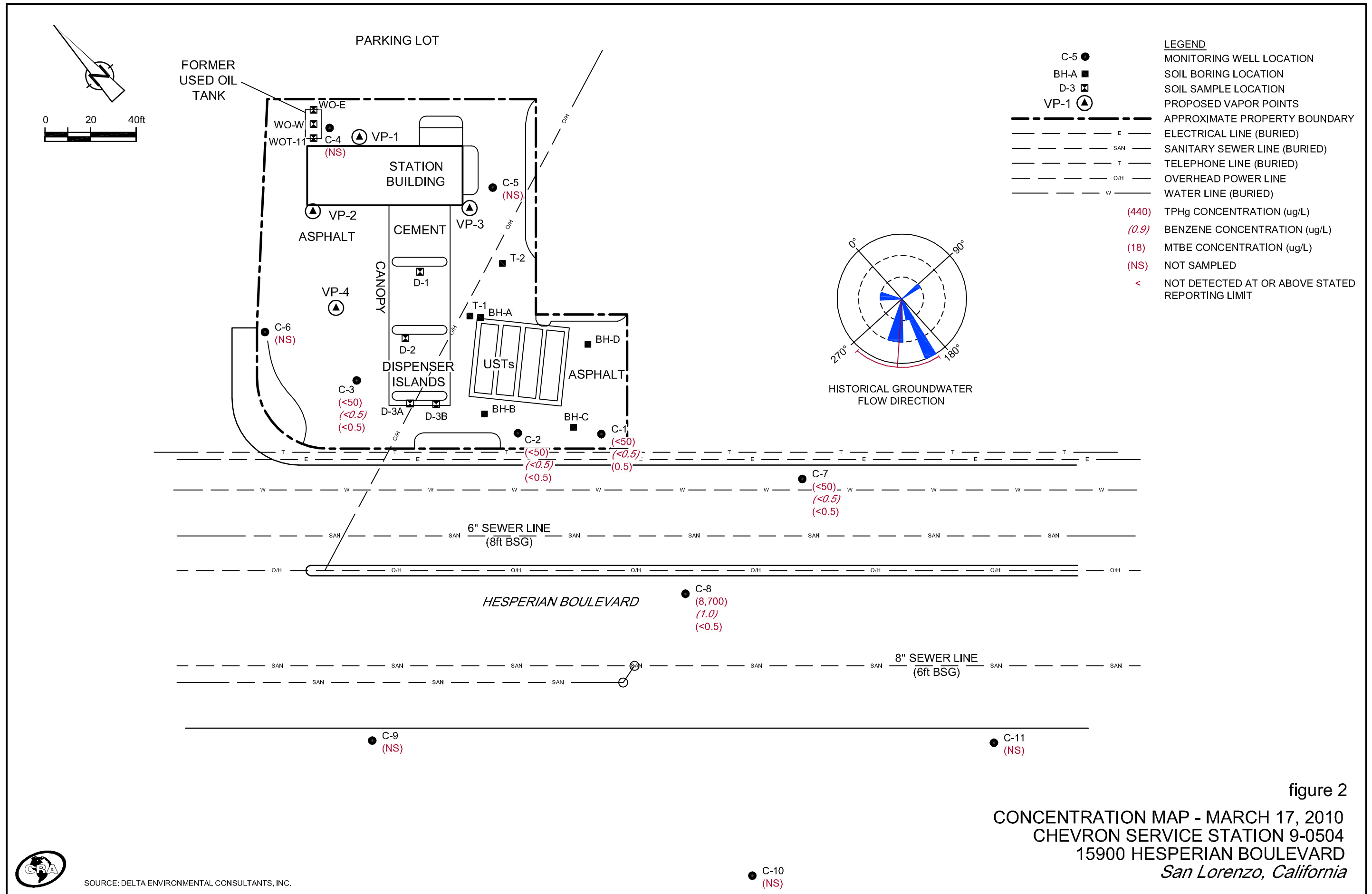


figure 2  
 CONCENTRATION MAP - MARCH 17, 2010  
 CHEVRON SERVICE STATION 9-0504  
 15900 HESPERIAN BOULEVARD  
 San Lorenzo, California



SOURCE: DELTA ENVIRONMENTAL CONSULTANTS, INC.

ATTACHMENT A

2010 ANNUAL GROUNDWATER MONITORING AND SAMPLING REPORT



# GETTLER-RYAN INC.



## TRANSMITTAL

April 19, 2010  
G-R #385259

TO: Mr. James Kiernan  
Conestoga-Rovers & Associates  
10969 Trade Center Dr, Suite 107  
Rancho Cordova, CA 95670

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

RE: **Chevron Service Station  
#9-0504 (MTI)  
15900 Hesperian Boulevard  
San Lorenzo, California  
RO 0000007**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	April 14, 2010	Groundwater Monitoring and Sampling Report Annual Event of March 17, 2010

### COMMENTS:

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

Ms. Stacie H. Frerichs, Chevron Environmental Management Company, 6111 Bollinger Canyon Rd.,  
Room 3596, San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **May 3, 2010** at which time this final report will be distributed to the following:

cc: Mr. Mike Bakaldin, Hazmat, San Leandro Fire Department, 835 East 14<sup>th</sup> Street, Suite 200,  
San Leandro, CA 94577  
Mr. Scott Bohannon, Bohannon Development, Sixty 31<sup>st</sup> Avenue, San Mateo, CA 94403  
Mr. Mark Detterman, Alameda County Health Care Services, Dept. of Environmental Health,  
1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577  
**(No Hard Copy-UPLOAD TO ALAMEDA CO.)**

Enclosures

trans/9-0504-SHF





Stacie H. Frerichs  
Team Lead  
Marketing Business Unit

Chevron Environmental  
Management Company  
6001 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 842-9655  
Fax (925) 842-8370

April 19, 2010  
(date)

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

Re: Chevron Facility #9-0504

Address: 15900 Hesperian Blvd., San Lorenzo, California

I have reviewed the attached routine groundwater monitoring report dated April 19, 2010.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Gettler-Ryan, Inc., upon whose assistance and advice I have relied.

This letter is submitted pursuant to the requirements of California Water Code Section 13267(b)(1) and the regulating implementation entitled Appendix A pertaining thereto.

I declare under penalty of perjury that the foregoing is true and correct.

Sincerely,

A handwritten signature in cursive script that reads "Stacie H. Frerichs".

Stacie H. Frerichs  
Project Manager

Enclosure: Report

## WELL CONDITION STATUS SHEET

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

Job # 385259  
 Event Date: 3/17/10  
 Sampler: 3H

WELL ID	Vault Frame Condition	Gasket/O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
C-7	OK	—	—	—	—	—	→	N	N	Christy	N
C-8	OK	—	—	—	—	—	→	↓	↑	↓	↓
C-1	OK	N/A	→	→	OK	→	→	↓	↓	Vault	↓
C-2	OK	N/A	→	→	OK	→	→	↓	↓	↓	↓
C-3	OK	—	—	—	—	—	→	↓	↓	Christy	↓
C-9	OK	—	—	—	—	—	→	↓	↓	↓	↓
C-10	OK	—	—	—	—	—	→	↓	↓	↓	↓
C-11	OK	—	—	—	—	—	→	↓	↓	↓	↓

Comments \_\_\_\_\_  
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# GETTLER - RYAN INC.



April 14, 2010  
G-R Job #385259

Ms. Stacie H. Frerichs  
Chevron Environmental Management Company  
6111 Bollinger Canyon Rd., Room 3596  
San Ramon, CA 94583

**RE: Annual Event of March 17, 2010**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0504  
15900 Hesperian Boulevard  
San Lorenzo, California

Dear Ms. Frerichs:

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.

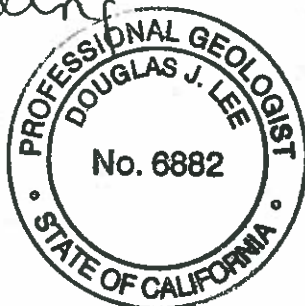
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are also attached. All groundwater and decontamination water generated during sampling activities was removed from the site, per the Standard Operating Procedure.

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

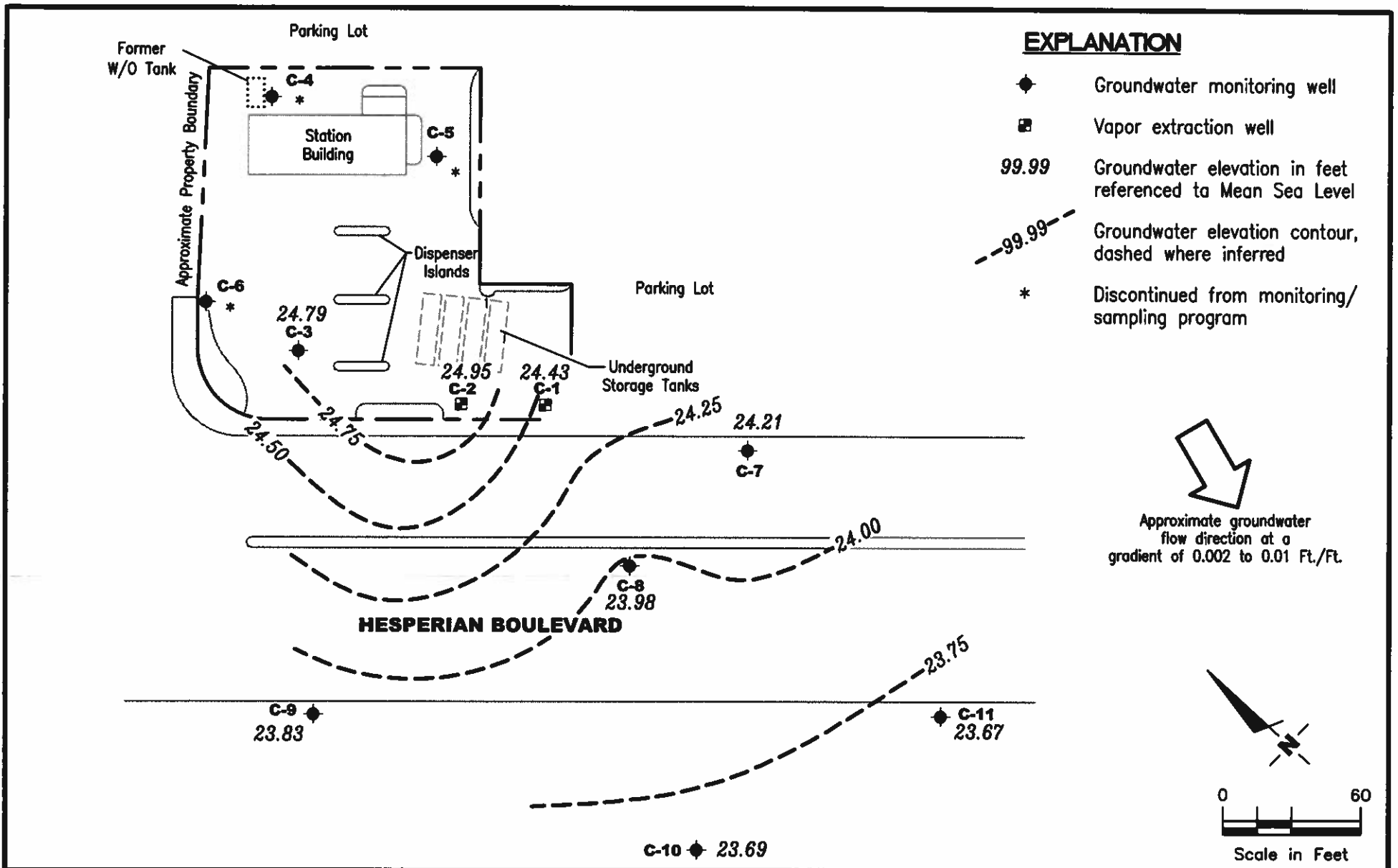
Sincerely,

Deanna L. Harding  
Project Coordinator

Douglas J. Lee  
Senior Geologist, P.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 Court, 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 17, 2010

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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>C-1</b>											
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 <sup>7</sup>	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 <sup>8</sup>	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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

**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 ( <i>msl</i> )	DTW ( <i>ft.</i> )	SPHT ( <i>ft.</i> )	TPH-GRO ( <i>µ</i> g/L)	B ( <i>µ</i> g/L)	T ( <i>µ</i> g/L)	E ( <i>µ</i> g/L)	X ( <i>µ</i> g/L)	MTBE ( <i>µ</i> g/L)	HVOCs ( <i>µ</i> g/L)
<b>C-1 (cont)</b>											
03/21/02	32.80	24.18	8.62	0.00	<50	<0.50	<0.50	<0.50	<1.5	20	--
09/04/02	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/03	32.80	23.93	8.87	0.00	<50	<0.5	<0.5	<0.5	<1.5	40	--
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/05/04 <sup>12</sup>	32.80	24.46	8.34	0.00	<50	<0.5	<0.5	<0.5	<0.5	15	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/05 <sup>12</sup>	32.80	24.76	8.04	0.00	<50	<0.5	<0.5	<0.5	0.5	1	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/24/06 <sup>12</sup>	32.80	25.04	7.76	0.00	<50	<0.5	<0.5	<0.5	<0.5	4	--
03/05/07 <sup>12</sup>	32.80	24.00	8.80	0.00	160	<0.5	<0.5	<0.5	<0.5	14	--
03/17/08 <sup>12</sup>	32.80	23.89	8.91	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9	--
03/03/09 <sup>12</sup>	32.80	24.13	8.67	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
03/17/10 <sup>12</sup>	32.80	24.43	8.37	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.5	--
<b>C-2</b>											
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	--	--

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

WELL ID/ DATE	TOC (f/L)	GWE (msl)	DTW (fL)	SPHT (f/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>C-2 (cont)</b>											
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 <sup>7</sup>	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			--	--	--	--	--	--	--
03/28/98	33.46	25.46	8.00	--	1,100 <sup>8</sup>	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	--
09/04/02	33.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/03	33.46	24.53	8.93	0.00	<50	<0.5	1.0	<2.0	2.6	<2.5	--
09/17/03	◆ 32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/05/04 <sup>12</sup>	32.80	24.41	8.39	0.00	940	1	<0.5	21	10	45	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/05 <sup>12</sup>	32.80	24.67	8.13	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/24/06 <sup>12</sup>	32.80	24.99	7.81	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07 <sup>12</sup>	32.80	23.89	8.91	0.00	1,000	1	<0.5	8	1	<0.5	--
03/17/08 <sup>12</sup>	33.46	25.35	8.11	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09 <sup>12</sup>	33.46	25.43	8.03	0.00	<50	<0.5	0.7	<0.5	0.5	<0.5	--
03/17/10 <sup>12</sup>	33.46	24.95	8.51	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
<b>C-3</b>											
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	--	--

**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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)	
<b>C-3 (cont)</b>												
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 <sup>1</sup>	--	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 <sup>2</sup>	35.46	21.62	13.84	--	2,500	<25	<25	<25	220	--	--	
11/09/94 <sup>5</sup>	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	--	1,500	1.9	8.1	100	300	--	--	
09/22/95	35.46	22.88	12.58	--	600 <sup>7</sup>	0.7	<0.5	43	110	--	--	
12/11/95	35.46	22.91	12.55	--	670 <sup>8</sup>	<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	--	



**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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>C-3 (cont)</b>											
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	--
09/04/02	35.46	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/03	35.46	24.31	11.15	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/05/04 <sup>12</sup>	32.80	22.42	10.38	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/05 <sup>12</sup>	32.80	22.67	10.13	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/24/06 <sup>12</sup>	32.80	22.95	9.85	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07 <sup>12</sup>	32.80	21.83	10.97	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/08 <sup>12</sup>	35.46	24.23	11.23	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09 <sup>12</sup>	35.46	24.45	11.01	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/10 <sup>12</sup>	35.46	24.79	10.67	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
<b>C-7</b>											
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	--	--
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	--	--

**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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)	
<b>C-7 (cont)</b>												
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 <sup>5</sup>	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 <sup>8</sup>	28	7.8	70	170	<25	--	
03/19/99	32.32	24.61	7.71	--	5,300	63	24	280	370	67 <sup>10</sup>	--	
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 <sup>11</sup>	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	--	
09/04/02	32.32	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--
03/31/03	32.32	23.67	8.65	0.00	3,300	17	3.9	92	190	31	--	
09/17/03	◆ 32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--
03/05/04 <sup>12</sup>	32.80	24.86	7.94	0.00	2,200	7	1	50	120	<0.5	--	
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--
03/02/05 <sup>12</sup>	32.80	25.14	7.66	0.00	2,500	11	2	39	84	<0.5	--	
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY				--	--	--	--	--	--	--
03/24/06 <sup>12</sup>	32.80	25.44	7.36	0.00	3,300	12	3	56	100	<0.5	--	
03/05/07 <sup>12</sup>	32.80	24.46	8.34	0.00	1,600	5	0.8	13	30	<0.5	--	
03/17/08 <sup>12</sup>	32.32	23.69	8.63	0.00	750	2	<0.5	4	12	<0.5	--	
03/03/09 <sup>12</sup>	32.32	23.88	8.44	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	
03/17/10 <sup>12</sup>	32.32	24.21	8.11	0.00	<50	<0.5	<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 (fL)	GWE (msl)	DTW (fL)	SPHT (fL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
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	--	--
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 <sup>5</sup>	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 <sup>8</sup>	33	4.2	110	61	<25	--
03/19/99	33.25	24.34	8.91	--	2,600	34	16	34	19	76 <sup>10</sup>	--
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			--	--	--	--	--	--	--

**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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>C-8 (cont)</b>											
03/02/01	33.25	23.75	9.50	0.00	2,980 <sup>11</sup>	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	--
09/04/02	33.25	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/31/03	33.25	23.45	9.80	0.00	4,700	<20	2.1	22	11	<50	--
09/17/03	◆ 32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/05/04 <sup>12</sup>	32.80	23.70	9.10	0.00	5,500	3	2	58	17	<0.5	--
09/03/04	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/02/05 <sup>12</sup>	32.80	23.94	8.86	0.00	3,300	1	0.8	17	9	<0.5	--
09/02/05	32.80	MONITORED /SAMPLED ANNUALLY			--	--	--	--	--	--	--
03/24/06 <sup>12</sup>	32.80	25.13	7.67	0.00	4,000	0.9	0.7	18	8	<0.5	--
03/05/07 <sup>12</sup>	32.80	23.26	9.54	0.00	8,100	1	1	66	19	<0.5	--
03/17/08 <sup>12</sup>	33.25	23.45	9.80	0.00	8,800	2	1	62	18	<0.5	--
03/03/09 <sup>12</sup>	33.25	23.52	9.73	0.00	7,400	0.8	0.7	56	11	<0.5	--
03/17/10 <sup>12</sup>	<b>33.25</b>	<b>23.98</b>	<b>9.27</b>	<b>0.00</b>	<b>8,700</b>	<b>1</b>	<b>0.8</b>	<b>51</b>	<b>11</b>	<b>&lt;0.5</b>	<b>--</b>
<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	--	--
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	--	--

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**Groundwater Monitoring Data and Analytical Results**  
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San Lorenzo, California

WELL ID/ DATE	TOC (fL)	GWE (msl)	DTW (fL)	SPHT (fL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>C-9 (cont)</b>											
09/29/94 <sup>2</sup>	32.97	20.57	12.40	--	<5,000	<50	<50	<50	<50	--	--
11/09/94 <sup>5</sup>	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	--
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	--
09/04/02	32.97	21.93	11.04	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	32.97	23.29	9.68	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03 <sup>12</sup>	32.97	21.99	10.98	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04 <sup>12</sup>	32.97	24.07	8.90	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04 <sup>12</sup>	32.97	21.54	11.43	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05 <sup>12</sup>	32.97	24.24	8.73	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05 <sup>12</sup>	32.97	22.38	10.59	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	32.97	24.30	8.67	0.00	DISCONTINUED SAMPLING			--	--	--	--
03/05/07	32.97	23.49	9.48	0.00	--	--	--	--	--	--	--

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

WELL ID/ DATE	TOC ( <i>fl.</i> )	GWE ( <i>msl</i> )	DTW ( <i>fl.</i> )	SPHT ( <i>fl.</i> )	TPH-GRO ( <i>µg/L</i> )	B ( <i>µg/L</i> )	T ( <i>µg/L</i> )	E ( <i>µg/L</i> )	X ( <i>µg/L</i> )	MTBE ( <i>µg/L</i> )	HVOCs ( <i>µg/L</i> )
<b>C-9 (cont)</b>											
03/17/08	32.97	23.27	9.70	0.00	--	--	--	--	--	--	--
03/03/09	32.97	23.37	9.60	0.00	--	--	--	--	--	--	--
03/17/10	32.97	23.83	9.14	0.00	--	--	--	--	--	--	--
<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 (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 <sup>2</sup>	31.16	20.46	10.70	--	<5,000	<50	<50	<50	<50	--	--
11/09/94 <sup>5</sup>	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	--
01/03/97	31.16	23.84	7.32	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--

**Table 1**  
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Chevron Service Station #9-0504  
15900 Hesperian Boulevard  
San Lorenzo, California

WELL ID/ DATE	TOC (fL)	GWE (msl)	DTW (fL)	SPHT (fL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>C-10 (cont)</b>											
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 <sup>9</sup>	<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 <sup>10</sup>	--
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	--
09/04/02	31.16	21.76	9.40	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	31.16	23.14	8.02	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03 <sup>12</sup>	31.16	21.85	9.31	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
03/05/04 <sup>12</sup>	31.16	23.88	7.28	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.5	--
09/03/04 <sup>12</sup>	31.16	21.50	9.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05 <sup>12</sup>	31.16	24.08	7.08	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05 <sup>12</sup>	31.16	22.35	8.81	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	31.16	23.54	7.62	0.00	DISCONTINUED SAMPLING			--	--	--	--
03/05/07	31.16	23.39	7.77	0.00	--	--	--	--	--	--	--
03/17/08	31.16	21.56	9.60	0.00	--	--	--	--	--	--	--
03/03/09	31.16	23.26	7.90	0.00	--	--	--	--	--	--	--
03/17/10	31.16	23.69	7.47	0.00	--	--	--	--	--	--	--
<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	--	--

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

WELL ID/ DATE	TOC ( <i>fl.</i> )	GWE ( <i>msl</i> )	DTW ( <i>fl.</i> )	SPHT ( <i>fl.</i> )	TPH-GRO ( <i>µg/L</i> )	B ( <i>µg/L</i> )	T ( <i>µg/L</i> )	E ( <i>µg/L</i> )	X ( <i>µg/L</i> )	MTBE ( <i>µg/L</i> )	HVOCs ( <i>µg/L</i> )
C-11 (cont)											
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	--	--
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	--
09/04/02	31.23	21.98	9.25	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	31.23	23.26	7.97	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03 <sup>12</sup>	31.23	22.04	9.19	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04 <sup>12</sup>	31.23	23.88	7.35	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04 <sup>12</sup>	31.23	21.74	9.49	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--



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

WELL ID/ DATE	TOC (fL)	GWE (msl)	DTW (fL)	SPHT (fL)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>C-11 (cont)</b>											
03/02/05 <sup>12</sup>	31.23	24.18	7.05	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05 <sup>12</sup>	31.23	22.61	8.62	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06	31.23	24.22	7.01	0.00	DISCONTINUED SAMPLING						--
03/05/07	31.23	23.53	7.70	0.00	--	--	--	--	--	--	--
03/17/08	31.23	22.30	8.93	0.00	--	--	--	--	--	--	--
03/03/09	31.23	23.43	7.80	0.00	--	--	--	--	--	--	--
03/17/10	31.23	23.67	7.56	0.00	--	--	--	--	--	--	--
<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 <sup>2,4</sup>	35.23	21.47	13.76	--	<2,500	<25	<25	<25	<25	--	ND <sup>3</sup>
11/09/94 <sup>4,5</sup>	35.23	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	ND <sup>3</sup>
12/14/94 <sup>6</sup>	35.23	23.44	11.79	--	<50	2.1	3.0	1.9	3.7	--	ND <sup>3</sup>
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	--

**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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>C-4 (cont)</b>											
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											
<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 <sup>1</sup>	--	<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 <sup>2</sup>	34.61	21.51	13.10	--	<2,500	<25	<25	<25	<25	--	--
11/09/94 <sup>5</sup>	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	--

**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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>C-5 (cont)</b>											
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											
<b>C-6</b>											
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 <sup>2</sup>	36.57	21.69	14.88	--	<2,500	<25	<25	<25	<25	--	--
11/09/94 <sup>5</sup>	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 <sup>8</sup>	<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											

**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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<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	--	--
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	--

**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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	HVOCs (µg/L)
<b>TRIP BLANK (cont)</b>											
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	--
<b>QA</b>											
03/21/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
09/04/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
03/31/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/17/03 <sup>12</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/04 <sup>12</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/03/04 <sup>12</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/02/05 <sup>12</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/02/05 <sup>12</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/24/06 <sup>12</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/05/07 <sup>12</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/17/08 <sup>12</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/09 <sup>12</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
<b>DISCONTINUED</b>											

**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	GRO = Gasoline Range Organics B = Benzene	(µg/L) = Micrograms per liter (ppb) = Parts per billion
GWE = Groundwater Elevation (msl) = Mean sea level	T = Toluene E = Ethylbenzene	(D) = Duplicate ND = Not Detected
DTW = Depth to Water	X = Xylenes	-- = Not Measured/Not Analyzed
SPHT = Separate Phase Hydrocarbons	MTBE = Methyl Tertiary Butyl Ether	QA = Quality Assurance/Trip Blank
TPH = Total Petroleum Hydrocarbons	HVOCs = Halogenated Volatile Organic Compounds	

◆ Toc elevations for wells C-2, C-3, C-7 and C-8 were inadvertently switched from September 17, 2003, to March 5, 2007. TOC's have been corrected as of March 17, 2008, to reflect the current TOC data.

- 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.
- 12 BTEX and MTBE by EPA Method 8260.

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

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
C-1	03/19/99	<2,500	<500	270	<10	<10	<10
	03/05/04	<50	--	15	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	1	--	--	--
	03/24/06	<50	--	4	--	--	--
	03/05/07	<50	--	14	--	--	--
	03/17/08	<50	--	0.9	--	--	--
	03/03/09	<50	--	0.8	--	--	--
	03/17/10	--	--	0.5	--	--	--
C-2	03/19/99	<2,500	<500	330	<10	<10	<10
	03/05/04	<50	--	45	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	<50	--	<0.5	--	--	--
	03/17/08	<50	--	<0.5	--	--	--
	03/03/09	<50	--	<0.5	--	--	--
	03/17/10	--	--	<0.5	--	--	--
C-3	03/19/99	<500	<100	8.0	<2.0	<2.0	<2.0
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	<50	--	<0.5	--	--	--
	03/17/08	<50	--	<0.5	--	--	--
	03/03/09	<50	--	<0.5	--	--	--
	03/17/10	--	--	<0.5	--	--	--
C-7	03/19/99	<500	<100	<2.0	<2.0	<2.0	<2.0
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--

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

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
C-7 (cont)	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	<50	--	<0.5	--	--	--
	03/17/08	<50	--	<0.5	--	--	--
	03/03/09	<50	--	<0.5	--	--	--
	03/17/10	--	--	<0.5	--	--	--
C-8	03/19/99	<500	<100	10	<2.0	<2.0	<2.0
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	SAMPLED ANNUALLY		--	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	03/24/06	<50	--	<0.5	--	--	--
	03/05/07	<50	--	<0.5	--	--	--
	03/17/08	<50	--	<0.5	--	--	--
	03/03/09	<50	--	<0.5	--	--	--
	03/17/10	--	--	<0.5	--	--	--
C-9	09/17/03	<50	--	<0.5	--	--	--
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	<50	--	<0.5	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--
	03/24/06	DISCONTINUED SAMPLED		--	--	--	--
C-10	03/19/99	<500	<100	6.7	<2.0	<2.0	<2.0
	09/17/03	<50	--	0.8	--	--	--
	03/05/04	<50	--	0.5	--	--	--
	09/03/04	<50	--	<0.5	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--
	03/24/06	DISCONTINUED SAMPLED		--	--	--	--



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

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
C-11	09/17/03	<50	--	<0.5	--	--	--
	03/05/04	<50	--	<0.5	--	--	--
	09/03/04	<50	--	<0.5	--	--	--
	03/02/05	<50	--	<0.5	--	--	--
	09/02/05	<50	--	<0.5	--	--	--
	03/24/06	DISCONTINUED SAMPLED		--	--	--	--

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

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**EXPLANATIONS:**

Groundwater laboratory analytical results before September 17, 2003, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = t-Butyl alcohol

MTBE = Methyl Tertiary Butyl Ether

DIPE = di-Isopropyl ether

ETBE = Ethyl t-butyl ether

TAME = t-Amyl methyl ether

( $\mu\text{g/L}$ ) = Micrograms per liter

-- = Not Analyzed

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

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

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When 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, as directed by the scope of work. 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. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259  
 Site Address: 15900 Hesperian Blvd. Event Date: 3/17/10 (inclusive)  
 City: San Lorenzo, CA Sampler: JW

Well ID: C-1  
 Well Diameter: 2 1/3 in.  
 Total Depth: 18.19 ft.  
 Depth to Water: 8.37 ft.  
9.82 xVF .38 = 3.73

Date Monitored: 3/17/10

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 11.19 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.33

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1215 Weather Conditions: Clear  
 Sample Time/Date: 1235 / 3/17/10 Water Color: cloudy Odor: Y 10  
 Approx. Flow Rate: 1 gpm. Sediment Description: light  
 Did well de-water? N If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 8.84

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 6)	Temperature (6 / F)	D.O. (mg/L)	ORP (mV)
<u>1219</u>	<u>4</u>	<u>7.36</u>	<u>881</u>	<u>18.8</u>		
<u>1223</u>	<u>8</u>	<u>7.25</u>	<u>920</u>	<u>18.7</u>		
<u>1226</u>	<u>11</u>	<u>7.18</u>	<u>950</u>	<u>18.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-1</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

### COMMENTS:

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259  
 Site Address: 15900 Hesperian Blvd. Event Date: 3/17/10 (inclusive)  
 City: San Lorenzo, CA Sampler: JH

Well ID: C-2 Date Monitored: 3/17/10  
 Well Diameter: 216 in.  
 Total Depth: 18.05 ft.  
 Depth to Water: 8.51 ft.  Check if water column is less than 0.50 ft.  
9.54 xVF .38 = 3.62 x3 case volume = Estimated Purge Volume: 10.87 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.41

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

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump Y  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1250 Weather Conditions: clear  
 Sample Time/Date: 1315 / 3/17/10 Water Color: cloudy Odor: Y10  
 Approx. Flow Rate: 1 gpm. Sediment Description: light  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 10.22

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - US)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>1254</u>	<u>4</u>	<u>7.55</u>	<u>723</u>	<u>18.4</u>		
<u>1258</u>	<u>8</u>	<u>7.40</u>	<u>758</u>	<u>18.2</u>		
<u>1301</u>	<u>11</u>	<u>7.28</u>	<u>761</u>	<u>18.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-2</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

### COMMENTS:

\_\_\_\_\_

\_\_\_\_\_

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259  
 Site Address: 15900 Hesperian Blvd. Event Date: 3/17/10 (inclusive)  
 City: San Lorenzo, CA Sampler: JH

Well ID: C-3 Date Monitored: 3/17/10  
 Well Diameter: 21 3/4 in.  
 Total Depth: 19.11 ft.  
 Depth to Water: 10.67 ft.  Check if water column is less than 0.50 ft.  
8.44 xVF .38 = 3.20 x3 case volume = Estimated Purge Volume: 9.62 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.35

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

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1325 Weather Conditions: clear  
 Sample Time/Date: 1350 / 3/17/10 Water Color: cloudy Odor: Y / (N)  
 Approx. Flow Rate: 1 gpm. Sediment Description: 1.5 ft  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 12.11

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>1328</u>	<u>3</u>	<u>7.39</u>	<u>864</u>	<u>18.8</u>		
<u>1331</u>	<u>6</u>	<u>7.26</u>	<u>881</u>	<u>18.6</u>		
<u>1335</u>	<u>10</u>	<u>7.21</u>	<u>905</u>	<u>18.5</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-3</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

### COMMENTS:

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259  
 Site Address: 15900 Hesperian Blvd. Event Date: 3/17/10 (inclusive)  
 City: San Lorenzo, CA Sampler: 311

Well ID: C-7  
 Well Diameter: 213 in.  
 Total Depth: 29.37 ft.  
 Depth to Water: 8.11 ft.

Date Monitored: 3/17/10

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

Check if water column is less than 0.50 ft.

16.25 xVF .17 = 2.75 x3 case volume = Estimated Purge Volume: 8.27 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.35

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1100 Weather Conditions: Clear  
 Sample Time/Date: 1125 / 3/17/10 Water Color: cloudy Odor: Y10  
 Approx. Flow Rate: 1 gpm. Sediment Description: 1.5 ft  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 10.62

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>1103</u>	<u>3</u>	<u>7.31</u>	<u>541</u>	<u>18.4</u>		
<u>1106</u>	<u>6</u>	<u>7.20</u>	<u>567</u>	<u>18.1</u>		
<u>1109</u>	<u>8</u>	<u>7.05</u>	<u>538</u>	<u>18.0</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-7</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTX+MTBE(8260)</u>

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259  
 Site Address: 15900 Hesperian Blvd. Event Date: 3/17/10 (inclusive)  
 City: San Lorenzo, CA Sampler: JD

Well ID: C-8 Date Monitored: 3/17/10  
 Well Diameter: 6.3 in.  
 Total Depth: 24.70 ft.  
 Depth to Water: 9.27 ft.  Check if water column is less than 0.50 ft.  
15.43 xVF .17 = 2.62 x3 case volume = Estimated Purge Volume: 7.86 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.35

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

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1130 Weather Conditions: cloudy  
 Sample Time/Date: 1200 3/17/10 Water Color: cloudy Odor: 0/N 1.3H  
 Approx. Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 11.51

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 25)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>1138</u>	<u>3</u>	<u>7.11</u>	<u>651</u>	<u>18.6</u>		
<u>1141</u>	<u>6</u>	<u>6.94</u>	<u>680</u>	<u>18.4</u>		
<u>1143</u>	<u>8</u>	<u>6.82</u>	<u>694</u>	<u>18.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>C-8</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-GRO(8015)/BTEX+MTBE(8260)</u>

### COMMENTS:

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





# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259  
 Site Address: 15900 Hesperian Blvd. Event Date: 3/17/10 (inclusive)  
 City: San Lorenzo, CA Sampler: SH

Well ID: C-9 Date Monitored: 3/17/10  
 Well Diameter: 213 in.  
 Total Depth: 24.56 ft.  
 Depth to Water: 9.14 ft.  Check if water column is less than 0.50 ft.  
15.42 xVF = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: \_\_\_\_\_

### Purge Equipment:

- Disposable Bailer \_\_\_\_\_
- Stainless Steel Bailer \_\_\_\_\_
- Stack Pump \_\_\_\_\_
- Suction Pump \_\_\_\_\_
- Grundfos \_\_\_\_\_
- Peristaltic Pump \_\_\_\_\_
- QED Bladder Pump \_\_\_\_\_
- Other: \_\_\_\_\_

### Sampling Equipment:

- Disposable Bailer \_\_\_\_\_
- Pressure Bailer \_\_\_\_\_
- Discrete Bailer \_\_\_\_\_
- Peristaltic Pump \_\_\_\_\_
- QED Bladder Pump \_\_\_\_\_
- Other: \_\_\_\_\_

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

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

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

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: m/o

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259  
 Site Address: 15900 Hesperian Blvd. Event Date: 3/17/10 (inclusive)  
 City: San Lorenzo, CA Sampler: JH

Well ID: C-10 Date Monitored: 3/17/10

Well Diameter: 2 1/3 in.

Total Depth: 24.55 ft.

Depth to Water: 7.47 ft.

17.08 xVF = \_\_\_\_\_

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: \_\_\_\_\_

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

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

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

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

### COMMENTS:

*[Handwritten signature]*

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0504 Job Number: 385259  
 Site Address: 15900 Hesperian Blvd. Event Date: 3/17/10 (inclusive)  
 City: San Lorenzo, CA Sampler: SH

Well ID: C-11  
 Well Diameter: 2 1/3 in.  
 Total Depth: 24.70 ft.  
 Depth to Water: 7.56 ft.  
17.14 xVF = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Date Monitored: 3/17/10

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: \_\_\_\_\_

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

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

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

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

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

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

# Chevron California Region Analysis Request/Chain of Custody



031718-06

For Lancaster Laboratories use only  
 Acct. #: 12099 Sample # 5930798-802 Group #: 017781

CRA MTI Project #: 61H-1641

1186587

Facility #: <u>SS39-0504 G-R#385259 Global ID#T0600100302</u> Site Address: <u>15900 HESPERIAN BLVD., SAN LORENZO, CA</u> Chevron PM: <u>MTI</u> <u>CRAKJ</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568</u> <u>Lead Consultant</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>Jim Heaton</u>			Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		Analyses Requested Preservation Codes Total Number of Containers BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input checked="" type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Total Lead Method Dissolved Lead Method										Preservative Codes H = HCl T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other <input type="checkbox"/> J value reporting needed <input checked="" 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	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	Comments / Remarks
C-1	3/17/10	1235	X			X			6	X	X	X							
C-2		1315	X			X			6	X	X	X							
C-3		1350	X			X			6	X	X	X							
C-7		1125	X			X			6	X	X	X							
C-8		1200	X			X			6	X	X	X							

Turnaround Time Requested (TAT) (please circle) <del>STD TAT</del> 72 hour 48 hour 24 hour 4 day 5 day			Relinquished by: <u>[Signature]</u> Date: <u>3/17/10</u> Time: <u>1430</u>		Received by: <u>[Signature]</u> Date: <u>17 MAR 10</u> Time: <u>1430</u>	
Data Package Options (please circle if required) <b>EDF/EDD</b> QC Summary Type I - Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk			Relinquished by: <u>[Signature]</u> Date: <u>17 MAR 10</u> Time: <u>1620</u>		Received by: <u>FED EX</u> Date: _____ Time: _____	
Relinquished by Commercial Carrier: UPS <u>EdEx</u> Other _____			Received by: <u>[Signature]</u> Date: <u>3/17/10</u> Time: <u>0845</u>		Temperature Upon Receipt: <u>62.2</u> °C Custody Seals Intact? <u>Yes</u> No	

**ANALYTICAL RESULTS**

Prepared for:

Chevron c/o CRA  
Suite 110  
2000 Opportunity Drive  
Roseville CA 95678

916-677-3407

Prepared by:

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

March 26, 2010

Project: 90504

**RECEIVED**  
MAR 28 2010  
**GETTLER-RYAN INC.**  
GENERAL CONTRACTORS

Samples arrived at the laboratory on Thursday, March 18, 2010. The PO# for this group is 90504 and the release number is MTI. The group number for this submittal is 1186587.

Client Sample DescriptionC-1-W-100317 Grab Water  
C-2-W-100317 Grab Water  
C-3-W-100317 Grab Water  
C-7-W-100317 Grab Water  
C-8-W-100317 Grab WaterLancaster Labs (LLI) #5930798  
5930799  
5930800  
5930801  
5930802

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC      Gettler-Ryan, Inc.  
COPY TO

Attn: Cheryl Hansen



## **Analysis Report**

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2881 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

Questions? Contact your Client Services Representative  
Jill M Parker at (717) 656-2300

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Christine Dulaney".

Christine Dulaney  
Senior Specialist



# Analysis Report

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

Sample Description: C-1-W-100317 Grab Water  
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD  
15900 Hesperian-San Lorenz T0600100302 C-1

LLI Sample # WW 5930798  
LLI Group # 1186587  
CA

Project Name: 90504

Collected: 03/17/2010 12:35 by JH

Account Number: 12099

Submitted: 03/18/2010 08:45

Chevron c/o CRA

Reported: 03/26/2010 at 10:02

Suite 110

Discard: 04/26/2010

2000 Opportunity Drive

Roseville CA 95678

05041

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>			ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	0.5	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

### General Sample Comments

State of California Lab Certification No. 2501  
Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100804AA	03/22/2010 03:58	Florida A Cimino	1
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100804AA	03/22/2010 03:58	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	10081A20A	03/22/2010 18:39	Carrie E Miller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10081A20A	03/22/2010 18:39	Carrie E Miller	1



# Analysis Report

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

**Sample Description:** C-2-W-100317 Grab Water  
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD  
15900 Hesperian-San Lorenz T0600100302 C-2

LLI Sample # WW 5930799  
LLI Group # 1186587  
CA

**Project Name:** 90504

Collected: 03/17/2010 13:15 by JH

Account Number: 12099

Submitted: 03/18/2010 08:45

Chevron c/o CRA

Reported: 03/26/2010 at 10:02

Suite 110

Discard: 04/26/2010

2000 Opportunity Drive  
Roseville CA 95678

05042

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B ug/l</b>					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B ug/l</b>					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

### General Sample Comments

State of California Lab Certification No. 2501  
Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100804AA	03/22/2010 04:21	Florida A Cimino	1
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100804AA	03/22/2010 04:21	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	10081A20A	03/22/2010 19:00	Carrie E Miller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10081A20A	03/22/2010 19:00	Carrie E Miller	1





# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-856-2681 • www.lancasterlabs.com

Sample Description: C-3-W-100317 Grab Water

Facility# 90504 Job# 385259 MTI# 61H-1641 GRD  
15900 Hesperian-San Lorenz T0600100302 C-3

LLI Sample # WW 5930800

LLI Group # 1186587  
CA

Project Name: 90504

Collected: 03/17/2010 13:50 by JH

Account Number: 12099

Submitted: 03/18/2010 08:45

Chevron c/o CRA

Reported: 03/26/2010 at 10:02

Suite 110

Discard: 04/26/2010

2000 Opportunity Drive  
Roseville CA 95678

05043

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B ug/l</b>					
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B ug/l</b>					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

### General Sample Comments

State of California Lab Certification No. 2501

Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100804AA	03/22/2010 04:44	Florida A Cimino	1
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100804AA	03/22/2010 04:44	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	10082A07A	03/23/2010 14:16	Elizabeth J Marin	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10082A07A	03/23/2010 14:16	Elizabeth J Marin	1



# Analysis Report

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

Sample Description: C-7-W-100317 Grab Water  
Facility# 90504 Job# 385259 MTI# 61H-1641 GRD  
15900 Hesperian-San Lorenz T0600100302 C-7

LLI Sample # WW 5930801  
LLI Group # 1186587  
CA

Project Name: 90504

Collected: 03/17/2010 11:25 by JH

Account Number: 12099

Submitted: 03/18/2010 08:45

Chevron c/o CRA

Reported: 03/26/2010 at 10:02

Suite 110

Discard: 04/26/2010

2000 Opportunity Drive  
Roseville CA 95678

05047

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles SW-846 8260B</b>					
10943	Benzene	71-43-2	N.D.	0.5 ug/l	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
<b>GC Volatiles SW-846 8015B</b>					
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50 ug/l	1

### General Sample Comments

State of California Lab Certification No. 2501  
Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100821AA	03/23/2010 22:15	Florida A Cimino	1
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100821AA	03/23/2010 22:15	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	10082A07A	03/23/2010 14:43	Elizabeth J Marin	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10082A07A	03/23/2010 14:43	Elizabeth J Marin	1



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-856-2300 Fax: 717-856-2681 • www.lancasterlabs.com

**Sample Description:** C-8-W-100317 Grab Water  
 Facility# 90504 Job# 385259 MTI# 61H-1641 GRD  
 15900 Hesperian-San Lorenz T0600100302 C-8

LLI Sample # WW 5930802  
 LLI Group # 1186587  
 CA

**Project Name:** 90504

Collected: 03/17/2010 12:00 by JH

Account Number: 12099

Submitted: 03/18/2010 08:45

Chevron c/o CRA

Reported: 03/26/2010 at 10:02

Suite 110

Discard: 04/26/2010

2000 Opportunity Drive  
 Roseville CA 95678

05048

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles</b>			ug/l	ug/l	
10943	Benzene	71-43-2	1	0.5	1
10943	Ethylbenzene	100-41-4	51	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	0.8	0.5	1
10943	Xylene (Total)	1330-20-7	11	0.5	1
<b>GC Volatiles</b>			ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	8,700	250	5

### General Sample Comments

State of California Lab Certification No. 2501  
 Trip blank vials were not received by the laboratory for this sample group.

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

### Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D100804AA	03/22/2010 05:29	Florida A Cimino	1
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D100804AA	03/22/2010 05:29	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	10082A07A	03/23/2010 22:44	Elizabeth J Marin	5
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10082A07A	03/23/2010 22:44	Elizabeth J Marin	5

## Quality Control Summary

 Client Name: Chevron c/o CRA  
 Reported: 03/26/10 at 10:02 AM

Group Number: 1186587

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

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: D100804AA	Sample number(s): 5930798-5930800, 5930802							
Benzene	N.D.	0.5	ug/l	101		79-120		
Ethylbenzene	N.D.	0.5	ug/l	102		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	101		76-120		
Toluene	N.D.	0.5	ug/l	103		79-120		
Xylene (Total)	N.D.	0.5	ug/l	107		80-120		
Batch number: D100821AA	Sample number(s): 5930801							
Benzene	N.D.	0.5	ug/l	94		79-120		
Ethylbenzene	N.D.	0.5	ug/l	100		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	101		76-120		
Toluene	N.D.	0.5	ug/l	98		79-120		
Xylene (Total)	N.D.	0.5	ug/l	103		80-120		
Batch number: 10081A20A	Sample number(s): 5930798-5930799							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	91	75-135	10	30
Batch number: 10082A07A	Sample number(s): 5930800-5930802							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	118	118	75-135	0	30

### Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: D100804AA	Sample number(s): 5930798-5930800, 5930802 UNSPK: P929537								
Benzene	114	103	80-126	10	30				
Ethylbenzene	116	105	71-134	10	30				
Methyl Tertiary Butyl Ether	115	102	72-126	9	30				
Toluene	116	106	80-125	9	30				
Xylene (Total)	120	108	79-125	10	30				
Batch number: D100821AA	Sample number(s): 5930801 UNSPK: P932260								
Benzene	110	112	80-126	2	30				
Ethylbenzene	112	114	71-134	1	30				
Methyl Tertiary Butyl Ether	114	117	72-126	2	30				
Toluene	113	113	80-125	0	30				
Xylene (Total)	113	116	79-125	2	30				
Batch number: 10081A20A	Sample number(s): 5930798-5930799 UNSPK: 5930798								
TPH-GRO N. CA water C6-C12	90		63-154						

\*- Outside of specification

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

## Quality Control Summary

 Client Name: Chevron c/o CRA  
 Reported: 03/26/10 at 10:02 AM

Group Number: 1186587

### Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 10082A07A									
TPH-GRO N. CA water C6-C12									
				Sample number(s):					
				127	5930800-5930802 UNSPK: 5930800				
					63-154				

### Surrogate Quality Control

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

 Analysis Name: UST VOCs by 8260B - Water  
 Batch number: D100804AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5930798	100	95	100	100
5930799	98	97	101	100
5930800	99	93	100	101
5930802	97	95	97	108
Blank	99	96	99	99
LCS	100	99	100	101
MS	101	97	99	102
MSD	101	98	99	102
Limits:	80-116	77-113	80-113	78-113

 Analysis Name: UST VOCs by 8260B - Water  
 Batch number: D100821AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5930801	97	96	101	99
Blank	98	98	100	97
LCS	99	98	100	95
MS	101	104	101	101
MSD	100	101	101	101
Limits:	80-116	77-113	80-113	78-113

 Analysis Name: TPH-GRO N. CA water C6-C12  
 Batch number: 10081A20A  
 Trifluorotoluene-F

5930798	79
5930799	93
Blank	89
LCS	113
LCSD	104
MS	110
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12

#### \* - Outside of specification

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

## Quality Control Summary

Client Name: Chevron c/o CRA  
Reported: 03/26/10 at 10:02 AM

Group Number: 1186587

### Surrogate Quality Control

Batch number: 10082A07A  
Trifluorotoluene-F

5930800	102
5930801	100
5930802	181*
Blank	105
LCS	116
LCSD	116
MS	116

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Limits: 63-135

\*- Outside of specification

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

## Lancaster Laboratories Explanation of Symbols and Abbreviations

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

<b>N.D.</b>	none detected	<b>BMQL</b>	Below Minimum Quantitation Level
<b>TNTC</b>	Too Numerous To Count	<b>MPN</b>	Most Probable Number
<b>IU</b>	International Units	<b>CP Units</b>	cobalt-chloroplatinate units
<b>umhos/cm</b>	micromhos/cm	<b>NTU</b>	nephelometric turbidity units
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>Cal</b>	(diet) calories	<b>lb.</b>	pound(s)
<b>meq</b>	milliequivalents	<b>kg</b>	kilogram(s)
<b>g</b>	gram(s)	<b>mg</b>	milligram(s)
<b>ug</b>	microgram(s)	<b>l</b>	liter(s)
<b>ml</b>	milliliter(s)	<b>ul</b>	microliter(s)
<b>m3</b>	cubic meter(s)	<b>fib &gt;5 um/ml</b>	fibers greater than 5 microns in length per ml
<b>&lt;</b>	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>ppm</b>	parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA data qualifiers:

Organic Qualifiers	Inorganic Qualifiers
<b>A</b> TIC is a possible aldol-condensation product	<b>B</b> Value is <CRDL, but ≥IDL
<b>B</b> Analyte was also detected in the blank	<b>E</b> Estimated due to interference
<b>C</b> Pesticide result confirmed by GC/MS	<b>M</b> Duplicate injection precision not met
<b>D</b> Compound quantitated on a diluted sample	<b>N</b> Spike amount not within control limits
<b>E</b> Concentration exceeds the calibration range of the instrument	<b>S</b> Method of standard additions (MSA) used for calculation
<b>J</b> Estimated value	<b>U</b> Compound was not detected
<b>N</b> Presumptive evidence of a compound (TICs only)	<b>W</b> Post digestion spike out of control limits
<b>P</b> Concentration difference between primary and confirmation columns >25%	<b>*</b> Duplicate analysis not within control limits
<b>U</b> Compound was not detected	<b>+</b> Correlation coefficient for MSA <0.995
<b>X,Y,Z</b> Defined in case narrative	

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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