



Olivia Skance  
Team Lead  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6101 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 790-6521

February 13, 2012

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

**RECEIVED**

**11:13 am, Feb 16, 2012**

Alameda County  
Environmental Health

Re: Chevron Facility # 9-7127

Address: Grant Line Road and Interstate 580, Tracy, California

I have reviewed the attached report titled Second Semi-Annual 2011 Groundwater Monitoring Report and dated February 13, 2012.

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,

Olivia Skance  
Project Manager

Enclosure: Report



**CONESTOGA-ROVERS  
& ASSOCIATES**

10969 Trade Center Drive  
Rancho Cordova, California 95670  
Telephone: (916) 889-8900 Fax: (916) 889-8999  
[www.CRAworld.com](http://www.CRAworld.com)

February 13, 2012

Reference No. 631656

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

Re: Second Semi-Annual 2011 Groundwater Monitoring Report  
Former Chevron Service Station 9-7127  
I-580 and Grant Line Road  
Tracy, California  
Case No. RO0000185

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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 December 22, 2011) presents the results of the second semi-annual 2011 event, including the sampling of recently installed wells MW-9 through MW-15. Wells MW-1, MW-3, MW-4, and MW-6 are sampled semi-annually during the second and fourth quarters; wells MW-2, MW-5, and MW-7 are sampled annually during the second quarter; and the water-supply well is sampled annually during the fourth quarter. Sampling of well MW-8 has been discontinued due to a damaged well casing. Please note that wells MW-1 and MW-3 were not sampled during the current event due to the presence of light non-aqueous phase liquid (LNAPL). Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the second semi-annual 2011 analytical results along with a rose diagram. The monitoring results during 2011 are discussed below.

During 2011, LNAPL was detected in MW-1 at thicknesses of 0.2 feet and 1.53 feet, consistent with typical fluctuations. LNAPL was also detected in MW-3 at a thickness of 0.04 feet during both events of 2011; LNAPL has been present in MW-3 since 2009, but the current thickness is the lowest observed since that time. Total petroleum hydrocarbons as gasoline (TPHg) (up to 1,400 micrograms per liter [ $\mu\text{g}/\text{L}$ ]) and benzene (up to 140  $\mu\text{g}/\text{L}$ ) were detected in MW-4 during 2011; the concentrations are consistent with historical fluctuations. Low concentrations of toluene, ethylbenzene, and xylenes (up to 47  $\mu\text{g}/\text{L}$ ) were also detected in MW-4; methyl tertiary butyl ether (MTBE) was not detected and has not been detected in this well since 2001. TPHg, benzene, toluene, ethylbenzene, and xylenes (BTEX), and MTBE were not detected in MW-2, MW-5, MW-7, or the water-supply well during 2011, and generally have not been detected in these wells throughout the course of monitoring. A low concentration of benzene (1  $\mu\text{g}/\text{L}$ ) was

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February 13, 2012

Reference No. 631656

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detected in MW-6 during the first semi-annual event, as well as low concentrations of MTBE just above the laboratory reporting limit (up to 0.8 µg/L) during both events. As MW-6 is the furthest downgradient well, concentrations will continue to be monitored.

TPHg (ranging from 1,100 to 68,000 µg/L) and benzene (ranging from 150 to 19,000 µg/L) were detected in all seven of the recently installed wells (MW-9 through MW-15); the highest concentrations were detected in MW-14 located in the vicinity of MW-3 downgradient of the former source area. Toluene, ethylbenzene, and xylenes were also detected in each well. MTBE generally was not detected in these wells with the exception of a low concentration (2 µg/L) in MW-13.

Based on the analytical results, impacted groundwater remains beneath the site and in the area of offsite well MW-4; concentrations in MW-4 have remained relatively stable. LNAPL continues to be detected in MW-1 adjacent to the former underground storage tanks (USTs) as well as MW-3. Based on the monitoring results, the extents of LNAPL and impacted groundwater appear to be relatively well-defined. CRA recommends continued monitoring and sampling to further evaluate groundwater quality and concentration trends; and the possible need to repair MW-8. Since MW-9 through MW-15 were just installed, these wells will continue to be sampled quarterly, for at least four quarters.

Remedial efforts to date have been unsuccessful in removing the LNAPL. Most recently, CRA proposed the use of surfactant-enhanced recovery (SER). However, we recommend obtaining two to three more quarters of data from the newly installed wells prior to evaluating appropriate remedial options.



**CONESTOGA-ROVERS  
& ASSOCIATES**

February 13, 2012

Reference No. 631656

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We appreciate your assistance on this project. Please contact Mr. James Kiernan at (916) 889-8917 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES



James P. Kiernan, P.E.

JK/aa/14

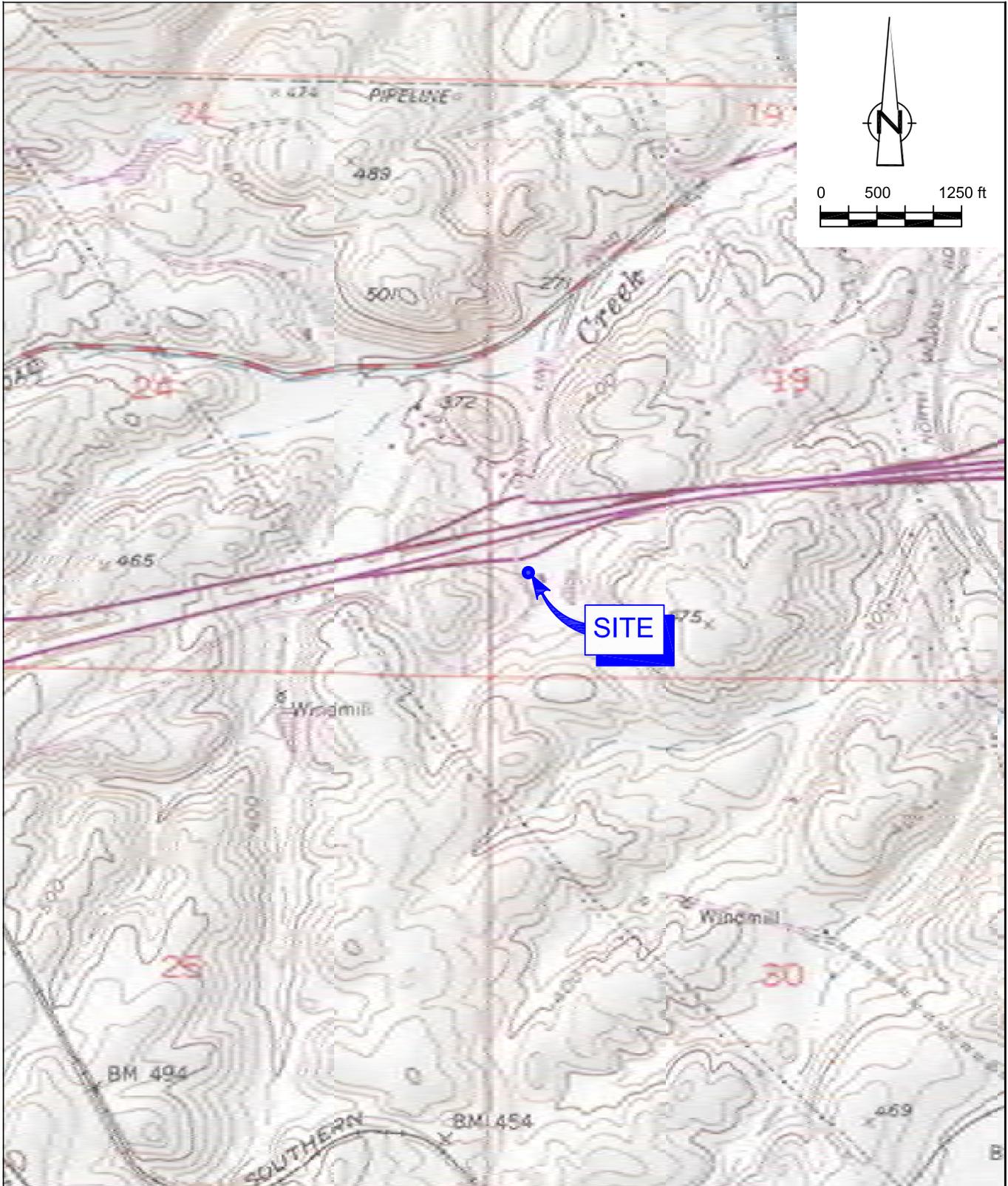
Encl.

Figure 1          Vicinity Map  
Figure 2          Concentration Map

Attachment A    Groundwater Monitoring and Sampling Report

cc:    Ms. Olivia Skance, Chevron (*electronic copy only*)  
      Mr. Ardavan Onsoni, D.M. Livermore, Inc.

## FIGURES



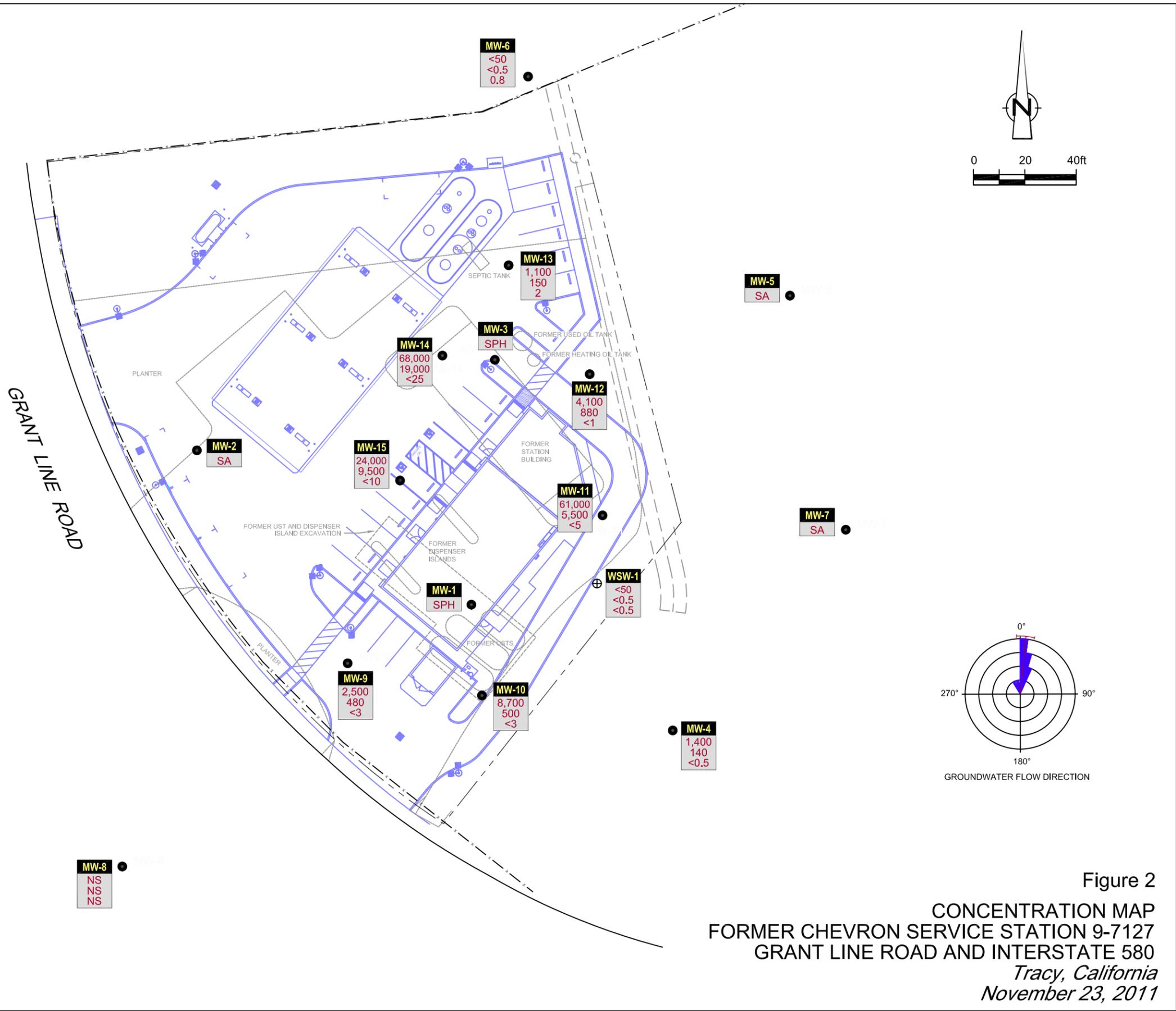
SOURCE: TOPO! MAPS.

Figure 1  
 VICINITY MAP  
 FORMER CHEVRON SERVICE STATION 9-7127  
 GRANT LINE ROAD AND INTERSTATE 580  
 Tracy, California



**LEGEND**

- MONITORING WELL LOCATION
  - ⊕ WATER SUPPLY WELL (LIVESTOCK)
  - WELL** WELL DESIGNATION
  - TPHg** TPHg CONCENTRATION (µg/L)
  - BENZ** BENZENE CONCENTRATION (µg/L)
  - MTBE** MTBE CONCENTRATION (µg/L)
  - SA** SAMPLED ANNUALLY
  - SPH** NOT SAMPLED DUE TO PRESENCE OF SEPARATE PHASE HYDROCARBONS
  - NS** NOT SAMPLED DUE TO WELL DAMAGE
  - <** NOT DETECTED AT OR ABOVE STATED LABORATORY REPORTING LIMIT
- NOTE: PROPOSED FEATURES ARE SHOWN IN BLUE.



**Figure 2**  
**CONCENTRATION MAP**  
**FORMER CHEVRON SERVICE STATION 9-7127**  
**GRANT LINE ROAD AND INTERSTATE 580**  
*Tracy, California*  
*November 23, 2011*



ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT



December 22, 2011  
G-R Job #385251

Ms. Olivia Skance  
Chevron Environmental Management Company  
6101 Bollinger Canyon Road  
San Ramon, CA 94583

**RE: Well Development Event of November 18, 2011  
And Fourth Quarter Event of November 23, 2011**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

Dear Ms. Skance:

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

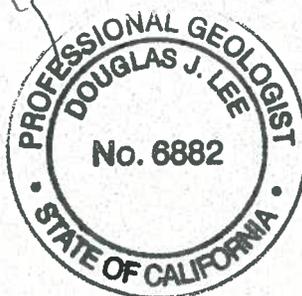
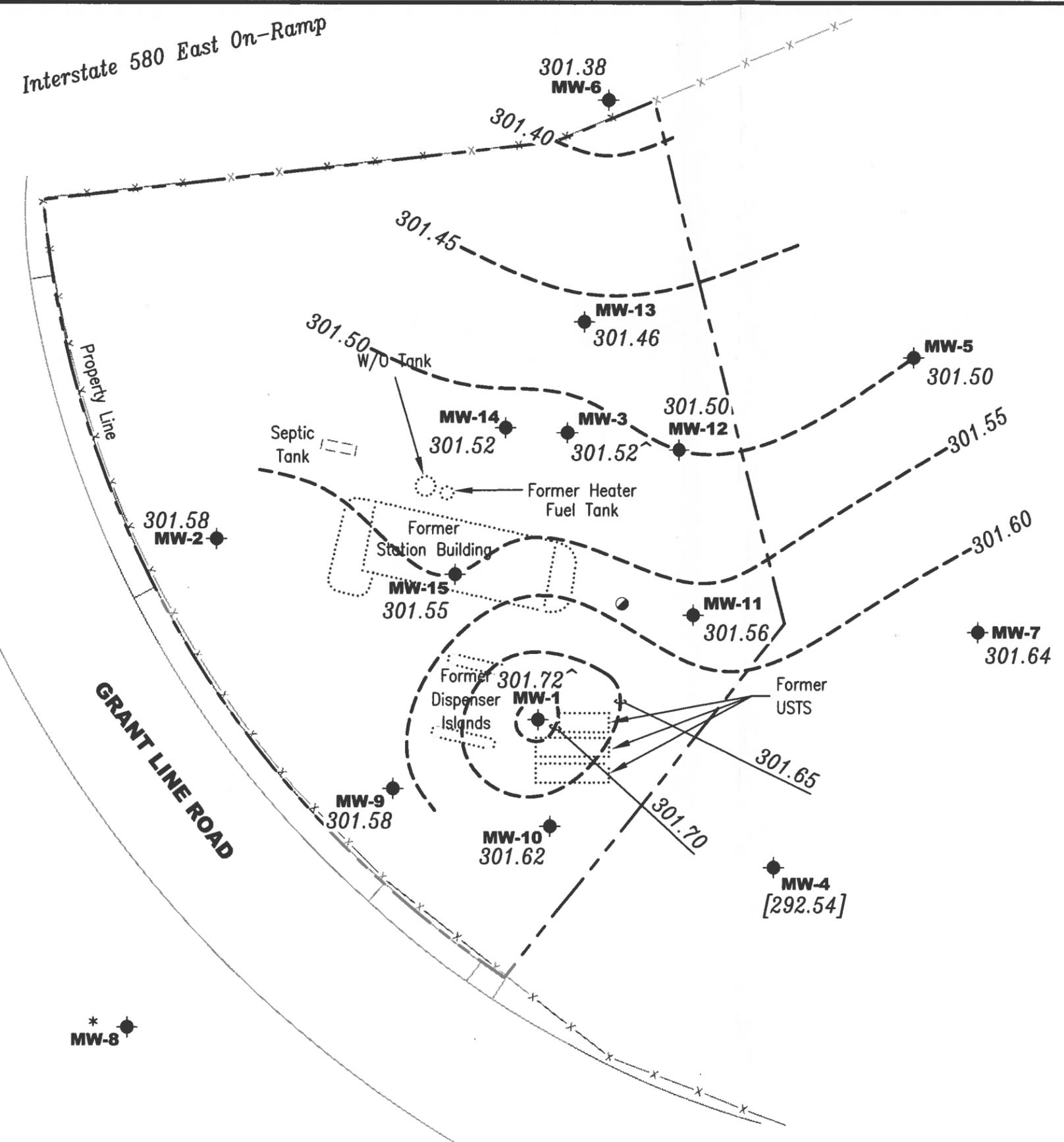


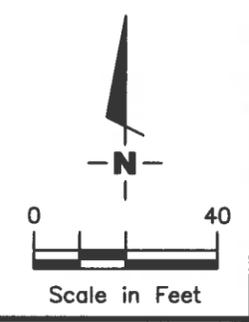
Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Groundwater Analytical Results - Oxygenate Compounds  
Table 3: Groundwater Analytical Results  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody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

**EXPLANATION**

- ◆ Groundwater monitoring well
- Water supply well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 Groundwater elevation contour, dashed where inferred
- [99.99] Not used in contouring
- ^ Groundwater elevation corrected for the presence of separate-phase hydrocarbons
- \* Discontinued from monitoring/sampling program



Approximate groundwater flow direction at a gradient of 0.0008 to 0.0031 Ft./Ft.



Note: The location of former site features are approximate.

Source: Figure modified from drawing provided by Source: Figure modified from drawing provided by VIRGIL CHAVEZ LAND SURVEYING, MONITORING WELL PLAT, DRAWING NO. 305620, approximate former site features from RRM engineering contracting firm circo 2003.

**POTENTIOMETRIC MAP**  
 Former Chevron Service Station #9-7127  
 Interstate 580 and Grant Line Road  
 Tracy, California

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

PROJECT NUMBER 385251  
 DATE November 23, 2011  
 REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH							
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
MW-1												
12/28/92 <sup>25</sup>	329.17	299.73**	30.78	1.67	--	--	--	--	--	--	--	--
02/15/94	329.17	299.40	29.77	--	--	99,000	20,000	24,000	2000	9800	--	--
04/21/94	329.17	299.32	29.85	--	--	--	--	--	--	--	--	--
06/01/94	329.17	299.25	29.92	--	--	56,000	12,000	15,000	1100	5800	--	--
06/28/94	329.17	299.02	30.15	--	--	--	--	--	--	--	--	--
07/19/94	329.17	308.87	20.30	--	--	--	--	--	--	--	--	--
09/02/94	329.17	298.96	30.61	0.50	--	--	--	--	--	--	--	--
09/12/94	329.17	298.04	31.66	0.66	--	--	--	--	--	--	--	--
10/12/94	329.17	298.70	31.70	1.54	--	--	--	--	--	--	--	--
11/30/94	329.17	299.84	29.95	0.77	--	--	--	--	--	--	--	--
03/09/95	329.17	299.88	29.54	0.31	--	--	--	--	--	--	--	--
04/18/95	329.17	300.16	29.01	--	--	--	--	--	--	--	--	--
05/17/95	329.17	300.08	29.09	--	--	130,000	22,000	30,000	2000	10,000	--	--
06/07/95	329.17	299.93	29.24	--	--	--	--	--	--	--	--	--
07/21/95	329.17	299.51	29.66	--	--	--	--	--	--	--	--	--
08/15/95	329.17	299.30	29.87	--	--	41,000	9400	12,000	1400	7700	--	--
09/07/95	329.17	299.32	29.85	--	--	--	--	--	--	--	--	--
10/09/95	329.17	299.16	30.01	--	--	--	--	--	--	--	--	--
11/15/95	329.17	299.29	29.88	--	--	68,000	15,000	9600	1100	5500	<2000	--
12/30/95	329.17	299.18	29.99	--	--	--	--	--	--	--	--	--
01/29/96	329.17	299.85	29.32	--	--	--	--	--	--	--	--	--
02/27/96	329.17	300.66	28.51	--	--	520	48	71	<0.5	27	28	--
03/05/96	329.17	300.73	28.44	--	--	--	--	--	--	--	--	--
04/23/96	329.17	300.97	28.20	--	--	--	--	--	--	--	--	--
05/30/96	329.17	300.70	28.47	--	--	57,000	15,000	11,000	1100	4900	<250	--
06/19/96	329.17	300.74	28.43	--	--	--	--	--	--	--	--	--
07/15/96	329.17	300.51	28.66	--	--	--	--	--	--	--	--	--
08/27/96	329.17	300.44	28.73	--	--	74,000	11,000	9500	790	3600	<120	--
09/09/96	329.17	300.32	28.85	--	--	--	--	--	--	--	--	--
10/28/96	329.17	300.64	28.53	--	--	--	--	--	--	--	--	--
11/11/96	329.17	300.40	28.77	--	--	69,000	13,000	9100	810	3200	<250	--
05/06/97	329.17	301.05	28.12	--	--	98,000	23,000	17,000	1100	5200	<500	--
07/27/97	329.17	300.99	28.18	--	--	--	--	--	--	--	--	--
11/18/97	329.17	300.44	28.73	--	--	58,000	19,000	9700	1100	4000	<500	--
05/31/98	329.17	302.14	27.03	0.05	--	180,000	25,000	25,000	1700	9300	19,000	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						X (µg/L)	MTBE (µg/L)
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)			
<b>MW-1 (cont)</b>												
05/31/98 <sup>3</sup>	329.17	302.14	27.03	0.05	--	--	--	--	--	--	--	<500
08/12/98 <sup>2</sup>	329.17	301.99	27.18	--	--	--	--	--	--	--	--	--
11/23/98	329.17	301.63	27.54	--	--	131,000	14,600	23,700	1990	13,600	--	<200
05/11/99 <sup>2,7</sup>	329.17	301.89	27.28	--	--	--	--	--	--	--	--	--
11/24/99	329.17	301.22 <sup>8</sup>	28.11	>0.2	0.26	--	--	--	--	--	--	--
05/23/00 <sup>1</sup>	329.17	302.34**	27.61	0.97	0.52 <sup>13</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
10/31/00	329.17	301.47**	28.35	0.81	0.26 <sup>13</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
05/18/01	329.17	301.27**	28.62	0.90	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
11/16/01 <sup>15</sup>	329.17	300.63**	28.57	0.04	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
07/01/02 <sup>15</sup>	329.17	300.38**	29.36	0.71	0.50 <sup>13</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
11/08/02 <sup>15</sup>	329.17	300.07**	29.82	0.90	0.13 <sup>13</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
06/13/03 <sup>15</sup>	329.17	300.59**	28.83	0.31	1.85 <sup>18</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
11/20/03	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--	--
05/18/04	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--	--
11/19/04	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--	--
05/03/05	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--	--
11/28/05	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--	--
05/25/06	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--	--
11/21/06	329.17	INACCESSIBLE - ATTACHED TO A SOLAR POWERED BELT SKIMMER						--	--	--	--	--
05/09/07	329.17	299.78**	29.70	0.39	1.30 <sup>13</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
11/17/07	329.17	299.68**	30.83	1.67	1.69 <sup>13</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
04/30/08	329.17	298.29**	31.54	0.83	0.53 <sup>13</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
11/26/08	329.17	298.73**	31.90	1.82	0.79 <sup>23</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
05/22/09 <sup>24</sup>	329.17	298.00**	31.95	0.97	1.29 <sup>13</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
11/24/09	329.17	298.38**	32.06	1.59	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
05/25/10	329.17	299.19**	30.68	0.88	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
11/29/10	329.17	299.64**	31.67	2.68	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
05/02/11	329.17	299.70**	29.63	0.20	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
11/23/11	331.93	301.72**	31.43	1.53	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH						--
<b>MW-2</b>												
12/28/92 <sup>25</sup>	327.22	298.63	28.59	--	--	<50	<0.4	<0.3	<0.3	0.6	--	--
02/15/94	327.22	300.13	27.09	--	--	83	21	6.0	1.0	3.0	--	--
04/21/94	327.22	299.41	27.81	--	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-2 (cont)</b>											
06/01/94	327.22	299.24	27.98	--	--	<50	1.3	0.5	<0.5	<0.5	--
06/28/94	327.22	299.05	28.17	--	--	--	--	--	--	--	--
07/19/94	327.22	298.87	28.35	--	--	--	--	--	--	--	--
09/02/94	327.22	298.70	28.52	--	--	82	13	16	3.6	14	--
09/12/94	327.22	298.66	28.56	--	--	--	--	--	--	--	--
10/12/94	327.22	298.60	28.62	--	--	--	--	--	--	--	--
11/30/94	327.22	298.84	28.38	--	--	<50	3.6	4.5	1.0	4.5	--
03/09/95	327.22	299.81	27.41	--	--	--	--	--	--	--	--
04/18/95	327.22	300.43	26.79	--	--	--	--	--	--	--	--
05/17/95	327.22	300.27	26.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/07/95	327.22	300.16	27.06	--	--	--	--	--	--	--	--
07/21/95	327.22	299.75	27.47	--	--	--	--	--	--	--	--
08/15/95	327.22	299.65	27.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/95	327.22	298.53	28.69	--	--	--	--	--	--	--	--
10/09/95	327.22	299.37	27.85	--	--	--	--	--	--	--	--
11/15/95	327.22	299.31	27.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/30/95	327.22	299.62	27.60	--	--	--	--	--	--	--	--
01/29/96	327.22	300.06	27.16	--	--	--	--	--	--	--	--
02/27/96	327.22	300.97	26.25	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/05/96	327.22	300.52	26.70	--	--	--	--	--	--	--	--
04/23/96	327.22	301.40	25.82	--	--	--	--	--	--	--	--
05/30/96	327.22	301.06	26.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/19/96	327.22	300.95	26.27	--	--	--	--	--	--	--	--
07/15/96	327.22	300.76	26.46	--	--	--	--	--	--	--	--
08/27/96	327.22	300.50	26.72	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/06/96	327.22	300.42	26.80	--	--	--	--	--	--	--	--
10/28/96	327.22	300.39	26.83	--	--	--	--	--	--	--	--
11/11/96	327.22	300.50	26.72	--	--	--	--	--	--	--	--
05/06/97	327.22	301.21	26.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	327.22	300.84	26.38	--	--	--	--	--	--	--	--
11/18/97	327.22	300.72	26.50	--	--	--	--	--	--	--	--
05/31/98	327.22	302.75	24.47	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	327.22	302.28	24.94	--	--	SAMPLED ANNUALLY		--	--	--	--
05/11/99	327.22	302.73	24.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	327.22	302.19	25.03	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-2 (cont)</b>											
10/31/00	327.22	301.30	25.92	0.00	0.00	--	--	--	--	--	--
05/18/01	327.22	301.14	26.08	0.00	0.00	<50	0.52	2.6	<0.50	1.9	<2.5
11/16/01	327.22	300.41	26.81	0.00	0.00	--	--	--	--	--	--
07/01/02	327.22	300.25	26.97	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	327.22	299.92	27.30	0.00	0.00	--	--	--	--	--	--
06/13/03 <sup>19</sup>	327.22	300.49	26.73	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03	327.22	300.74	26.48	0.00	0.00	--	--	--	--	--	--
05/18/04 <sup>19</sup>	327.22	300.14	27.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04	327.22	300.52	26.70	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/03/05 <sup>19</sup>	327.22	299.97	27.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05	327.22	299.77	27.45	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/25/06 <sup>19</sup>	327.22	300.62	26.60	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06	327.22	300.21	27.01	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/09/07 <sup>19</sup>	327.22	299.68	27.54	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07	327.22	300.11	27.11	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
04/30/08 <sup>19</sup>	327.22	299.35	27.87	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08	327.22	298.52	28.70	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/22/09 <sup>19</sup>	327.22	299.02	28.20	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09	327.22	298.44	28.78	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/25/10 <sup>19</sup>	327.22	299.15	28.07	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/10	327.22	298.52	28.70	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/02/11 <sup>19</sup>	327.22	299.69	27.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/23/11	329.98	301.58	28.40	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
<b>MW-3</b>											
12/28/92 <sup>25</sup>	329.28	298.59	30.69	--	--	19,000	8,900	660	380	720	--
02/15/94	329.28	299.41	29.87	--	--	23,000	11,000	1700	540	1000	--
04/21/94	329.28	299.32	29.96	--	--	--	--	--	--	--	--
06/01/94	329.28	299.17	30.11	--	--	27,000	12,000	2600	600	2200	--
06/28/94	329.28	298.97	30.31	--	--	--	--	--	--	--	--
07/19/94	329.28	298.78	30.50	--	--	--	--	--	--	--	--
09/02/94	329.28	298.67	30.61	--	--	34,000	16,000	4100	770	3000	--
09/12/94	329.28	298.63	30.65	--	--	--	--	--	--	--	--
10/12/94	329.28	298.54	30.74	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH							
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
MW-3 (cont)												
11/30/94	329.28	298.84	30.44	--	--	33,000	16,000	3000	740	2400	--	
03/09/95	329.28	299.75	29.53	--	--	--	--	--	--	--	--	
04/18/95	329.28	300.31	28.97	--	--	--	--	--	--	--	--	
05/17/95	329.28	300.09	29.19	--	--	27,000	10,000	760	490	1000	--	
06/07/95	329.28	300.04	29.24	--	--	--	--	--	--	--	--	
07/21/95	329.28	299.58	29.70	--	--	--	--	--	--	--	--	
08/15/95	329.28	299.50	29.78	--	--	39,000	13,000	2900	700	1700	--	
09/07/95	329.28	299.42	29.86	--	--	--	--	--	--	--	--	
10/09/95	329.28	299.26	30.02	--	--	--	--	--	--	--	--	
11/15/95	329.28	299.22	30.06	--	--	21,000	8000	2900	430	1500	<1000	
12/30/95	329.28	299.53	29.75	--	--	--	--	--	--	--	--	
01/29/96	329.28	300.06	29.22	--	--	--	--	--	--	--	--	
02/27/96	329.28	300.85	28.43	--	--	<2500	5000	500	220	130	710	
03/05/96	329.28	300.93	28.35	--	--	--	--	--	--	--	--	
04/23/96	329.28	301.18	28.10	--	--	--	--	--	--	--	--	
05/30/96	329.28	300.86	28.42	--	--	37,000	13,000	7200	870	2900	<120	
06/19/96	329.28	300.77	28.51	--	--	--	--	--	--	--	--	
07/15/96	329.28	300.65	28.63	--	--	--	--	--	--	--	--	
08/27/96	329.28	300.38	28.90	--	--	50,000	9500	6900	740	2900	<120	
09/06/96	329.28	300.30	28.98	--	--	--	--	--	--	--	--	
10/28/96	329.28	300.30	28.98	--	--	--	--	--	--	--	--	
11/11/96	329.28	300.44	28.84	--	--	52,000	11,000	5500	780	3000	<250	
05/06/97	329.28	301.06	28.22	--	--	93,000	23,000	15,000	1400	6200	<500	
07/27/97	329.28	300.70	28.58	--	--	--	--	--	--	--	--	
11/18/97	329.28	300.58	28.70	--	--	81,000	29,000	17,000	1600	6700	<500	
05/31/98	329.28	302.60	26.68	--	--	78,000	24,000	12,000	1200	5800	1300	
05/31/98 <sup>3</sup>	329.28	302.60	26.68	--	--	--	--	--	--	--	<500	
08/12/98 <sup>2</sup>	329.28	302.25	27.03	--	--	--	--	--	--	--	--	
11/23/98	329.28	302.19	27.09	--	--	97,200	17,900	12,800	1200	6950	<100	
05/11/99 <sup>2</sup>	329.28	302.60	26.68	--	--	51,000	18,000	7800	670	3600	<2.5	
05/11/99 <sup>3</sup>	329.28	302.60	26.68	--	--	--	--	--	--	--	<100	
11/24/99	329.28	301.83	27.45	--	--	62,800	16,600	8300	900	4890	<500	
05/23/00 <sup>1</sup>	329.28	302.11	27.17	0.00	0.00	27,000 <sup>7</sup>	14,000	12,000	940	4,600	770	
10/31/00 <sup>1</sup>	329.28	301.27	28.01	0.00	0.00	110,000 <sup>10</sup>	25,700	21,300	1,300	7,320	1,680	
05/18/01 <sup>1</sup>	329.28	301.07	28.21	0.00	0.00	58,000 <sup>7</sup>	19,000	16,000	1,400	7,000	2,300/11 <sup>14</sup>	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						MTBE (µg/L)
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
<b>MW-3 (cont)</b>											
11/16/01 <sup>1</sup>	329.28	300.41	28.87	0.00	0.00	100,000	23,000	16,000	1,400	6,800	<200
07/01/02 <sup>1</sup>	329.28	300.20	29.08	0.00	0.00	75,000	16,000	8,800	980	4,000	140/<10 <sup>17</sup>
11/08/02	329.28	299.89	29.39	0.00	0.00	45,000	9,800	5,800	590	2,400	<50
06/13/03 <sup>19,20</sup>	329.28	300.46	28.82	0.00	0.00	42,000	9,100	4,100	580	1,800	5
11/20/03 <sup>19</sup>	329.28	300.51	28.77	0.00	0.00	52,000	12,000	4,500	660	3,200	5
05/18/04 <sup>19</sup>	329.28	300.07	29.21	0.00	0.00	57,000	15,000	5,700	840	3,400	9
11/19/04 <sup>19</sup>	329.28	300.42	28.86	0.00	0.00	67,000	15,000	4,200	850	3,400	7
05/03/05 <sup>19</sup>	329.28	299.88	29.40	0.00	0.00	54,000	13,000	3,400	690	2,600	<10
11/28/05 <sup>19</sup>	329.28	299.72	29.56	0.00	0.00	56,000	16,000	1,800	950	3,500	<25
05/25/06 <sup>19</sup>	329.28	300.47	28.81	0.00	0.00	38,000	9,400	1,800	680	2,100	<5
11/21/06 <sup>19</sup>	329.28	300.06	29.22	0.00	0.00	27,000	10,000	420	650	1,600	<5
05/09/07 <sup>19</sup>	329.28	299.55	29.73	0.00	0.00	40,000	9,200	660	590	1,300	<10
11/17/07 <sup>19</sup>	329.28	298.90	30.38	0.00	0.00	22,000	9,200	86	610	560	3
04/30/08 <sup>19</sup>	329.28	299.46	29.82	0.00	0.00	19,000	8,300	440	510	620	<5
11/26/08 <sup>19</sup>	329.28	298.55	30.73	0.00	0.00	20,000	7,500	230	470	640	<10
05/22/09	329.28	299.28**	30.58	0.72	0.90 <sup>13</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/24/09	329.28	298.90**	31.16	0.98	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/25/10	329.28	299.10**	30.38	0.25	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/29/10	329.28	299.05**	30.72	0.61	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/02/11	329.28	299.63**	29.68	0.04	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/23/11	332.03	301.52**	30.54	0.04	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
<b>MW-4</b>											
05/21/93	--	--	--	--	--	<50	12	2.0	<0.5	1.0	--
11/05/93	--	--	--	--	--	300	56	10	0.8	3.0	--
02/15/94	329.44	299.54	29.90	--	--	260	47	12	2.0	4.0	--
04/21/94	329.44	299.45	29.99	--	--	--	--	--	--	--	--
06/01/94	329.44	299.30	30.14	--	--	860	200	23	2.8	9.6	--
06/28/94	329.44	299.12	30.32	--	--	--	--	--	--	--	--
07/19/94	329.44	298.94	30.50	--	--	--	--	--	--	--	--
09/02/94	329.44	298.82	30.62	--	--	1700	250	27	6.4	15	--
09/12/94	329.44	298.75	30.69	--	--	--	--	--	--	--	--
10/12/94	329.44	298.69	30.75	--	--	--	--	--	--	--	--
11/30/94	329.44	298.93	30.51	--	--	830	350	29	8.1	22	--

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Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH							
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
MW-4 (cont)												
03/09/95	329.44	299.83	29.61	--	--	--	--	--	--	--	--	--
04/18/95	329.44	300.36	29.08	--	--	--	--	--	--	--	--	--
05/17/95	329.44	300.22	29.22	--	--	470	200	2.2	0.9	2.1	--	--
06/07/95	329.44	300.17	29.27	--	--	--	--	--	--	--	--	--
07/21/95	329.44	299.72	29.72	--	--	--	--	--	--	--	--	--
08/15/95	329.44	299.67	29.77	--	--	100	4.2	0.8	<0.5	<0.5	--	--
09/07/95	329.44	299.59	29.85	--	--	--	--	--	--	--	--	--
10/09/95	329.44	299.42	30.02	--	--	--	--	--	--	--	--	--
11/15/95	329.44	299.39	30.05	--	--	270	94	9.4	0.77	4.3	27	--
12/30/95	329.44	299.65	29.79	--	--	--	--	--	--	--	--	--
01/29/96	329.44	300.13	29.31	--	--	--	--	--	--	--	--	--
02/27/96	329.44	300.86	28.58	--	--	690	100	15	<0.5	2.0	79	--
03/05/96	329.44	300.89	28.55	--	--	--	--	--	--	--	--	--
04/23/96	329.44	301.29	28.15	--	--	--	--	--	--	--	--	--
05/30/96	329.44	301.04	28.40	--	--	700	240	4.0	0.6	3.9	<5.0	--
06/19/96	329.44	300.97	28.47	--	--	--	--	--	--	--	--	--
07/15/96	329.44	300.82	28.62	--	--	--	--	--	--	--	--	--
08/27/96	329.44	300.59	28.85	--	--	<50	11	<0.5	<0.5	<0.5	<5.0	--
09/06/96	329.44	300.52	28.92	--	--	--	--	--	--	--	--	--
10/28/96	329.44	300.54	28.90	--	--	--	--	--	--	--	--	--
11/11/96	329.44	300.66	28.78	--	--	240	57	1.4	0.7	1.8	<5.0	--
05/06/97	329.44	301.33	28.11	--	--	240	74	2.7	<0.5	1.6	<5.0	--
07/27/97	329.44	301.01	28.43	--	--	--	--	--	--	--	--	--
11/18/97	329.44	300.86	28.58	--	--	270	230	3.5	1.0	1.6	<2.5	--
05/31/98	329.44	302.91	26.53	--	--	1000	450	3.4	4.5	<6.0	<20	--
08/12/98 <sup>2</sup>	329.44	302.62	26.82	--	--	--	--	--	--	--	--	--
11/23/98 <sup>6</sup>	329.44	305.52	23.92	--	--	--	--	--	--	--	--	--
12/23/98 <sup>6</sup>	329.44	305.25	24.19	--	--	--	--	--	--	--	--	--
05/11/99 <sup>2</sup>	329.44	306.24	23.20	--	--	470	260	2.6	<0.5	4.3	35	--
05/11/99 <sup>3</sup>	329.44	306.24	23.20	--	--	--	--	--	--	--	<2.0	--
11/24/99	329.44	306.41	23.03	--	--	2400	562	<5.0	10.7	10.4	38.1	--
5/23/00 <sup>1</sup>	329.44	305.30	24.14	0.00	0.00	370 <sup>8</sup>	470 <sup>9</sup>	1.1	9.7	5.9	84	--
10/31/00 <sup>1</sup>	329.44	304.42	25.02	0.00	0.00	672 <sup>11</sup>	224	<5.00	<5.00	<15.0	<25.0	--
05/18/01 <sup>1</sup>	329.44	304.23	25.21	0.00	0.00	230 <sup>7</sup>	37	<0.50	1.3	0.95	22/2.1 <sup>14</sup>	--
11/16/01 <sup>16</sup>	329.44	303.53	25.91	0.00	0.00	290	36	<0.50	<0.50	<1.5	<2.5	--

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Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-4 (cont)</b>											
07/01/02	329.44	303.33	26.11	0.00	0.00	410	60	<0.50	2.1	<1.5	<2.5
11/08/02	329.44	303.01	26.43	0.00	0.00	64	7.0	<0.50	<0.50	<1.5	<2.5
06/13/03 <sup>19</sup>	329.44	302.58	26.86	0.00	0.00	79	4	<0.5	<0.5	<0.5	<0.5
11/20/03 <sup>19</sup>	329.44	302.81	26.63	0.00	0.00	350	36	<0.5	2	0.7	<0.5
05/18/04 <sup>19</sup>	329.44	303.13	26.31	0.00	0.00	160	22	<0.5	2	1	<0.5
11/19/04 <sup>19</sup>	329.44	302.56	26.88	0.00	0.00	480	93	2	4	4	<0.5
05/03/05 <sup>19</sup>	329.44	302.96	26.48	0.00	0.00	180	40	0.8	1	1	<0.5
11/28/05 <sup>19</sup>	329.44	302.76	26.68	0.00	0.00	630	96	2	5	5	<0.5
05/25/06 <sup>19</sup>	329.44	303.59	25.85	0.00	0.00	2,400	490	11	33	21	<0.5
11/21/06 <sup>19</sup>	329.44	303.16	26.28	0.00	0.00	<50	3	<0.5	<0.5	<0.5	<0.5
05/09/07 <sup>19</sup>	329.44	302.69	26.75	0.00	0.00	940	170	5	9	11	<0.5
11/17/07 <sup>19</sup>	329.44	302.03	27.41	0.00	0.00	580	150	5	4	7	<0.5
04/30/08 <sup>19</sup>	329.44	302.44	27.00	0.00	0.00	73	15	0.6	0.7	0.9	<0.5
11/26/08 <sup>19</sup>	329.44	301.52	27.92	0.00	0.00	530	63	6	5	10	<0.5
05/22/09 <sup>19</sup>	329.44	301.95	27.49	0.00	0.00	400	56	6	4	16	<0.5
11/24/09 <sup>19</sup>	329.44	301.30	28.14	0.00	0.00	1,400	160	18	10	38	<0.5
05/25/10 <sup>19</sup>	329.44	302.04	27.40	0.00	0.00	1,100	93	19	15	32	<0.5
11/29/10 <sup>19</sup>	329.44	301.39	28.05	0.00	0.00	520	130	9	3	24	<0.5
05/02/11 <sup>19</sup>	329.44	302.56	26.88	0.00	0.00	420	59	7	5	16	<0.5
11/23/11 <sup>19</sup>	320.22	292.54	27.68	0.00	0.00	1,400	140	32	20	47	<0.5
<b>MW-5</b>											
05/25/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	0.9	--
11/05/93	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/15/94	312.88	287.78	25.10	--	--	<50	<0.5	1.0	<0.5	1.0	--
04/21/94	312.88	299.67	13.21	--	--	--	--	--	--	--	--
06/01/94	312.88	299.49	13.39	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/28/94	312.88	299.15	13.73	--	--	--	--	--	--	--	--
07/19/94	312.88	299.08	13.80	--	--	--	--	--	--	--	--
09/02/94	312.88	298.86	14.02	--	--	<50	3.2	1.8	<0.5	2.1	--
09/12/94	312.88	298.85	14.03	--	--	--	--	--	--	--	--
10/12/94	312.88	298.73	14.15	--	--	--	--	--	--	--	--
11/30/94	312.88	298.97	13.91	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/09/95	312.88	299.91	12.97	--	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (fl.)	GWE (msl)	DTW (fl.)	SPHT (fl.)	TOTAL SPH						MTBE (µg/L)
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
MW-5 (cont)											
04/18/95	312.88	300.40	12.48	--	--	--	--	--	--	--	--
05/17/95	312.88	300.17	12.71	--	--	150	1.0	<0.5	<0.5	<0.5	--
06/07/95	312.88	300.03	12.85	--	--	--	--	--	--	--	--
07/21/95	312.88	299.58	13.30	--	--	--	--	--	--	--	--
08/15/95	312.88	299.47	13.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/07/95	312.88	299.46	13.42	--	--	--	--	--	--	--	--
10/09/95	312.88	299.27	13.61	--	--	--	--	--	--	--	--
11/15/95	312.88	299.25	13.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/30/95	312.88	299.58	13.30	--	--	--	--	--	--	--	--
01/29/96	312.88	300.13	12.75	--	--	--	--	--	--	--	--
02/27/96	312.88	300.86	12.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/05/96	312.88	300.92	11.96	--	--	--	--	--	--	--	--
04/23/96	312.88	301.11	11.77	--	--	--	--	--	--	--	--
05/30/96	312.88	300.71	12.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/19/96	312.88	300.63	12.25	--	--	--	--	--	--	--	--
07/15/96	312.88	300.49	12.39	--	--	--	--	--	--	--	--
08/27/96	312.88	300.23	12.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/06/96	312.88	300.20	12.68	--	--	--	--	--	--	--	--
10/28/96	312.88	300.16	12.72	--	--	--	--	--	--	--	--
11/11/96	312.88	300.27	12.61	--	--	--	--	--	--	--	--
05/06/97	312.88	300.82	12.06	--	--	<50	2.2	2.0	<0.5	1.7	<5.0
07/27/97	312.88	300.49	12.39	--	--	--	--	--	--	--	--
11/18/97	312.88	300.43	12.45	--	--	--	--	--	--	--	--
05/31/98	312.88	302.30	10.58	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	312.88	301.96	10.92	--	--	SAMPLED ANNUALLY		--	--	--	--
05/11/99	312.88	302.39	10.49	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	312.88	301.79	11.09	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/31/00	312.88	300.97	11.91	0.00	0.00	--	--	--	--	--	--
05/18/01	312.88	300.82	12.06	0.00	0.00	<50	0.52	2.0	<0.50	1.0	<2.5
11/16/01	312.88	300.11	12.77	0.00	0.00	--	--	--	--	--	--
07/01/02	312.88	299.94	12.94	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	312.88	299.61	13.27	0.00	0.00	--	--	--	--	--	--
06/13/03 <sup>19</sup>	312.88	300.03	12.85	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03	312.88	300.21	12.67	0.00	0.00	--	--	--	--	--	--
05/18/04 <sup>19</sup>	312.88	299.98	12.90	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-5 (cont)</b>											
11/19/04	312.88	300.05	12.83	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/03/05 <sup>19</sup>	312.88	300.00	12.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05	312.88	299.39	13.49	0.00	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/25/06 <sup>19</sup>	NP <sup>21</sup>	312.88	300.58	12.30	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06		312.88	300.12	12.76	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/09/07 <sup>19</sup>	NP <sup>21</sup>	312.88	299.76	13.12	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07		312.88	299.23	13.65	0.00	SAMPLED ANNUALLY	--	--	--	--	--
04/30/08 <sup>19</sup>	NP <sup>21</sup>	312.88	299.12	13.76	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08		312.88	298.23	14.65	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/22/09 <sup>19</sup>	NP <sup>21</sup>	312.88	299.18	13.70	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09		312.88	298.17	14.71	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/25/10 <sup>19</sup>	NP <sup>21</sup>	312.88	298.60	14.28	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/10		312.88	298.31	14.57	0.00	SAMPLED ANNUALLY	--	--	--	--	--
05/02/11 <sup>19</sup>	NP <sup>21</sup>	312.88	299.20	13.68	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/23/11		315.97	301.50	14.47	0.00	SAMPLED ANNUALLY	--	--	--	--	--
<b>MW-6</b>											
11/22/95 <sup>25</sup>	312.20	299.00	13.20	--	--	<50	<0.50	<0.50	<0.50	<0.50	--
12/30/95	312.20	298.55	13.65	--	--	--	--	--	--	--	--
01/29/96	312.20	300.02	12.18	--	--	--	--	--	--	--	--
02/27/96	312.20	300.75	11.45	--	--	70	1.1	<0.5	<0.5	<0.5	<5.0
03/05/96	312.20	300.88	11.32	--	--	--	--	--	--	--	--
04/23/96	312.20	301.08	11.12	--	--	--	--	--	--	--	--
05/30/96	312.20	300.75	11.45	--	--	60	1.3	<0.5	<0.5	0.9	<5.0
06/19/96	312.20	300.66	11.54	--	--	--	--	--	--	--	--
07/15/96	312.20	300.44	11.76	--	--	--	--	--	--	--	--
08/27/96	312.20	300.25	11.95	--	--	90	1.6	<0.5	<0.5	<0.5	<5.0
09/06/96	312.20	300.18	12.02	--	--	--	--	--	--	--	--
10/28/96	312.20	300.19	12.01	--	--	--	--	--	--	--	--
11/11/96	312.20	300.30	11.90	--	--	110	<0.5	<0.5	<0.5	<0.5	<5.0
05/06/97	312.20	300.92	11.28	--	--	170	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	312.20	300.52	11.68	--	--	--	--	--	--	--	--
11/18/97	312.20	300.43	11.77	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/31/98	312.20	302.39	9.81	--	--	<50	0.89	0.65	<0.3	<0.6	<10

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**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-6 (cont)</b>											
11/23/98	312.20	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
12/23/98	312.20	301.88	10.32	--	--	66	<0.5	<0.5	<0.5	<0.5	<2.5
05/11/99	312.20	302.40	9.80	--	--	<50	1.9	<0.5	<0.5	<0.5	2.9
11/24/99	312.20	301.55	10.65	--	--	77.2	13.5	<0.5	<0.5	<0.5	<2.5
05/23/00	312.20	301.85	10.35	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/31/00	312.20	301.83	10.37	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<1.50	5.08
05/18/01	312.20	300.89	11.31	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	312.20	300.31	11.89	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/01/02	312.20	300.04	12.16	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	312.20	299.70	12.50	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/13/03	312.20	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
11/20/03	312.20	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
05/18/04 <sup>19</sup>	312.20	299.94	12.26	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04 <sup>19</sup>	312.20	300.16	12.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/03/05 <sup>19</sup>	312.20	299.98	12.22	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05 <sup>19</sup>	312.20	299.59	12.61	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/06 <sup>19</sup>	312.20	300.37	11.83	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06 <sup>19</sup>	312.20	300.10	12.10	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/09/07 <sup>19</sup>	NP <sup>21</sup>	299.82	12.38	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07 <sup>19</sup>	NP <sup>21</sup>	299.25	12.95	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/30/08 <sup>19</sup>	312.20	298.56	13.64	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08 <sup>19</sup>	312.20	298.40	13.80	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/22/09 <sup>19</sup>	312.20	299.26	12.94	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09 <sup>19</sup>	312.20	298.16	14.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/10 <sup>19</sup>	312.20	298.98	13.22	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/10 <sup>19</sup>	312.20	298.34	13.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/02/11 <sup>19</sup>	312.20	299.49	12.71	0.00	0.00	<50	1	<0.5	<0.5	<0.5	0.7
11/23/11 <sup>19</sup>	314.91	301.38	13.53	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8
<b>MW-7</b>											
11/22/95 <sup>25</sup>	313.36	299.21	14.15	--	--	<50	<0.50	<0.50	<0.50	<0.50	--
12/30/95	313.36	300.98	12.38	--	--	--	--	--	--	--	--
01/29/96	313.36	300.22	13.14	--	--	--	--	--	--	--	--
02/27/96	313.36	301.02	12.34	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0

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Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-7 (cont)</b>											
03/05/96	313.36	301.01	12.35	--	--	--	--	--	--	--	--
04/23/96	313.36	301.23	12.13	--	--	--	--	--	--	--	--
05/30/96	313.36	300.94	12.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/19/96	313.36	300.79	12.57	--	--	--	--	--	--	--	--
07/15/96	313.36	300.66	12.70	--	--	--	--	--	--	--	--
08/27/96	313.36	300.51	12.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/06/96	313.36	300.46	12.90	--	--	--	--	--	--	--	--
10/28/96	313.36	300.52	12.84	--	--	--	--	--	--	--	--
11/11/96	313.36	300.61	12.75	--	--	--	--	--	--	--	--
05/06/97	313.36	301.22	12.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	313.36	300.91	12.45	--	--	--	--	--	--	--	--
11/18/97	313.36	300.82	12.54	--	--	--	--	--	--	--	--
05/31/98	313.36	302.61	10.75	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	313.36	302.52	10.84	--	--	SAMPLED ANNUALLY		--	--	--	--
05/11/99	313.36	302.96	10.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	313.36	302.39	10.97	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/31/00	313.36	301.51	11.85	0.00	0.00	--	--	--	--	--	--
05/18/01	313.36	301.34	12.02	0.00	0.00	<50	<0.50	1.7	<0.50	1.2	<2.5
11/16/01	313.36	300.53	12.83	0.00	0.00	--	--	--	--	--	--
07/01/02	313.36	300.42	12.94	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	313.36	300.11	13.25	0.00	0.00	--	--	--	--	--	--
06/13/03 <sup>19</sup>	313.36	300.55	12.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03	313.36	300.77	12.59	0.00	0.00	--	--	--	--	--	--
05/18/04 <sup>19</sup>	313.36	300.53	12.83	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04	313.36	300.57	12.79	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/03/05 <sup>19</sup>	313.36	300.55	12.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05	313.36	299.78	13.58	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/25/06 <sup>19</sup>	NP <sup>21</sup>	313.36	301.07	12.29	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06	313.36	300.62	12.74	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/09/07 <sup>19</sup>	NP <sup>21</sup>	313.36	300.31	13.05	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07	313.36	299.63	13.73	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
04/30/08 <sup>19</sup>	NP <sup>21</sup>	313.36	299.43	13.93	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08	313.36	298.50	14.86	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/22/09 <sup>19</sup>	NP <sup>21</sup>	313.36	299.75	13.61	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09	313.36	298.50	15.01	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--

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I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH							
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>MW-7 (cont)</b>												
05/25/10 <sup>19</sup>	NP <sup>21</sup>	313.36	298.93	14.43	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/29/10		313.36	298.61	14.75	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/02/11 <sup>19</sup>	NP <sup>21</sup>	313.36	299.41	13.95	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/23/11		316.39	301.64	14.75	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
<b>MW-9</b>												
11/18/11 <sup>26</sup>		332.56	301.58	30.98	--	--	--	--	--	--	--	--
11/23/11 <sup>19</sup>		332.56	301.58	30.98	--	--	2,500	480	81	55	52	<3
<b>MW-10</b>												
11/18/11 <sup>26</sup>		331.77	301.59	30.18	--	--	--	--	--	--	--	--
11/23/11 <sup>19</sup>		331.77	301.62	30.15	--	--	8,700	500	220	58	430	<3
<b>MW-11</b>												
11/18/11 <sup>26</sup>		331.98	301.83	30.15	--	--	--	--	--	--	--	--
11/23/11 <sup>19</sup>		331.98	301.56	30.42	--	--	61,000	5,500	11,000	1,300	6,400	<5
<b>MW-12</b>												
11/18/11 <sup>26</sup>		332.53	302.11	30.42	--	--	--	--	--	--	--	--
11/23/11 <sup>19</sup>		332.53	301.50	31.03	--	--	4,100	880	190	160	150	<1
<b>MW-13</b>												
11/18/11 <sup>26</sup>		331.60	301.47	30.13	--	--	--	--	--	--	--	--
11/23/11 <sup>19</sup>		331.60	301.46	30.14	--	--	1,100	150	61	26	55	2
<b>MW-14</b>												
11/18/11 <sup>26</sup>		332.24	301.53	30.71	--	--	--	--	--	--	--	--
11/23/11 <sup>19</sup>		332.24	301.52	30.72	--	--	68,000	19,000	9,400	1,400	4,900	<25

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-15</b>											
11/18/11 <sup>26</sup>	332.88	301.56	31.32	--	--	--	--	--	--	--	--
11/23/11 <sup>19</sup>	332.88	301.55	31.33	--	--	24,000	9,500	2,200	260	990	<10
<b>MW-8</b>											
11/22/95 <sup>25</sup>	329.91	299.56	30.35	--	--	<50	<0.50	<0.50	<0.50	<0.50	--
12/30/95	329.91	299.61	30.30	--	--	--	--	--	--	--	--
01/29/96	329.91	300.35	29.56	--	--	--	--	--	--	--	--
02/27/96	329.91	301.23	28.68	--	--	<50	<0.5	<0.5	<0.5	<5.0	<5.0
03/05/96	329.91	301.16	28.75	--	--	--	--	--	--	--	--
04/23/96	329.91	301.66	28.25	--	--	--	--	--	--	--	--
05/30/96	329.91	301.47	28.44	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/19/96	329.91	301.40	28.51	--	--	--	--	--	--	--	--
07/15/96	329.91	301.24	28.67	--	--	--	--	--	--	--	--
08/27/96	329.91	300.99	28.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/06/96	329.91	300.92	28.99	--	--	--	--	--	--	--	--
10/28/96	329.91	300.85	29.06	--	--	--	--	--	--	--	--
11/11/96	329.91	300.93	28.98	--	--	--	--	--	--	--	--
05/06/97	329.91	301.77	28.14	--	--	<50	3.6	3.1	0.7	2.5	<5.0
07/27/97	329.91	301.36	28.55	--	--	--	--	--	--	--	--
11/18/97	329.91	301.11	28.80	--	--	--	--	--	--	--	--
05/31/98	329.91	303.34	26.57	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	329.91	302.95	26.96	--	--	SAMPLED ANNUALLY		--	--	--	--
05/11/99	329.91	303.43	26.48	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	329.91	302.82	27.09	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/31/00	329.91	318.78	11.13	0.00	0.00	--	--	--	--	--	--
05/18/01	329.91	301.67	28.24	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/16/01	329.91	300.84	29.07	0.00	0.00	--	--	--	--	--	--
07/01/02	329.91	300.74	29.17	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	329.91	300.4	29.51	0.00	0.00	--	--	--	--	--	--
06/13/03 <sup>19</sup>	329.91	300.77	29.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03	329.91	300.97	28.94	0.00	0.00	--	--	--	--	--	--
05/18/04 <sup>19</sup>	329.91	300.56	29.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04	329.91	300.81	29.10	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-8 (cont)</b>											
05/03/05 <sup>19</sup>	329.91	300.40	29.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05	329.91	300.17	29.74	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/25/06 <sup>19</sup>	329.91	300.96	28.95	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06	329.91	300.77	29.14	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
05/09/07 <sup>19</sup>	329.91	300.19	29.72	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07	329.91	299.83	30.08	0.00	0.00	SAMPLED ANNUALLY		--	--	--	--
04/30/08 <sup>19</sup>	-- <sup>22</sup>	-- <sup>22</sup>	28.97	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08	-- <sup>22</sup>	WELL DAMAGED		--	--	--	--	--	--	--	--
05/22/09	-- <sup>22</sup>	WELL DAMAGED		--	--	--	--	--	--	--	--
11/24/09	-- <sup>22</sup>	WELL DAMAGED		--	--	--	--	--	--	--	--
MONITORING/SAMPLING DISCONTINUED											
<b>SUPPLY WELL</b>											
11/15/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/11/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	--	--	--	--	--	--	--	--	--	--	--
11/18/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/31/98	--	--	--	--	--	--	--	--	--	--	--
11/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
05/11/99	--	--	--	--	--	--	--	--	--	--	--
11/24/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
10/30/00	--	--	--	--	--	--	--	--	--	--	--
05/18/01	--	--	--	--	--	--	--	--	--	--	--
11/16/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/01/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/20/03 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/18/04	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
11/19/04 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/03/05	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
11/28/05 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/06	--	--	--	--	--	SAMPLED ANNUALLY		--	--	--	--
11/21/06 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						MTBE (µg/L)
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	
<b>SUPPLY WELL (cont)</b>											
04/30/08	--	--	--	--	--	SAMPLED ANNUALLY	--	--	--	--	--
11/26/08 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/24/09 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/10	--	--	--	--	--	SAMPLED ANNUALLY	--	--	--	--	--
11/29/10	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/02/11	--	--	--	--	--	SAMPLED ANNUALLY	--	--	--	--	--
11/23/11 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>BAILER BLANK</b>											
02/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
<b>TRIP BLANK</b>											
02/15/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/01/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/02/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/94	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/17/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/15/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/15/95	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
02/27/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/30/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/27/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
11/11/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/06/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
07/27/97	--	--	--	--	--	--	--	--	--	--	--
11/18/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/31/98	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	<10
11/23/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
05/11/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
05/23/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.5
10/31/00	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.50	49.0
05/18/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	TOTAL SPH						
					REMOVED (gallons)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
QA											
11/16/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/01/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/13/03 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/20/03 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/18/04 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/19/04 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/03/05 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/28/05 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/25/06 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/06 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/09/07 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/07 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/30/08 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/08 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/22/09 <sup>19</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
DISCONTINUED											

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to May 23, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing (ft.) = Feet	TPH = Total Petroleum Hydrocarbons	-- = Not Measured/Not Analyzed
GWE = Groundwater Elevation (msl) = Mean sea level	GRO = Gasoline Range Organics	NP = No Purge
DTW = Depth to Water	B = Benzene	(µg/L) = Micrograms per liter
SPHT = Separate Phase Hydrocarbon Thickness	T = Toluene	QA = Quality Assurance/Trip Blank
SPH = Separate Phase Hydrocarbons	E = Ethylbenzene	
	X = Xylenes	
	MTBE = Methyl Tertiary Butyl Ether	

\* TOC elevations are relative to msl.

\*\* GWE has been corrected for the presence of SPH, correction factor = [(TOC - DTW) + (SPHT x 0.80)].

TOC elevations were surveyed on September 6, 2011, by Virgil Chavez Land Surveying and was provided on October 28, 2011.

- 1 ORC present in well.
- 2 ORC Installed.
- 3 Confirmation run.
- 4 Due to the presence of Separate Phase Hydrocarbons results for EPA 8015/8020 do not represent true values for TPH-Gasoline, BTEX, or MTBE. The results were reported respectively as 24,000, 140, 830, 210, 1,500, and <0.05 mg/Kg.
- 5 Estimated Groundwater Elevation.
- 6 Well was not sampled due to damaged casing and debris in well. Ground water elevation is an estimate.
- 7 Laboratory report indicates gasoline C6-C12.
- 8 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.
- 9 Laboratory report indicates result exceeds the linear range of calibration.
- 10 Laboratory report indicates gasoline.
- 11 Laboratory report indicates the results for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
- 12 Chromatogram pattern indicates an unidentified hydrocarbon.
- 13 Product + Water removed.
- 14 MTBE by EPA Method 8260 was analyzed outside the EPA recommended holding time.
- 15 Skimmer in well.
- 16 ORC not present in well.
- 17 MTBE by EPA Method 8260.
- 18 4.5 liters of SPH removed from skimmer and 2.5 liters of SPH removed from well.
- 19 BTEX and MTBE by EPA Method 8260.
- 20 Removed ORC from well.
- 21 Area inaccessible to truck; unable to purge.

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

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**EXPLANATIONS:**

- 22 TOC has been altered; unable to determine GWE.
- 23 Product only removed from well.
- 24 Skimmer removed from well.
- 25 Depth to water and analytical data provided by CRA.
- 26 Well development preformed.

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	
MW-2	06/13/03	--	<0.5	--	--	--	
	11/20/03	SAMPLED ANNUALLY	--	--	--	--	
	05/18/04	--	<0.5	--	--	--	
	05/03/05	--	<0.5	--	--	--	
	05/25/06	--	<0.5	--	--	--	
	05/09/07	--	<0.5	--	--	--	
	04/30/08	--	<0.5	--	--	--	
	05/22/09	--	<0.5	--	--	--	
	05/25/10	--	<0.5	--	--	--	
	05/02/11	--	<0.5	--	--	--	
MW-3	05/18/01 <sup>1</sup>	1,000	11	<10	<10	<10	
	07/01/02	600	<10	<10	<10	<10	
	06/13/03	--	5	--	--	--	
	11/20/03	--	5	--	--	--	
	05/18/04	--	9	--	--	--	
	11/19/04	--	7	--	--	--	
	05/03/05	--	<10	--	--	--	
	11/28/05	--	<25	--	--	--	
	05/25/06	--	<5	--	--	--	
	11/21/06	--	<5	--	--	--	
	05/09/07	--	<10	--	--	--	
	11/17/07	--	3	--	--	--	
	04/30/08	--	<5	--	--	--	
	11/26/08	--	<10	--	--	--	
	11/24/09	NOT SAMPLED DUE TO THE PRESENCE OF SPH					
	05/25/10	NOT SAMPLED DUE TO THE PRESENCE OF SPH					
11/29/10	NOT SAMPLED DUE TO THE PRESENCE OF SPH						
05/02/11	NOT SAMPLED DUE TO THE PRESENCE OF SPH						
11/23/11	NOT SAMPLED DUE TO THE PRESENCE OF SPH						
MW-4	05/18/01 <sup>1</sup>	200	2.1	<2.0	<2.0	<2.0	
	06/13/03	--	<0.5	--	--	--	
	11/20/03	--	<0.5	--	--	--	
	05/18/04	--	<0.5	--	--	--	

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-4 (cont)	11/19/04	--	<0.5	--	--	--
	05/03/05	--	<0.5	--	--	--
	11/28/05	--	<0.5	--	--	--
	05/25/06	--	<0.5	--	--	--
	11/21/06	--	<0.5	--	--	--
	05/09/07	--	<0.5	--	--	--
	11/17/07	--	<0.5	--	--	--
	04/30/08	--	<0.5	--	--	--
	11/26/08	--	<0.5	--	--	--
	05/22/09	--	<0.5	--	--	--
	11/24/09	--	<0.5	--	--	--
	05/25/10	--	<0.5	--	--	--
	11/29/10	--	<0.5	--	--	--
	05/02/11	--	<0.5	--	--	--
11/23/11	--	<0.5	--	--	--	
MW-5	06/13/03	--	<0.5	--	--	--
	11/20/03	SAMPLED ANNUALLY	--	--	--	--
	05/18/04	--	<0.5	--	--	--
	05/03/05	--	<0.5	--	--	--
	05/25/06	--	<0.5	--	--	--
	05/09/07	--	<0.5	--	--	--
	04/30/08	--	<0.5	--	--	--
	05/22/09	--	<0.5	--	--	--
	05/25/10	--	<0.5	--	--	--
	11/29/10	--	<0.5	--	--	--
05/02/11	--	<0.5	--	--	--	
MW-6	05/18/04	--	<0.5	--	--	--
	11/19/04	--	<0.5	--	--	--
	05/03/05	--	<0.5	--	--	--
	11/28/05	--	<0.5	--	--	--
	05/25/06	--	<0.5	--	--	--
	11/21/06	--	<0.5	--	--	--
	05/09/07	--	<0.5	--	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
 Former Chevron Service Station #9-7127  
 I-580 and Grant Line Road  
 Tracy, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-6 (cont)	11/17/07	--	<0.5	--	--	--
	04/30/08	--	<0.5	--	--	--
	11/26/08	--	<0.5	--	--	--
	05/22/09	--	<0.5	--	--	--
	11/24/09	--	<0.5	--	--	--
	05/25/10	--	<0.5	--	--	--
	11/29/10	--	<0.5	--	--	--
	05/02/11	--	0.7	--	--	--
	<b>11/23/11</b>	--	<b>0.8</b>	--	--	--
MW-7	06/13/03	--	<0.5	--	--	--
	11/20/03	SAMPLED ANNUALLY	--	--	--	--
	05/18/04	--	<0.5	--	--	--
	05/03/05	--	<0.5	--	--	--
	05/25/06	--	<0.5	--	--	--
	05/09/07	--	<0.5	--	--	--
	04/30/08	--	<0.5	--	--	--
	05/22/09	--	<0.5	--	--	--
	05/25/10	--	<0.5	--	--	--
	05/02/11	--	<0.5	--	--	--
MW-9	11/23/11	--	<3	--	--	--
MW-10	11/23/11	--	<3	--	--	--
MW-11	11/23/11	--	<5	--	--	--
MW-12	11/23/11	--	<1	--	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID	DATE	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-13	11/23/11	--	2	--	--	--
MW-14	11/23/11	--	<25	--	--	--
MW-15	11/23/11	--	<10	--	--	--
MW-8	06/13/03	--	<0.5	--	--	--
	11/20/03	SAMPLED ANNUALLY	--	--	--	--
	05/18/04	--	<0.5	--	--	--
	05/03/05	--	<0.5	--	--	--
	05/25/06	--	<0.5	--	--	--
	05/09/07	--	<0.5	--	--	--
	04/30/08	--	<0.5	--	--	--
SUPPLY WELL	11/28/05	--	<0.5	--	--	--
	11/21/06	--	<0.5	--	--	--
	11/17/07	--	<0.5	--	--	--
	04/30/08	SAMPLED ANNUALLY	--	--	--	--
	11/26/08	--	<0.5	--	--	--
	11/24/09	--	<0.5	--	--	--
	11/29/10	--	<0.5	--	--	--
	11/23/11	--	<0.5	--	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

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**EXPLANATIONS:**

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

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

<sup>1</sup> Laboratory report indicates samples were analyzed outside the EPA recommended holding time.

**Table 3**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	Time	Volume (gallons)	pH	Conduct. (µmhos/cm)	Temp. °C/°F	D.O. (mg/L)	ORP (mV)	Alkalinity (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Phosphate (mg/L)	Ferrous Iron (mg/L)
<b>MW-1</b>												
07/27/97	14:46											
07/27/97	14:51	7.5	7.09	212.00	20.9/--	2.37	-5.0	500	--	--	--	--
07/27/97	14:56	15.0	7.11	212.00	21/--	2.24	-6.0	600	--	--	--	--
07/27/97	15:01	22.5	7.11	211.00	21.1/--	2.24	-5.0	550	--	--	--	--
07/27/97	15:03	23.0	7.10	212.00	20.9/--	2.25	-6.0	550	<1.0	14	<100	2.2
05/31/98	13:30											
05/31/98	13:36	9.0	6.96	1331.00	20.6/--	0.15	3.2	975	--	--	--	--
05/31/98	13:40	18.0	6.97	1239.00	20.2/--	0.40	1.3	900	--	--	--	--
05/31/98	13:48	27.0	6.95	1199.00	20.5/--	0.66	1.3	950	--	--	--	--
05/31/98	13:50	28.0	6.97	1201.00	20.4/--	0.60	2.0	950	<1.0	4.0	<10	4.1
08/12/98	--	--	--	--	--	0.45	--	--	--	--	--	--
11/23/98	16:00	0.0	7.00	1706.00	16.6/--	--	--	--	--	--	--	--
05/11/99	15:45	8.0	7.60	1800.00	23.5/--	0.3 (Pre)	118 (Pre)	--	--	--	--	--
05/11/99	15:48	16.0	7.60	1600.00	21.3/--	--	--	--	--	--	--	--
05/11/99	15:50	24.0	7.60	1600.00	21.5/--	1.5 (Post)	26 (Post)	--	1.7	--	--	1.5
<b>MW-2</b>												
07/27/97	14:01											
07/27/97	14:03	2.0	6.95	206.00	21.2/--	9.83	2.1	300	--	--	--	--
07/27/97	14:05	4.0	6.95	206.00	21.2/--	9.85	3.0	350	--	--	--	--
07/27/97	14:07	6.0	6.95	205.00	21.2/--	9.93	3.0	325	--	--	--	--
07/27/97	14:09	7.0	6.95	205.00	21.2/--	9.90	3.0	350	59	68	<10	0.019
05/31/98	12:34											
05/31/98	12:37	2.0	7.01	800.00	21.1/--	2.16	-13	250	--	--	--	--
05/31/98	12:40	4.0	7.03	800.00	21.1/--	2.55	-10	300	--	--	--	--
05/31/98	12:43	6.0	7.01	795.00	21.1/--	2.83	-11	275	--	--	--	--
05/31/98	12:46	7.0	6.99	796.00	21.2/--	2.80	-10	275	54	57	<10	0.11
05/11/99	12:05	3.0	7.60	1200.00	21.4/--	2.2 (Pre)	107 (Pre)	--	--	--	--	--
05/11/99	12:08	6.0	6.90	1100.00	21.1/--	--	--	--	--	--	--	--
05/11/99	12:10	7.0	7.00	1100.00	21.2/--	2.3 (Post)	91 (Post)	290	62	59	--	0.043
05/23/00	5:11	0.0	--	--	--	--	--	--	--	--	--	--
05/23/00	5:14	2.5	6.68	937.00	--/72.0	--	--	--	--	--	--	--
05/23/00	5:17	5.0	6.58	939.00	--/71.5	--	--	--	--	--	--	--
05/23/00	5:20	7.0	6.54	908.00	--/71.1	--	--	--	--	--	--	--

**Table 3**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	Time	Volume (gallons)	pH	Conduct. (umhos/cm)	Temp. °C/°F	D.O. (mg/L)	ORP (mV)	Alkalinity (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Phosphate (mg/L)	Ferrous Iron (mg/L)
<b>MW-3</b>												
07/27/97	14:29											
07/27/97	14:31	2.0	7.11	269.00	23/--	8.75	-4.3	875	--	--	--	--
07/27/97	14:33	4.0	6.95	264.00	22/--	6.22	2.8	850	--	--	--	--
07/27/97	14:35	6.0	6.93	261.00	21.9/--	6.90	4.3	850	--	--	--	--
07/27/97	14:37	7.0	6.94	262.00	21.9/--	6.70	4.3	850	<1.0	<1.0	<10	2.1
05/31/98	13:13											
05/31/98	13:15	2.0	6.89	1266.00	21.1/--	0.45	12.3	750	--	--	--	--
05/31/98	13:17	4.0	6.75	1155.00	21/--	0.40	12.2	700	--	--	--	--
05/31/98	13:19	6.0	6.79	1200.00	20.9/--	0.38	12.1	675	--	--	--	--
05/31/98	13:23	7.0	6.78	1199.00	20.9/--	0.35	12.1	700	<1.0	4.0	<10	3.1
08/12/98	--	--	--	--	--	0.33	--	--	--	--	--	--
11/23/98	15:32	2.5	7.00	1705.00	16.6/--	--	--	--	--	--	--	--
11/23/98	15:36	4.5	7.00	1720.00	16.4/--	--	--	--	--	--	--	--
11/23/98	15:40	6.5	6.90	1723.00	16.4/--	--	--	--	--	--	--	--
05/11/99	17:01	3.0	8.00	1500.00	21.4/--	1.5 (Pre)	-7.0 (Pre)	--	--	--	--	--
05/11/99	17:03	6.0	7.20	1700.00	21.4/--	--	--	--	--	--	--	--
05/11/99	17:04	9.0	7.20	1700.00	21.4/--	1.5 (Post)	-19 (Post)	480	<1.0	8.8	--	1.5
11/24/99	11:33	2.0	6.70	1588.00	17.9/--	--	--	--	--	--	--	--
11/24/99	11:36	4.0	6.70	1564.00	18.3/--	--	--	--	--	--	--	--
11/24/99	11:39	6.0	6.80	1517.00	18.4/--	--	--	--	--	--	--	--
05/23/00	7:30	0.0	--	--	--	--	--	--	--	--	--	--
05/23/00	7:33	2.5	6.56	1251.00	--/70.6	--	--	--	--	--	--	--
05/23/00	7:36	5.0	6.53	1155.00	--/70.0	--	--	--	--	--	--	--
05/23/00	7:39	7.0	6.51	1137.00	--/69.8	--	--	--	--	--	--	--
07/27/97	14:14											
07/27/97	14:16	2.0	7.22	244.00	20.6/--	8.75	-13	500	--	--	--	--
07/27/97	14:18	4.0	7.21	243.00	20.6/--	8.20	-13	550	--	--	--	--
<b>MW-4</b>												
07/27/97	14:20	6.0	7.24	246.00	20.5/--	8.55	-13	525	--	--	--	--
07/27/97	14:22	7.0	7.22	245.00	20.6/--	8.50	-13	550	80	68	<10	0.15
05/31/98	12:51											
05/31/98	12:54	3.0	7.01	1300.00	20.4/--	2.83	-10	450	--	--	--	--
05/31/98	12:57	6.0	6.98	1290.00	20.4/--	2.82	-12	400	--	--	--	--
05/31/98	13:00	9.0	6.90	1280.00	20.4/--	2.80	-11	375	--	--	--	--

**Table 3**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	Time	Volume (gallons)	pH	Conduct. (µmhos/cm)	Temp. °C/°F	D.O. (mg/L)	ORP (mV)	Alkalinity (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Phosphate (mg/L)	Ferrous Iron (mg/L)
<b>MW-4 (cont)</b>												
05/31/98	13:03	10.0	6.92	1283.00	20.4/--	2.80	-12	400	17	30	<10	7.4
08/12/98	--	--	--	--	--	0.82	--	--	--	--	--	--
12/23/98	16:45	5.0	6.80	1062.00	9.9/--	--	--	--	--	--	--	--
05/11/99	15:00	1.5	7.80	1400.00	21.5/--	0.3 (Pre)	148 (Pre)	--	--	--	--	--
05/11/99	15:02	3.0	7.40	1500.00	20.6/--	--	--	--	--	--	--	--
05/11/99	15:04	4.0	7.30	1500.00	20.6/--	1.8 (Post)	124 (Post)	430	86	64	--	0.027
11/24/99	11:05	1.5	7.00	1310.00	17.8/--	--	--	--	--	--	--	--
11/24/99	11:06	2.0	6.90	1319.00	18.2/--	--	--	--	--	--	--	--
11/24/99	11:08	4.0	--	--	--	--	--	--	--	--	--	--
05/23/00	6:48	0.0	--	--	--	--	--	--	--	--	--	--
05/23/00	6:52	1.5	7.18	1036.00	--/71.6	--	--	--	--	--	--	--
05/23/00	6:56	3.0	6.24	1014.00	--/69.3	--	--	--	--	--	--	--
05/23/00	6:59	4.0	6.24	1039.00	--/69.6	--	--	--	--	--	--	--
<b>MW-5</b>												
07/27/97	13:15											
07/27/97	13:18	3.0	7.95	274.00	19.3/--	10.45	-55	300	--	--	--	--
07/27/97	13:20	6.0	7.92	273.00	19/--	10.35	-54	350	--	--	--	--
07/27/97	13:22	9.0	7.90	274.00	18.9/--	10.30	-52	300	--	--	--	--
07/27/97	13:24	10.0	7.91	273.00	19/--	10.31	-53	300	82	100	<10	0.013
05/31/98	12:07											
05/31/98	12:09	34.5	6.85	785.00	18.9/--	3.20	-25	350	--	--	--	--
05/31/98	12:11	69.0	7.00	980.00	18.9/--	3.27	-26	400	--	--	--	--
05/31/98	12:13	13.5	7.01	981.00	18.9/--	3.21	-28	400	--	--	--	--
05/31/98	12:15	14.0	7.00	990.00	18.8/--	3.20	-28	450	35	90	<10	1.9
05/11/99	13:10	3.0	8.00	1700.00	18.9/--	5.1 (Pre)	98 (Pre)	--	--	--	--	--
05/11/99	13:13	6.0	7.40	1700.00	18.2/--	--	--	--	--	--	--	--
05/11/99	13:17	9.0	7.40	1700.00	18.4/--	4.6 (Post)	140 (Post)	330	62	100	--	<0.01
05/23/00	5:47	0.0	--	--	--	--	--	--	--	--	--	--
05/23/00	5:53	3.0	7.80	1241.00	--/70.3	--	--	--	--	--	--	--
05/23/00	5:59	6.0	7.62	1178.00	--/68.8	--	--	--	--	--	--	--
05/23/00	6:07	9.0	7.62	1165.00	--/67.4	--	--	--	--	--	--	--

**Table 3**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	Time	Volume (gallons)	pH	Conduct. (µmhos/cm)	Temp. °C/°F	D.O. (mg/L)	ORP (mV)	Alkalinity (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Phosphate (mg/L)	Ferrous Iron (mg/L)
<b>MW-6</b>												
07/27/97	13:42											
07/27/97	13:44	3.0	7.54	261.00	23.2/--	11.28	-40	400	--	--	--	--
07/27/97	13:46	6.0	7.34	232.00	19.4/--	8.10	-18	450	--	--	--	--
07/27/97	13:48	9.0	7.26	227.00	19/--	8.35	-16	400	--	--	--	--
07/27/97	13:50	10.0	7.20	228.00	19.1/--	8.32	-15	400	17	27	<10	0.017
05/31/98	11:48											
05/31/98	11:51	3.0	6.98	966.00	18.7/--	0.72	3.20	500	--	--	--	--
05/31/98	11:54	6.0	6.96	970.00	18.7/--	0.51	3.19	450	--	--	--	--
05/31/98	11:57	9.0	6.95	959.00	18.7/--	0.36	3.42	400	--	--	--	--
05/31/98	12:00	10.0	6.90	960.00	18.6/--	0.40	3.40	450	68	51	<10	3.5
12/23/98	15:15	3.0	6.40	1038.00	15/--	--	--	--	--	--	--	--
12/23/98	15:20	6.0	6.70	980.00	15.7/--	--	--	--	--	--	--	--
12/23/98	15:24	9.0	6.80	964.00	15.6/--	--	--	--	--	--	--	--
05/11/99	14:20	3.0	7.00	1200.00	18.6/--	0.3 (Pre)	140 (Pre)	--	--	--	--	--
05/11/99	14:23	6.0	6.40	1100.00	19.3/--	--	--	--	--	--	--	--
05/11/99	14:29	9.0	6.40	1100.00	19.1/--	0.4 (Post)	214 (Post)	370	52	39	--	0.064
11/24/99	13:13	3.0	6.00	1130.00	19.6/--	--	--	--	--	--	--	--
11/24/99	13:18	6.0	6.90	1105.00	20/--	--	--	--	--	--	--	--
11/24/99	13:22	9.0	7.10	1114.00	20.2/--	--	--	--	--	--	--	--
05/23/00	8:15	0.0	--	--	--	--	--	--	--	--	--	--
05/23/00	8:21	3.0	6.97	950.00	--/66.2	--	--	--	--	--	--	--
05/23/00	8:28	6.0	6.97	995.00	--/65.5	--	--	--	--	--	--	--
05/23/00	8:35	9.0	6.98	1002.00	--/65.6	--	--	--	--	--	--	--
<b>MW-7</b>												
07/27/97	13:02											
07/27/97	13:04	3.0	7.91	245.00	19.6/--	8.95	-52	350	--	--	--	--
07/27/97	13:06	6.0	7.94	264.00	19.3/--	9.70	-55	325	--	--	--	--
07/27/97	13:08	9.0	7.95	266.00	19.3/--	9.80	-55	350	--	--	--	--
07/27/97	13:10	10.0	7.93	265.00	19.3/--	9.79	-55	350	99	100	<10	0.012
05/31/98	12:16											
05/31/98	12:18	3.0	6.85	1020.00	19.6/--	3.60	-20	350	--	--	--	--
05/31/98	12:20	6.0	7.25	1020.00	18.9/--	3.80	-21	300	--	--	--	--
05/31/98	12:22	9.0	7.28	1000.00	18.8/--	4.20	-21	350	--	--	--	--
05/31/98	12:24	10.0	7.30	1001.00	18.9/--	4.40	-20	325	45	85	<10	0.011

**Table 3**  
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Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

WELL ID/ DATE	Time	Volume (gallons)	pH	Conduct. (µmhos/cm)	Temp. °C/°F	D.O. (mg/L)	ORP (mV)	Alkalinity (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Phosphate (mg/L)	Ferrous Iron (mg/L)
<b>MW-7 (cont)</b>												
05/11/99	12:41	3.0	6.80	1200.00	18.2/--	5.2 (Pre)	95 (Pre)	--	--	--	--	--
05/11/99	12:44	6.0	7.40	1400.00	18.5/--	--	--	--	--	--	--	--
05/11/99	12:48	9.0	7.40	1400.00	18.2/--	5.2 (Post)	96 (Post)	300	75	86	--	0.14
05/23/00	6:10	0.0	--	--	--	--	--	--	--	--	--	--
05/23/00	6:15	3.0	8.01	1157.00	--/68.8	--	--	--	--	--	--	--
05/23/00	6:21	6.0	7.70	1158.00	--/67.8	--	--	--	--	--	--	--
05/23/00	6:27	9.0	7.68	1136.00	--67.8	--	--	--	--	--	--	--
<b>MW-8</b>												
07/27/97	12:38											
07/27/97	12:40	2.2	7.85	141.00	21.1/--	9.40	-61.3	100	--	--	--	--
07/27/97	12:42	4.6	7.84	141.00	20.8/--	9.30	-48.3	150	--	--	--	--
07/27/97	12:44	6.6	7.83	142.00	20.9/--	9.25	-50	100	--	--	--	--
07/27/97	12:46	7.0	7.84	141.00	20.8/--	9.25	-50	100	50	24	<10	0.02
05/31/98	11:18											
05/31/98	11:21	3.0	7.03	357.00	21.1/--	6.58	-28	150	--	--	--	--
05/31/98	11:24	6.0	7.09	381.00	20.5/--	6.50	-30	200	--	--	--	--
05/31/98	11:27	9.0	7.08	373.00	20.5/--	6.40	-31	175	--	--	--	--
05/31/98	11:30	10.0	7.08	375.00	20.5/--	6.41	-30	200	35	16	<1.0	0.42
05/11/99	11:20	3.0	8.00	1600.00	18.2/--	6.07 (Pre)	103 (Pre)	--	--	--	--	--
05/11/99	11:24	6.0	7.30	1200.00	18.5/--	--	--	--	--	--	--	--
05/11/99	11:26	8.0	7.10	1200.00	18.2/--	5.44 (Post)	92 (Post)	110	42	19	--	0.028
05/23/00	4:23	0.0	--	--	--	--	--	--	--	--	--	--
05/23/00	4:26	2.5	7.64	4280.00	--/76.2	--	--	--	--	--	--	--
05/23/00	4:29	5.0	7.39	4320.00	--/72.5	--	--	--	--	--	--	--
05/23/00	4:32	7.5	7.27	4390.00	--/71.2	--	--	--	--	--	--	--
<b>SUPPLY WELL</b>												
07/27/97	13:40	--	7.85	257.00	22.7	4.89	-53	200	48	76	<10	1.5
11/23/98	15:15	1.0	7.40	1115.00	20.4	--	--	--	--	--	--	--
11/24/99	12:45	--	2.50	5386.00	18.8	--	--	--	--	--	--	--
05/23/00	--	--	--	--	--	--	--	--	--	--	--	--

**Table 3**  
**Groundwater Analytical Results**  
Former Chevron Service Station #9-7127  
I-580 and Grant Line Road  
Tracy, California

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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to May 23, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

( $\mu$ mhos/cm) = Micromhos per centimeter

D.O. = Dissolved Oxygen

(mg/L) = Milligrams per liter

ORP = Oxidation-Reduction Potential

(mV) = Millivolts

(ppm) = Parts per million

$^{\circ}$ C/ $^{\circ}$ F = Degrees Celsius/Degrees Fahrenheit

Conduct. = Conductivity

Temp. = Temperature

(Pre) = Pre-purge reading

(Post) = Post-purge reading

-- = Not Measured/Not Analyzed

## STANDARD OPERATING PROCEDURE –WELL DEVELOPMENT 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 well development, each well is monitored for the presence of free-phase hydrocarbons and the depth to water is recorded. Wells are then developed by alternately surging the well with the bailer, then purging the well with a pump to remove accumulated sediments and draw groundwater into the well. Development continues until the groundwater parameters (temperature, pH, and conductivity) have stabilized.

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.

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.

***CHEVRON SERVICE STATION #9-7127***  
***Tracy, CA***

***WELL DEVELOPMENT EVENT***  
***Of November 18, 2011***



# GETTLER - RYAN INC.

## WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11-18-11 (inclusive)  
 Sampler: ML

Well ID: MW-9  
 Well Diameter: 2 in.  
 Initial Total Depth: 35.53 ft.  
 Final Total Depth: 40.76 ft.  
 Depth to Water: 30.98 ft.

Date Monitored: 11-18-11

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.

4.55 xVF .17 = .77 x10 case volume = Estimated Purge Volume: 8.0 gal.

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

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer WAT  
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1300  
 Sample Time/Date: - 1 -  
 Approx. Flow Rate: 1 gpm.  
 Did well de-water? YES If yes, Time: 1303, Volume: 3,68 gal.

Weather Conditions: CLOUDY  
 Water Color: Clear Odor: 01N Medium  
 Sediment Description: none  
 DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity MS (µmhos/cm - US)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1301	1	7.64	1.14	16.0		
1302	2	7.51	1.11	16.0		
1303	3	7.50	1.13	16.0		
1325	4	7.30	1.08	18.4		
1326	5	7.29	1.11	18.4		
1327	6	7.30	1.10	18.5		
1350	7	7.29	1.11	18.7		
1351	8	7.28	1.11	18.7		
1420	9	7.27	1.10	18.7		
1421	10	7.26	1.10	18.7		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 51 ppm

### DEVELOP ONLY

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



# GETTLER - RYAN INC.

## WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11-18-11 (inclusive)  
 Sampler: FC

Well ID: MW-10  
 Well Diameter: 2 in.  
 Initial Total Depth: 38.57 ft.  
 Final Total Depth: 40.50 ft.  
 Depth to Water: 30.18 ft.

Date Monitored: 11-18-11

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.

8.39 xVF .17 = 1.42 x10 case volume = Estimated Purge Volume: 14.0 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 WASHED  
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1145

Weather Conditions: LT. RAIN

Sample Time/Date: — / —

Water Color: CLEAR Odor: ① IN STRONG

Approx. Flow Rate: 1.5 gpm.

Sediment Description: NONE

Did well de-water? NO If yes, Time: \_\_\_\_\_

Volume: \_\_\_\_\_ gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
1146	1.5	6.63	1305	18.8		
1147	3.0	6.65	1302	19.3		
1148	4.5	6.67	1299	19.4		
1149	6.0	6.70	1297	19.6		
1150	7.5	6.73	1294	19.5		
1151	9.0	6.75	1292	19.7		
1152	10.5	6.77	1290	19.8		
1153	12.0	6.79	1287	19.8		
1154	13.5	6.80	1285	19.9		
1155	15.0	6.83	1283	19.9		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 30 PPM

### DEVELOP ONLY

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



# GETTLER - RYAN INC.

## WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11.18.11 (inclusive)  
 Sampler: FT

Well ID: MW-11  
 Well Diameter: 2 in.  
 Initial Total Depth: 36.70 ft.  
 Final Total Depth: 37.74 ft.  
 Depth to Water: 30.15 ft.

Date Monitored: 11.18.11

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.

6.55 xVF .17 = 1.11 x10 case volume = Estimated Purge Volume: 11.0 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 \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 12:15

Weather Conditions: Cloudy / 4-11

Sample Time/Date: - / -

Water Color: CLEAR Odor: PIN STRAW

Approx. Flow Rate: 1.0 gpm.

Sediment Description: None

Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
1216	1.0	7.21	1226	18.5		
1217	2.0	7.19	1229	18.9		
1219	3.0	7.18	1227	18.7		
1221	4.0	7.17	1224	18.7		
1223	5.0	7.17	1221	18.8		
1225	6.0	7.15	1219	18.9		
1227	7.0	7.14	1218	19.0		
1229	8.0	7.13	1217	18.9		
1231	9.0	7.11	1215	18.9		
1234	11.0	7.10	1214	19.0		

### LABORATORY INFORMATION

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

COMMENTS: INITIAL CGI READING: 75 PDM  
DEVELOP ONLY SLOW RECOVERY

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



# GETTLER - RYAN INC.

## WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11.18.11 (inclusive)  
 Sampler: FT

Well ID: MW-12  
 Well Diameter: 2 in.  
 Initial Total Depth: 34.45 ft.  
 Final Total Depth: 35.48 ft.  
 Depth to Water: 30.42 ft.

Date Monitored: 11.18.11

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.  
 $4.03 \times VF .17 = .68$  x10 case volume = Estimated Purge Volume: 7.0 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             
 Metal Filters             
 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:           

Start Time (purge): 1310  
 Sample Time/Date:           /    
 Approx. Flow Rate: .50-.75 gpm.  
 Did well de-water? no If yes, Time:            Volume:            gal.

Weather Conditions: CLOUDY  
 Water Color: low Odor: DI N MODERATE  
 Sediment Description: S SILTY  
 DTW @ Sampling:           

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
1312	.70	7.37	1135	17.4		
1314	1.40	7.40	1132	18.0		
1316	2.10	7.43	1129	18.3		
1318	2.8	7.41	1128	18.4		
1320	3.5	7.40	1127	18.5		
1322	4.2	7.39	1125	18.5		
1324	4.9	7.39	1126	18.6		
1326	5.6	7.38	1125	18.7		
1328	6.3	7.37	1124	18.7		
1332	7.0	7.36	1123	18.8		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 62 PPM  
Slow Recovery

### DEVELOP ONLY

Add/Replaced Lock:   /   Add/Replaced Plug:            Add/Replaced Bolt:



# GETTLER-RYAN INC.

## WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11-18-11 (inclusive)  
 Sampler: FR

Well ID: MW-13  
 Well Diameter: 2 in.  
 Initial Total Depth: 40.92 ft.  
 Final Total Depth: 41.68 ft.  
 Depth to Water: 30.13 ft.

Date Monitored: 11-18-11

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.  
 $10.79 \times VF .17 = 1.83$  x10 case volume = Estimated Purge Volume: 18.0 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           
 Metal Filters           
 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:         

Start Time (purge): 1410  
 Sample Time/Date:   /  /    
 Approx. Flow Rate: 50-100 gpm.  
 Did well de-water? Yes If yes, Time: 1431 Volume: 11.0 gal.

Weather Conditions: CLOUDY / LT. RAIN  
 Water Color: 600 Odor: 0 / N MODERATE  
 Sediment Description: S. SILTY  
 DTW @ Sampling:         

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
1412	1.8	7.56	1132	18.9		
1414	3.6	7.53	1128	19.0		
1418	5.4	7.52	1126	19.1		
1422	7.2	7.51	1125	19.0		
1426	9.0	7.51	1126	19.1		
1430	10.8	7.50	1125	19.2		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 58 PPM

### DEVELOP ONLY

Add/Replaced Lock:   /  /   Add/Replaced Plug:          Add/Replaced Bolt:



# GETTLER-RYAN INC.

## WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11-18-11 (inclusive)  
 Sampler: ML

Well ID: MW-14  
 Well Diameter: 2 in.  
 Initial Total Depth: 33.66 ft.  
 Final Total Depth: 36.58 ft.  
 Depth to Water: 30.71 ft.

Date Monitored: 11-18-11

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.

2.95 xVF .17 = .50 x10 case volume = Estimated Purge Volume: 5.0 gal.

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

**Purge Equipment:**

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

**Sampling Equipment:**

- Disposable Bailer \_\_\_\_\_
- Pressure Bailer X
- Metal Filters \_\_\_\_\_
- 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:	_____

Start Time (purge): 1225  
 Sample Time/Date: — / —  
 Approx. Flow Rate: 1 gpm.  
 Did well de-water? no If yes, Time: \_\_\_\_\_

Weather Conditions: RAIN  
 Water Color: Clear Odor: 0 IN STRONG  
 Sediment Description: none  
 Volume: \_\_\_\_\_ gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity $\mu$ S/cm - USF	Temperature (°F)	D.O. (mg/L)	ORP (mV)
1226	1	7.03	1.38	18.5		
1227	2	6.99	1.20	18.5		
1228	3	6.99	1.19	18.7		
1229	4	6.98	1.11	18.6		
1230	5	6.93	1.10	18.7		
1231	6	6.93	1.11	18.7		
1232	7	6.92	1.10	18.9		
1233	8	6.90	1.09	18.8		
1234	9	6.90	1.09	18.9		
1235	10	6.90	1.09	18.9		

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES

COMMENTS: INITIAL CGI READING: 72 ppm

**DEVELOP ONLY**

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



# GETTLER-RYAN INC.

## WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11-18-11 (inclusive)  
 Sampler: ML

Well ID: MW-15  
 Well Diameter: 2 in.  
 Initial Total Depth: 38.35 ft.  
 Final Total Depth: 39.33 ft.  
 Depth to Water: 31.32 ft.  
7.03 xVF .17 = 1.19

Date Monitored: 11-18-11

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.

x10 case volume = Estimated Purge Volume: 12.0 gal.

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

**Purge Equipment:**

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

**Sampling Equipment:**

Disposable Bailer \_\_\_\_\_  
 Pressure Bailer X  
 Metal Filters \_\_\_\_\_  
 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:	_____ gal

Start Time (purge): 1115  
 Sample Time/Date: - / -  
 Approx. Flow Rate: 1 gpm.  
 Did well de-water? NO If yes, Time: \_\_\_\_\_

Weather Conditions: SUNNY  
 Water Color: Clear Odor: YIN medium  
 Sediment Description: none  
 Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity <sup>MS</sup> (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
1116	1	7.49	1.11	19.5		
1117	2	7.42	1.12	19.5		
1118	3	7.41	1.07	19.5		
1119	4	7.35	1.06	19.6		
1120	5	7.35	1.04	19.5		
1121	6	7.33	1.04	19.5		
1122	7	7.30	1.04	19.6		
1123	8	7.32	1.05	19.6		
1124	9	7.31	1.07	19.7		
1125	10	7.31	1.06	19.7		
1126	11	7.29	1.06	19.7		

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
1127	12	7.29	1.06	19.7	

COMMENTS: INITIAL CGI READING: 41 ppm

**DEVELOP ONLY**

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

***CHEVRON SERVICE STATION #9-7127  
Tracy, CA***

***FOURTH QUARTER MONITORING & SAMPLING  
EVENT  
Of November 23, 2011***



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251  
 Site Address: I-580 And Grant Line Road Event Date: 11-23-11 (inclusive)  
 City: Tracy, CA Sampler: FT & GM

Well ID: MW-1 Date Monitored: 11-23-11

Well Diameter: 4  
 Total Depth: 39.44 ft.  
 Depth to Water: 31.43 ft.

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 8.01 xVF      =      x3 case volume = Estimated Purge Volume:      gal.

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

- |                              |                            |
|------------------------------|----------------------------|
| <b>Purge Equipment:</b>      | <b>Sampling Equipment:</b> |
| Disposable Bailer _____      | Disposable Bailer _____    |
| Stainless Steel Bailer _____ | Pressure Bailer _____      |
| Stack Pump _____             | Metal Filters _____        |
| Suction Pump _____           | Peristaltic Pump _____     |
| Grundfos _____               | QED Bladder Pump _____     |
| Peristaltic Pump _____       | Other: _____               |
| QED Bladder Pump _____       |                            |
| Other: _____                 |                            |

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: 29.90 ft  
 Depth to Water: 31.43 ft  
 Hydrocarbon Thickness: 1.53 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_ gal

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
	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

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

Add/Replaced Lock:      Add/Replaced Plug:      Add/Replaced Bolt:



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11-23-11 (inclusive)  
 Sampler: FT & 6m

Well ID: MW-2  
 Well Diameter: 2  
 Total Depth: 38.45 ft.  
 Depth to Water: 28.40 ft.  
10.05 xVF = \_\_\_\_\_ = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Date Monitored: 11-23-11

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 \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): \_\_\_\_\_  
 Sample Time/Date: /  
 Approx. Flow Rate: \_\_\_\_\_ gpm.  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_

Weather Conditions: \_\_\_\_\_  
 Water Color: \_\_\_\_\_ Odor: Y / N  
 Sediment Description: \_\_\_\_\_  
 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
	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: M/L

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11-23-11 (inclusive)  
 Sampler: FR 56M

Well ID: MW-3  
 Well Diameter: 2  
 Total Depth: 40.05 ft.  
 Depth to Water: 30.54 ft.  
9.51 xVF \_\_\_\_\_ = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

Date Monitored: 11-23-11

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 \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: 30.50 ft  
 Depth to Water: 30.54 ft  
 Hydrocarbon Thickness: .04 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_

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
	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

### COMMENTS:

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251  
 Site Address: I-580 And Grant Line Road Event Date: 11-23-11 (inclusive)  
 City: Tracy, CA Sampler: 10 FT

Well ID: MW-4  
 Well Diameter: 2  
 Total Depth: 31.77 ft.  
 Depth to Water: 27.68 ft.  
4.09 xVF .17 = .69

Date Monitored: 11-23-11

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]: 28.49  
 x3 case volume = Estimated Purge Volume: 2.0 gal.

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

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1150 Weather Conditions: CLOUDY  
 Sample Time/Date: 1210 / 11-23-11 Water Color: Brown Odor: D/N MODERATE  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S. SILTY  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 28.10

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>1153</u>	<u>.75</u>	<u>7.12</u>	<u>1267</u>	<u>18.9</u>		
<u>1156</u>	<u>1.5</u>	<u>7.09</u>	<u>1260</u>	<u>18.7</u>		
<u>1200</u>	<u>2.0</u>	<u>7.07</u>	<u>1255</u>	<u>18.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</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:  (12") Add/Replaced Bolt: \_\_\_\_\_





# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251  
 Site Address: I-580 And Grant Line Road Event Date: 11-23-11 (inclusive)  
 City: Tracy, CA Sampler: FT

Well ID: MW-6 Date Monitored: 11-23-11

Well Diameter: 2  
 Total Depth: 28.86 ft.  
 Depth to Water: 13.53 ft.

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.59  
 Check if water column is less than 0.50 ft.  
 xVF 17 = 2.60 x3 case volume = Estimated Purge Volume: 8.0 gal.

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

**Sampling Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1015 Weather Conditions: CLOUDY  
 Sample Time/Date: 1042 / 11-23-11 Water Color: CLEAR Odor: Y / 10  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: NONE  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 13.56

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1020</u>	<u>2.5</u>	<u>7.22</u>	<u>665</u>	<u>17.4</u>		
<u>1025</u>	<u>5.0</u>	<u>7.19</u>	<u>657</u>	<u>17.7</u>		
<u>1031</u>	<u>8.0</u>	<u>7.15</u>	<u>649</u>	<u>18.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</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 #9-7127 Job Number: 385251  
 Site Address: I-580 And Grant Line Road Event Date: 11-23-11 (inclusive)  
 City: Tracy, CA Sampler: FRE lm

Well ID: MW-7  
 Well Diameter: 2  
 Total Depth: 28.18 ft.  
 Depth to Water: 14.75 ft.  
13.43 xVF = \_\_\_\_\_

Date Monitored: 11-23-11

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 \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

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
	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: MLO

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251  
 Site Address: I-580 And Grant Line Road Event Date: 11-23-11 (inclusive)  
 City: Tracy, CA Sampler: FR

Well ID: MW-9 Date Monitored: 11-23-11  
 Well Diameter: 2  
 Total Depth: 40.76 ft.  
 Depth to Water: 30.98 ft.  Check if water column is less than 0.50 ft.  
9.78 x VF .17 = 1.66 x3 case volume = Estimated Purge Volume: 5.0 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.93

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

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

**Sampling Equipment:**  
 Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1115 Weather Conditions: CLOUDY  
 Sample Time/Date: 1138 / 11-23-11 Water Color: 6.0 Odor: 0 / N MODERATE  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S SILTY  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 31-30

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>1119</u>	<u>1.5</u>	<u>7.02</u>	<u>1215</u>	<u>18.8</u>		
<u>1123</u>	<u>3.0</u>	<u>6.99</u>	<u>1205</u>	<u>19.4</u>		
<u>1128</u>	<u>5.0</u>	<u>6.94</u>	<u>1197</u>	<u>19.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251  
 Site Address: I-580 And Grant Line Road Event Date: 11-23-11 (inclusive)  
 City: Tracy, CA Sampler: FR

Well ID: MW-10 Date Monitored: 11-23-11  
 Well Diameter: 2  
 Total Depth: 40.50 ft.  
 Depth to Water: 30.15 ft.  Check if water column is less than 0.50 ft.  
10.35 xVF .17 = 1.75 x3 case volume = Estimated Purge Volume: 5.0 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.22

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

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1310 Weather Conditions: CLOUDY  
 Sample Time/Date: 1334 / 11-23-11 Water Color: 6mg Odor: DI N SMOKE  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S-SILTY  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 30.17

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>1314</u>	<u>1.5</u>	<u>7.09</u>	<u>1262</u>	<u>19.2</u>	_____	_____
<u>1318</u>	<u>3.0</u>	<u>7.05</u>	<u>1257</u>	<u>18.9</u>	_____	_____
<u>1323</u>	<u>5.0</u>	<u>7.01</u>	<u>1248</u>	<u>18.7</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251  
 Site Address: I-580 And Grant Line Road Event Date: 11-23-11 (inclusive)  
 City: Tracy, CA Sampler: FT

Well ID: MW-11 Date Monitored: 11-23-11  
 Well Diameter: 2  
 Total Depth: 37.74 ft.  
 Depth to Water: 30.42 ft.  Check if water column is less than 0.50 ft.  
7.32 xVF .17 = 1.24 x3 case volume = Estimated Purge Volume: 4.0 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.88

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

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer   
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1225 Weather Conditions: CLOUDY  
 Sample Time/Date: 1250 / 11-23-11 Water Color: CLAY Odor: DI N STRONG  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: S. SILTY  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 30.60

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°/ F)	D.O. (mg/L)	ORP (mV)
<u>1229</u>	<u>1.5</u>	<u>7.14</u>	<u>1305</u>	<u>18.6</u>		
<u>1233</u>	<u>3.0</u>	<u>7.10</u>	<u>1295</u>	<u>18.9</u>		
<u>1237</u>	<u>4.0</u>	<u>7.07</u>	<u>1287</u>	<u>19.0</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-11</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251  
 Site Address: I-580 And Grant Line Road Event Date: 11/23/11 (inclusive)  
 City: Tracy, CA Sampler: GM

Well ID Mw-12  
 Well Diameter 2  
 Total Depth 35.48 ft.  
 Depth to Water 31.03 ft.  
4.45 xVF

Date Monitored: 11/23/11

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.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.92  
 x3 case volume = Estimated Purge Volume: 2.5 gal.

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1005 Weather Conditions: CLOUDY COLD  
 Sample Time/Date: 1120 / 11/23/11 Water Color: SL CLOUDY Odor: (Y) N MODERATE  
 Approx. Flow Rate: — gpm. Sediment Description: SL SILT  
 Did well de-water? YES If yes, Time: 1007 Volume: 1.0 gal. DTW @ Sampling: 31.92

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) <u>(S)</u>	Temperature <u>(C)</u> / F	D.O. (mg/L)	ORP (mV)
<u>1006</u>	<u>0.75</u>	<u>6.89</u>	<u>919</u>	<u>18.5</u>		
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>Mw-12</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127 Job Number: 385251  
 Site Address: I-580 And Grant Line Road Event Date: 11/23/11 (inclusive)  
 City: Tracy, CA Sampler: GM

Well ID mw-13  
 Well Diameter 2  
 Total Depth 41.68 ft.  
 Depth to Water 30.14 ft.  
11.54 xVF 0.17 = 1.96

Date Monitored: 11/23/11

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.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.45 Estimated Purge Volume: 6 gal.

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1020 Weather Conditions: CLOUDY COLD  
 Sample Time/Date: 1100 11/23/11 Water Color: CLOUDY Odor: ① N SLIGHT  
 Approx. Flow Rate: --- gpm. Sediment Description: SILT  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 32.39

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1022</u>	<u>2</u>	<u>7.19</u>	<u>801</u>	<u>18.9</u>		
<u>1025</u>	<u>4</u>	<u>7.14</u>	<u>786</u>	<u>18.4</u>		
<u>1028</u>	<u>6</u>	<u>7.08</u>	<u>769</u>	<u>18.3</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-13</u>	<u>6 x voa vial</u>	<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 #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11/23/11 (inclusive)  
 Sampler: GM

Well ID: MW-14  
 Well Diameter: 2  
 Total Depth: 36.58 ft.  
 Depth to Water: 30.72 ft.  
5.86 xVF 0.17 = 0.99

Date Monitored: 11/23/11

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]: 31.89

**Purge Equipment:**

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

**Sampling Equipment:**

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Metal Filters \_\_\_\_\_  
 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: \_\_\_\_\_

Start Time (purge): 1220 Weather Conditions: CLOUDY / COOL  
 Sample Time/Date: 1300 / 11/23/11 Water Color: CLOUDY Odor: Y/N STRONG  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: SILT  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 31.89

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1221</u>	<u>1</u>	<u>7.12</u>	<u>748</u>	<u>19.1</u>		
<u>1223</u>	<u>2</u>	<u>7.09</u>	<u>744</u>	<u>18.9</u>		
<u>1225</u>	<u>3</u>	<u>7.08</u>	<u>744</u>	<u>18.8</u>		

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-14</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

**COMMENTS:**

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11/23/11 (inclusive)  
 Sampler: G-M

Well ID: MW-15  
 Well Diameter: 2  
 Total Depth: 39.33 ft.  
 Depth to Water: 31.33 ft.  
8.00 xVF 0.17 = 1.36

Date Monitored: 11/23/11

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]: 32.93  
 x3 case volume = Estimated Purge Volume: 4.25 gal.

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer: A  
 Pressure Bailer: \_\_\_\_\_  
 Metal Filters: \_\_\_\_\_  
 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:	_____ gal

Start Time (purge): 1135  
 Sample Time/Date: 1210 / 11/23/11  
 Approx. Flow Rate: — gpm.  
 Did well de-water? NO If yes, Time: \_\_\_\_\_

Weather Conditions: CLOUDY / COOL  
 Water Color: CLOUDY Odor: ① IN MODERATE  
 Sediment Description: SILT  
 Volume: — gal. DTW @ Sampling: 32.99

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) <u>(BS)</u>	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1137</u>	<u>1.5</u>	<u>7.18</u>	<u>709</u>	<u>19.1</u>	_____	_____
<u>1139</u>	<u>3</u>	<u>7.13</u>	<u>702</u>	<u>18.7</u>	_____	_____
<u>1142</u>	<u>4.25</u>	<u>7.09</u>	<u>694</u>	<u>18.6</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-15</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-7127  
 Site Address: I-580 And Grant Line Road  
 City: Tracy, CA

Job Number: 385251  
 Event Date: 11-23-11 (inclusive)  
 Sampler: FT

Well ID: SUPPLYWELL

Date Monitored: N/A

Well Diameter: N/A

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

Total Depth: \_\_\_\_\_ ft.

Depth to Water: \_\_\_\_\_ ft.

Check if water column is less than 0.50 ft.



xVF \_\_\_\_\_ = \_\_\_\_\_ 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 (PIN)
- Pressure Bailer
- Metal Filters
- Peristaltic Pump
- QED Bladder Pump
- Other: LOUIS SAMPLE

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: \_\_\_\_\_

Start Time (purge): 1400 Weather Conditions: CLOUDY  
 Sample Time/Date: 1415 / 11-23-11 Water Color: CLEAN Odor: Y / N  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: NONE  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
_____	_____	<u>7.30</u>	<u>685</u>	<u>18.8</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>SUPPLYWELL</u>	<u>6</u> 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



For Lancaster Laboratories use only  
 Acct. #: 12099 Sample # G483390-99 Group #: 008350

CRA MTI Project #: 63H-1656

G# 1278526

Facility #: <u>SS#9-7127 G-R#385251 Global ID#T0600102298</u> Site Address: <u>I-580 AND GRANT LINE ROAD, TRACY, CA</u> Chevron PM: <u>MTI</u> Lead Consultant: <u>CRACKJ Kieman</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>FRANK T. &amp; GILBERT M.</u>				<b>Matrix</b> <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		<b>Analyses Requested</b> Preservation Codes H H BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GFO TPH 8015 MOD DFO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Total Lead Method Discharged Lead Method										<b>Preservative Codes</b> H = HCl T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other <input type="checkbox"/> J value reporting needed <input 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 GFO	TPH 8015 MOD DFO	Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Discharged Lead Method	Comments / Remarks	
	11-23-11																			
MW-4		1210	X						6	X	X									
MW-6		1042	X						6	X	X									
MW-9		1138	X						6	X	X									
MW-10		1334	X						6	X	X									
MW-11		1250	X						6	X	X									
MW-12		1120	X						6	X	X									
MW-13		1100	X						6	X	X									
MW-14		1300	X						6	X	X									
MW-15		1210	X						6	X	X									
SUPPLYWELL		1415	X						6	X	X									

<b>Turnaround Time Requested (TAT) (please circle)</b> (STD. TAT) 72 hour 48 hour 24 hour 4 day 5 day			Relinquished by: <u>[Signature]</u> Date: <u>11-23-11</u> Time: <u>1630</u>		Received by: <u>GETTLER-RYAN FRIDGE</u> Date: <u>11-28-11</u> Time: <u>0700</u>	
<b>Data Package Options (please circle if required) 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>11-28-11</u> Time: <u>1545</u>		Received by: <u>FED-EX</u> Date: _____ Time: _____	
Relinquished by Commercial Carrier: UPS <u>FedEx</u> Other _____			Relinquished by: _____ Date: _____ Time: _____		Received by: <u>[Signature]</u> Date: <u>11/28/11</u> Time: <u>1040</u>	
Temperature Upon Receipt: <u>0.8</u> °C			Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		_____	



# Analysis Report

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

## ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron c/o CRA  
Suite 107  
10969 Trade Center Dr  
Rancho Cordova CA 95670

December 08, 2011

Project: 97127

Submittal Date: 11/29/2011

Group Number: 1278526

PO Number: 97127

Release Number: MTI

State of Sample Origin: CA

RECEIVED

DEC 09 2011

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

Client Sample Description

MW-4-W-111123 Grab Water  
MW-6-W-111123 Grab Water  
MW-9-W-111123 Grab Water  
MW-10-W-111123 Grab Water  
MW-11-W-111123 Grab Water  
MW-12-W-111123 Grab Water  
MW-13-W-111123 Grab Water  
MW-14-W-111123 Grab Water  
MW-15-W-111123 Grab Water  
SUPPLYWELL-W-111123 Grab Water

Lancaster Labs (LLI) #

6483390  
6483391  
6483392  
6483393  
6483394  
6483395  
6483396  
6483397  
6483398  
6483399

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

ELECTRONIC     Gettler-Ryan, Inc.  
COPY TO  
ELECTRONIC     Chevron c/o CRA  
COPY TO  
ELECTRONIC     Chevron  
COPY TO

Attn: Rachelle Munoz  
Attn: Report Contact  
Attn: Anna Avina



## ***Analysis Report***

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

Questions? Contact your Client Services Representative  
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

A handwritten signature in cursive script that reads "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: MW-4-W-111123 Grab Water

Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
I-580 & Grant Line-Tracy T0600102298 MW-4

LLI Sample # WW 6483390  
LLI Group # 1278526  
Account # 12099

Project Name: 97127

Collected: 11/23/2011 12:10 by FT

Chevron c/o CRA  
Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr  
Rancho Cordova CA 95670

Reported: 12/08/2011 10:25

GLT04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles</b> SW-846 8260B ug/l					
10943	Benzene	71-43-2	140	0.5	1
10943	Ethylbenzene	100-41-4	20	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	32	0.5	1
10943	Xylene (Total)	1330-20-7	47	0.5	1
<b>GC Volatiles</b> SW-846 8015B ug/l					
01728	TPH-GRO N. CA water C6-C12	n.a.	1,400	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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113361AA	12/02/2011 14:36	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113361AA	12/02/2011 14:36	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 14:52	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 14:52	Marie D John	1



# Analysis Report

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Sample Description: MW-6-W-111123 Grab Water

Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
I-580 & Grant Line-Tracy T0600102298 MW-6

LLI Sample # WW 6483391  
LLI Group # 1278526  
Account # 12099

Project Name: 97127

Collected: 11/23/2011 10:42 by FT

Chevron c/o CRA

Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr

Reported: 12/08/2011 10:25

Rancho Cordova CA 95670

GLT06

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.	ug/l 0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	0.8	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.	ug/l 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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 14:23	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113362AA	12/02/2011 14:23	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 15:14	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 15:14	Marie D John	1



# Analysis Report

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Sample Description: MW-9-W-111123 Grab Water

Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
I-580 & Grant Line-Tracy T0600102298 MW-9

LLI Sample # WW 6483392  
LLI Group # 1278526  
Account # 12099

Project Name: 97127

Collected: 11/23/2011 11:38 by FT

Chevron c/o CRA  
Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr  
Rancho Cordova CA 95670

Reported: 12/08/2011 10:25

GLT09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles</b>			<b>SW-846 8260B</b>	<b>ug/l</b>	
10943	Benzene	71-43-2	480	3	5
10943	Ethylbenzene	100-41-4	55	3	5
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	3	5
10943	Toluene	108-88-3	81	3	5
10943	Xylene (Total)	1330-20-7	52	3	5
<b>GC Volatiles</b>			<b>SW-846 8015B</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	2,500	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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 15:46	Emily R Styer	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113362AA	12/02/2011 15:46	Emily R Styer	5
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 18:10	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 18:10	Marie D John	5



# Analysis Report

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Sample Description: MW-10-W-111123 Grab Water

Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
I-580 & Grant Line-Tracy T0600102298 MW-10

LLI Sample # WW 6483393

LLI Group # 1278526

Account # 12099

Project Name: 97127

Collected: 11/23/2011 13:34 by FT

Chevron c/o CRA

Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr

Reported: 12/08/2011 10:25

Rancho Cordova CA 95670

GLT10

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	500	3	5
10943	Ethylbenzene	100-41-4	58	3	5
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	3	5
10943	Toluene	108-88-3	220	3	5
10943	Xylene (Total)	1330-20-7	430	3	5
<b>GC Volatiles SW-846 8015B ug/l</b>					
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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 16:13	Emily R Styer	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113362AA	12/02/2011 16:13	Emily R Styer	5
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 18:32	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 18:32	Marie D John	5

**Sample Description: MW-11-W-111123 Grab Water**
**Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
I-580 & Grant Line-Tracy T0600102298 MW-11**
**LLI Sample # WW 6483394**
**LLI Group # 1278526**
**Account # 12099**
**Project Name: 97127**

Collected: 11/23/2011 12:50 by FT

Chevron c/o CRA

Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr

Reported: 12/08/2011 10:25

Rancho Cordova CA 95670

GLT11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles</b>			<b>ug/l</b>	<b>ug/l</b>	
10943	Benzene	71-43-2	5,500	50	100
10943	Ethylbenzene	100-41-4	1,300	5	10
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	5	10
10943	Toluene	108-88-3	11,000	50	100
10943	Xylene (Total)	1330-20-7	6,400	50	100
<b>GC Volatiles</b>			<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	61,000	2,500	50

### 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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 16:41	Emily R Styer	10
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 17:09	Emily R Styer	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113362AA	12/02/2011 16:41	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P113362AA	12/02/2011 17:09	Emily R Styer	100
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 18:54	Marie D John	50
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 18:54	Marie D John	50



# Analysis Report

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Sample Description: MW-12-W-111123 Grab Water

Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
I-580 & Grant Line-Tracy T0600102298 MW-12

LLI Sample # WW 6483395  
LLI Group # 1278526  
Account # 12099

Project Name: 97127

Collected: 11/23/2011 11:20 by FT

Chevron c/o CRA  
Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr

Reported: 12/08/2011 10:25

Rancho Cordova CA 95670

GLT12

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	880	10	20
10943	Ethylbenzene	100-41-4	160	1	2
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	2
10943	Toluene	108-88-3	190	1	2
10943	Xylene (Total)	1330-20-7	150	1	2
<b>GC Volatiles SW-846 8015B ug/l</b>					
01728	TPH-GRO N. CA water C6-C12	n.a.	4,100	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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 17:37	Emily R Styer	2
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 18:05	Emily R Styer	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113362AA	12/02/2011 17:37	Emily R Styer	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P113362AA	12/02/2011 18:05	Emily R Styer	20
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 21:28	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 21:28	Marie D John	5

**Sample Description: MW-13-W-111123 Grab Water**
**Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
I-580 & Grant Line-Tracy T0600102298 MW-13**
**LLI Sample # WW 6483396**
**LLI Group # 1278526**
**Account # 12099**
**Project Name: 97127**

Collected: 11/23/2011 11:00 by FT

Chevron c/o CRA

Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr

Reported: 12/08/2011 10:25

Rancho Cordova CA 95670

GLT13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS Volatiles</b>			<b>ug/l</b>	<b>ug/l</b>	
10943	Benzene	71-43-2	150	5	10
10943	Ethylbenzene	100-41-4	26	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	2	0.5	1
10943	Toluene	108-88-3	61	0.5	1
10943	Xylene (Total)	1330-20-7	55	0.5	1
<b>GC Volatiles</b>			<b>ug/l</b>	<b>ug/l</b>	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,100	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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 18:32	Emily R Styer	1
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D113401AA	12/06/2011 16:34	Daniel H Heller	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113362AA	12/02/2011 18:32	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D113401AA	12/06/2011 16:34	Daniel H Heller	10
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 15:37	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 15:37	Marie D John	1



# Analysis Report

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Sample Description: MW-14-W-111123 Grab Water

Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
I-580 & Grant Line-Tracy T0600102298 MW-14

LLI Sample # WW 6483397  
LLI Group # 1278526  
Account # 12099

Project Name: 97127

Collected: 11/23/2011 13:00 by FT

Chevron c/o CRA

Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr

Reported: 12/08/2011 10:25

Rancho Cordova CA 95670

GLT14

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	19,000	250	500
10943	Ethylbenzene	100-41-4	1,400	25	50
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	25	50
10943	Toluene	108-88-3	9,400	25	50
10943	Xylene (Total)	1330-20-7	4,900	25	50
<b>GC Volatiles SW-846 8015B ug/l</b>					
01728	TPH-GRO N. CA water C6-C12	n.a.	68,000	2,500	50

### 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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 19:00	Emily R Styer	50
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 19:28	Emily R Styer	500
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113362AA	12/02/2011 19:00	Emily R Styer	50
01163	GC/MS VOA Water Prep	SW-846 5030B	2	P113362AA	12/02/2011 19:28	Emily R Styer	500
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 19:16	Marie D John	50
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 19:16	Marie D John	50



# Analysis Report

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Sample Description: MW-15-W-111123 Grab Water

Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
I-580 & Grant Line-Tracy T0600102298 MW-15

LLI Sample # WW 6483398  
LLI Group # 1278526  
Account # 12099

Project Name: 97127

Collected: 11/23/2011 12:10 by FT

Chevron c/o CRA

Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr

Reported: 12/08/2011 10:25

Rancho Cordova CA 95670

GLT15

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	9,500	100	200
10943	Ethylbenzene	100-41-4	260	10	20
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	10	20
10943	Toluene	108-88-3	2,200	10	20
10943	Xylene (Total)	1330-20-7	990	10	20
<b>GC Volatiles SW-846 8015B ug/l</b>					
01728	TPH-GRO N. CA water C6-C12	n.a.	24,000	2,500	50

### 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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 23:09	Emily R Styer	200
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	D113401AA	12/06/2011 16:12	Daniel H Heller	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113362AA	12/02/2011 23:09	Emily R Styer	200
01163	GC/MS VOA Water Prep	SW-846 5030B	2	D113401AA	12/06/2011 16:12	Daniel H Heller	20
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 19:38	Marie D John	50
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 19:38	Marie D John	50

**Sample Description:** SUPPLYWELL-W-111123 Grab Water  
 Facility# 97127 Job# 385251 MTI# 63H-1656 GRD  
 I-580 & Grant Line-Tracy T0600102298 SUPPLYWELL

LLI Sample # WW 6483399  
 LLI Group # 1278526  
 Account # 12099

**Project Name:** 97127

Collected: 11/23/2011 14:15 by FT

Chevron c/o CRA

Suite 107

Submitted: 11/29/2011 10:40

10969 Trade Center Dr

Reported: 12/08/2011 10:25

Rancho Cordova CA 95670

GLTSW

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
<b>GC/MS</b>	<b>Volatiles</b>	<b>SW-846 8260B</b>	<b>ug/l</b>	<b>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</b>	<b>Volatiles</b>	<b>SW-846 8015B</b>	<b>ug/l</b>	<b>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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P113362AA	12/02/2011 19:55	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P113362AA	12/02/2011 19:55	Emily R Styer	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11334A20A	12/01/2011 13:46	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11334A20A	12/01/2011 13:46	Marie D John	1

## Quality Control Summary

 Client Name: Chevron c/o CRA  
 Reported: 12/08/11 at 10:25 AM

Group Number: 1278526

Matrix QC may not be reported if insufficient sample or 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.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

### Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D113401AA	Sample number(s): 6483396, 6483398							
Benzene	N.D.	0.5	ug/l	94		79-120		
Ethylbenzene	N.D.	0.5	ug/l	91		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	89		76-120		
Toluene	N.D.	0.5	ug/l	91		79-120		
Xylene (Total)	N.D.	0.5	ug/l	91		80-120		
Batch number: P113361AA	Sample number(s): 6483390							
Benzene	N.D.	0.5	ug/l	105		79-120		
Ethylbenzene	N.D.	0.5	ug/l	103		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	106		76-120		
Toluene	N.D.	0.5	ug/l	104		79-120		
Xylene (Total)	N.D.	0.5	ug/l	98		80-120		
Batch number: P113362AA	Sample number(s): 6483391-6483399							
Benzene	N.D.	0.5	ug/l	103		79-120		
Ethylbenzene	N.D.	0.5	ug/l	104		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	106		76-120		
Toluene	N.D.	0.5	ug/l	104		79-120		
Xylene (Total)	N.D.	0.5	ug/l	98		80-120		
Batch number: 11334A20A	Sample number(s): 6483390-6483399							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	100	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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: D113401AA	Sample number(s): 6483396, 6483398 UNSPK: P487758							
Benzene	94	102	80-126	8	30			
Ethylbenzene	92	101	71-134	8	30			
Methyl Tertiary Butyl Ether	85	93	72-126	10	30			
Toluene	91	100	80-125	9	30			
Xylene (Total)	92	101	79-125	9	30			
Batch number: P113361AA	Sample number(s): 6483390 UNSPK: 6483390							
Benzene	39 (2)	-33 (2)	80-126	11	30			
Ethylbenzene	100	93	71-134	3	30			
Methyl Tertiary Butyl Ether	99	101	72-126	3	30			

\*- 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: 12/08/11 at 10:25 AM

Group Number: 1278526

### 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
Toluene	92	77*	80-125	6	30				
Xylene (Total)	95	90	79-125	3	30				
Batch number: P113362AA Sample number(s): 6483391-6483399 UNSPK: 6483391									
Benzene	104	107	80-126	3	30				
Ethylbenzene	108	109	71-134	2	30				
Methyl Tertiary Butyl Ether	104	105	72-126	1	30				
Toluene	108	109	80-125	1	30				
Xylene (Total)	101	103	79-125	2	30				

### Surrogate Quality Control

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

 Analysis Name: UST VOCs by 8260B - Water  
 Batch number: D113401AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6483398	95	92	98	98
Blank	98	95	99	97
LCS	97	100	98	101
MS	96	99	98	102
MSD	97	97	98	101
Limits:	80-116	77-113	80-113	78-113

 Analysis Name: UST VOCs by 8260B - Water  
 Batch number: P113361AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6483390	91	96	107	104
Blank	91	98	107	104
LCS	91	99	106	104
MS	91	99	107	103
MSD	91	100	106	104
Limits:	80-116	77-113	80-113	78-113

 Analysis Name: UST VOCs by 8260B - Water  
 Batch number: P113362AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6483391	89	96	105	102
6483392	90	94	106	103
6483393	90	95	104	102
6483394	90	95	105	104
6483395	89	95	105	104
6483396	90	96	105	103
6483397	89	95	105	103

\*- 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: 12/08/11 at 10:25 AM

Group Number: 1278526

### Surrogate Quality Control

6483399	90	95	104	102
Blank	89	97	105	102
LCS	89	98	105	103
MS	90	98	104	103
MSD	90	98	105	103

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Limits: 80-116      77-113      80-113      78-113

Analysis Name: TPH-GRO N. CA water C6-C12  
Batch number: 11334A20A  
Trifluorotoluene-F

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6483390	109
6483391	95
6483392	99
6483393	114
6483394	111
6483395	104
6483396	108
6483397	104
6483398	95
6483399	93
Blank	93
LCS	120
LCSD	121

---

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.

# Explanation of Symbols and Abbreviations

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

<b>RL</b>	Reporting Limit	<b>BMQL</b>	Below Minimum Quantitation Level
<b>N.D.</b>	none detected	<b>MPN</b>	Most Probable Number
<b>TNTC</b>	Too Numerous To Count	<b>CP Units</b>	cobalt-chloroplatinate units
<b>IU</b>	International Units	<b>NTU</b>	nephelometric turbidity units
<b>umhos/cm</b>	micromhos/cm	<b>ng</b>	nanogram(s)
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>ug</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>ml</b>	milliliter(s)	<b>l</b>	liter(s)
<b>m3</b>	cubic meter(s)	<b>ul</b>	microliter(s)
<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>J</b>	estimated value – The result is $\geq$ the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
<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. All other results are reported on an as-received basis.		

## U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
<b>A</b>	TIC is a possible aldol-condensation product	<b>B</b>	Value is $<$ CRDL, but $\geq$ 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 sample 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>N</b>	Presumptive evidence of a compound (TICs only)	<b>U</b>	Compound was not detected
<b>P</b>	Concentration difference between primary and confirmation columns $>25\%$	<b>W</b>	Post digestion spike out of control limits
<b>U</b>	Compound was not detected	<b>*</b>	Duplicate analysis not within control limits
<b>X,Y,Z</b>	Defined in case narrative	<b>+</b>	Correlation coefficient for MSA $<0.995$

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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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