

# GETTLER-RYAN INC.

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9:46 am, Aug 08, 2008

Alameda County  
Environmental Health

## TRANSMITTAL

July 24, 2008

G-R #385242

TO: Ms. Charlotte Evans  
Conestoga-Rovers & Associates  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

CC: Mr. Aaron Costa  
Chevron EMC  
6111 Bollinger Canyon Road,  
Room 3660  
San Ramon, California 94583  
**(VIA PDF)**

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

RE: **Chevron Service Station  
#9-0917  
5280 Hopyard Road  
Pleasanton, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	July 16, 2008	Groundwater Monitoring and Sampling Report <b>Second Quarter Event of June 19, 2008</b>

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **August 6, 2008**, at which time this final report will be distributed to the following:

cc: Mr. Dan Christopoulos, Christopoulos Properties, 43 Panoramic Way, Walnut Creek, CA 94595-1605  
Lamorinda Development and Investment, 89 Davis Road, Suite 160, Orinda, CA 94563  
Mr. Bill Hurtido, Accor North America, 4001 International Parkway, Carrollton, TX 75007  
Mr. Jerry Wickham, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 (No Hard Copy-UPLOAD TO ALAMEDA CO.)

Enclosures

trans/9-0917-AC



**Aaron Costa**  
Project Manager  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 842-0424  
Fax (925) 842-8370  
acosta@chevron.com

July 24, 2008

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

Re: Chevron Service Station No. 9-0917  
Address 5280 Hopyard Road

I have reviewed the attached routine groundwater monitoring report dated  
July 24, 2008.

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Aaron Costa". The signature is written in a cursive, flowing style.

Aaron Costa  
Project Manager

Attachment: Report

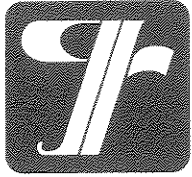
## WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-0917  
 Site Address: 5280 Hopyard Road  
 City: Pleasanton, CA

Job # 385242  
 Event Date: 6/19/08  
 Sampler: JM

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
MW-9	OK						→	N	N	8" emco	N
MW-7	OK	M	OK	2xS	OK		→	N	N	8" Pemco	N
MW-4	OK						→	N	N	12" emco	N
MW-5	OK						→	N	N	?	N
MW-6	OK						→	N	N	?	N
MW-8	OK						→	N	N	8" Pemco	N

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

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July 16, 2008  
G-R Job #385242

Mr. Aaron Costa  
Chevron Environmental Management Company  
6111 Bollinger Canyon Road, Room 3660  
San Ramon, CA 94583

**RE: Second Quarter Event of June 19, 2008**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

Dear Mr. Costa:

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.

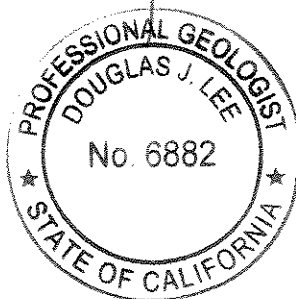
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are 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.

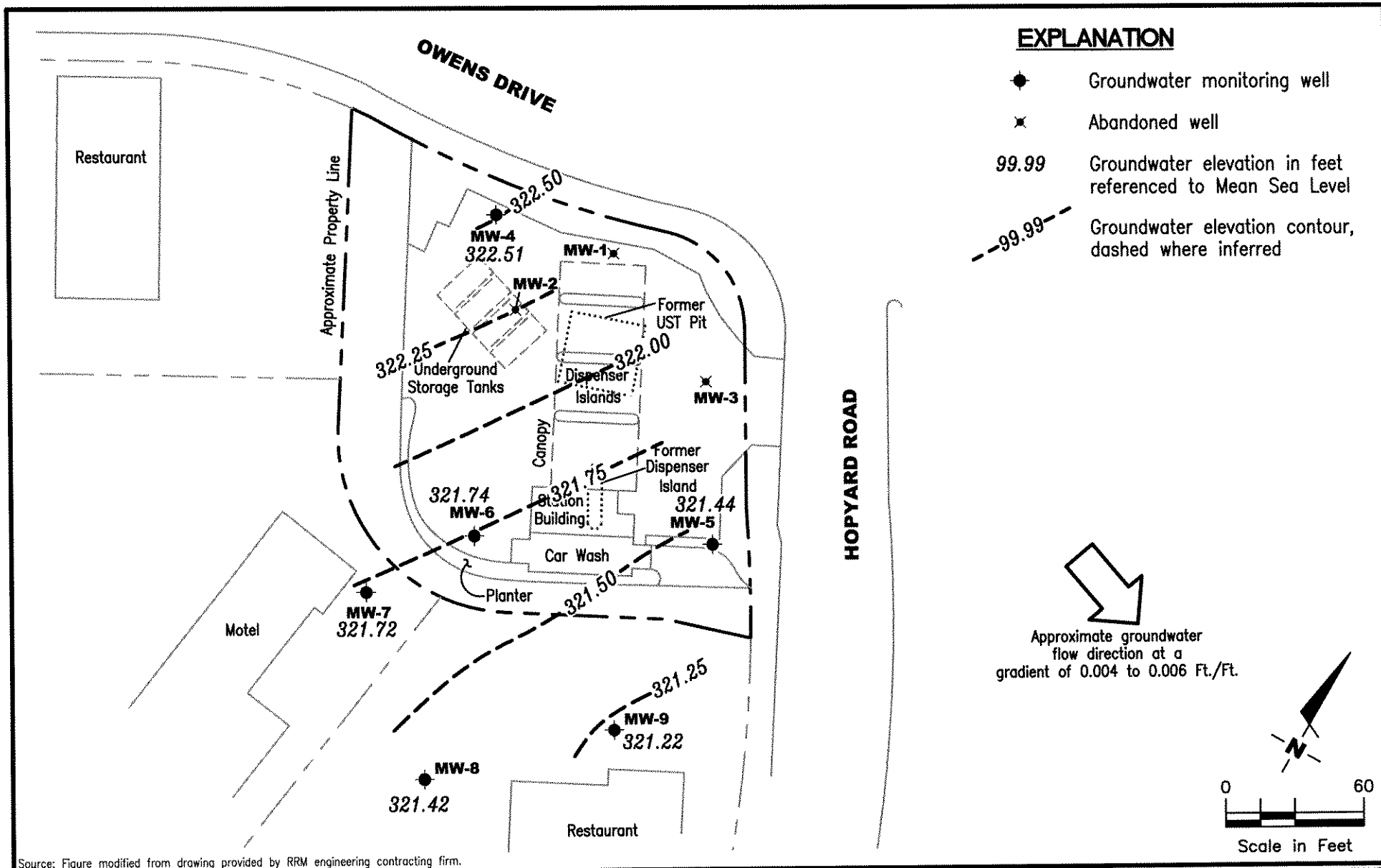
Sincerely,

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: Dissolved Oxygen Concentrations
- Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by RRM engineering contracting firm.

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

**POTENTIOMETRIC MAP**  
 Chevron Service Station #9-0917  
 5280 Hopyard Road  
 Pleasanton, California

FIGURE

1

PROJECT NUMBER  
 385242

REVIEWED BY

DATE  
 June 19, 2008

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-4</b>									
09/16/91	327.28	317.69	9.59	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	327.28	317.79	9.49	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	327.28	318.39	8.89	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	327.28	318.06	9.22	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	327.28	317.93	9.35	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	327.28	319.00	8.28	<50	<0.5	<0.5	<0.5	<0.5	--
03/22/93	327.28	319.03	8.25	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/93	327.28	318.12	9.16	--	--	--	--	--	--
07/25/93	327.28	318.18	9.10	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	327.28	318.58	8.70	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	327.28	317.38	9.90	<50	<0.5	<0.5	<0.5	0.5	--
03/21/94	327.28	318.03	9.25	<50	1.0	2.0	0.5	1.9	--
06/07/94	327.28	318.23	9.05	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	327.28	318.31	8.97	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	327.28	318.06	9.22	<50	<0.5	1.1	0.8	2.7	--
03/06/95	327.28	318.26	9.02	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	327.28	318.47	8.81	170	<0.5	<0.5	<0.5	<0.5	--
09/14/95	327.28	318.00	9.28	<50	1.0	<0.5	1.6	<0.5	--
12/16/95	327.28	319.42	7.86	<50	<0.5	<0.5	<0.5	<0.5	150
03/28/96	327.28	318.94	8.34	<50	<0.5	<0.5	<0.5	<0.5	53
06/28/96	327.28	318.79	8.49	70	<0.5	<0.5	<0.5	<0.5	92
09/26/96	327.28	318.84	8.44	--	--	--	--	--	--
12/30/96	327.28	319.10	8.18	<50	<0.5	<0.5	<0.5	<0.5	100
03/13/97	327.28	318.43	8.85	--	--	--	--	--	--
06/30/97	327.28	318.79	8.49	260	<0.5	<0.5	<0.5	<0.5	330
09/30/97	326.93	318.32	8.61	--	--	--	--	--	--
12/31/97	326.93	318.40	8.53	<50	<0.5	<0.5	<0.5	<0.5	170
04/02/98	326.93	317.98	8.95	--	--	--	--	--	--
06/29/98	326.93	318.21	8.72	<50	<0.5	<0.5	<0.5	<0.5	150
09/16/98	326.93	317.59	9.34	--	--	--	--	--	--
12/23/98	326.93	318.18	8.75	<50	<0.5	<0.5	<0.5	<0.5	210
03/26/99	326.93	317.79	9.14	<100	<1.0	<1.0	<1.0	<1.0	303
06/25/99	326.93	317.72	9.21	<50	<0.5	<0.5	<0.5	<0.5	228/237 <sup>1</sup>
09/16/99	326.93	317.01	9.92	--	--	--	--	--	--
12/15/99	326.93	318.32	8.61	<50	<0.5	<0.5	<0.5	<0.5	310
03/07/00	326.93	318.59	8.34	--	--	--	--	--	--
06/19/00	326.93	318.84	8.09	<50	<0.50	<0.50	<0.50	<0.50	370

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-4 (cont)</b>									
09/18/00	326.93	318.21	8.72	<50.0	<0.500	<0.500	<0.500	<0.500	326
12/01/00	326.93	318.03	8.90	<50.0	<0.500	<0.500	<0.500	<0.500	478
03/13/01	326.93	318.96	7.97	<50.0	<0.500	<0.500	<0.500	<0.500	9.53
06/01/01	326.93	318.62	8.31	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 <sup>7</sup>
09/07/01	326.94	318.49	8.45	<50	<0.50	<0.50	<0.50	<1.5	400
12/05/01	326.94	319.44	7.50	<50	<0.50	<0.50	<0.50	<1.5	350
03/26/02	326.94	318.96	7.98	<50	<0.50	<0.50	<0.50	<1.5	340
06/14/02	326.94	319.10	7.84	<50	<0.50	<0.50	<0.50	<1.5	290
09/20/02	326.94	319.66	7.28	<50	<0.50	<0.50	<0.50	<1.5	420
12/12/02	326.94	320.18	6.76	<50	<0.50	<0.50	<0.50	<1.5	43/42 <sup>7</sup>
03/07/03	326.94	320.78	6.16	<50	<0.50	<0.50	<0.50	<1.5	550/430 <sup>7</sup>
06/06/03 <sup>9</sup>	326.94	321.33	5.61	<50	<0.5	<0.5	<0.5	<0.5	3
09/05/03 <sup>9</sup>	326.94	319.29	7.65	<50	<0.5	<0.5	<0.5	<0.5	11
12/15/03 <sup>9</sup>	326.94	319.63	7.31	<50	<0.5	<0.5	<0.5	<0.5	5
03/15/04 <sup>9</sup>	326.94	319.02	7.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 <sup>9</sup>	326.94	318.69	8.25	<50	<0.5	<0.5	<0.5	<0.5	17
09/02/04 <sup>9</sup>	326.94	319.55	7.39	<50	<0.5	<0.5	<0.5	<0.5	0.5
11/30/04 <sup>9</sup>	326.94	319.66	7.28	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05 <sup>9</sup>	326.94	321.03	5.91	<50	<0.5	<0.5	<0.5	<0.5	0.7
06/29/05 <sup>9</sup>	326.94	321.67	5.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 <sup>9</sup>	326.94	321.24	5.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05	326.94	320.81	6.13	SAMPLED ANNUALLY	--	--	--	--	--
03/10/06 <sup>9</sup>	326.94	319.59	7.35	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06	326.94	319.09	7.85	SAMPLED ANNUALLY	--	--	--	--	--
09/05/06	326.94	319.00	7.94	SAMPLED ANNUALLY	--	--	--	--	--
12/01/06	326.94	318.88	8.06	SAMPLED ANNUALLY	--	--	--	--	--
02/26/07 <sup>9</sup>	326.94	319.05	7.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07	326.94	319.07	7.87	SAMPLED ANNUALLY	--	--	--	--	--
08/30/07	326.94	319.05	7.89	SAMPLED ANNUALLY	--	--	--	--	--
11/26/07	326.94	319.25	7.69	SAMPLED ANNUALLY	--	--	--	--	--
02/07/08 <sup>9</sup>	326.94	320.20	6.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>06/19/08</b>	<b>329.77</b>	<b>322.51</b>	<b>7.26</b>	<b>SAMPLED ANNUALLY</b>	--	--	--	--	--
<b>MW-5</b>									
09/16/91	327.82	317.76	10.06	12,000	4,000	29	1,600	92	--
01/22/92	327.82	317.24	10.58	44,000	2,000	320	5,700	2,400	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-5 (cont)</b>									
03/26/92	327.82	318.64	9.18	39,000	3,200	210	5,700	2,400	--
06/05/92	327.82	317.92	9.90	28,000	3,800	140	4,000	2,000	--
09/23/92	327.82	317.85	9.97	40,000	2,000	290	2,900	1,800	--
12/30/92	327.82	319.02	8.80	44,000	9,000	190	3,100	1,600	--
03/22/93	327.82	318.49	9.33	43,000	6,500	170	2,400	2,400	--
06/14/93	327.82	318.04	9.78	--	--	--	--	--	--
07/25/93	327.82	318.10	9.72	43,000	550	45	2,700	1,100	--
09/23/93	327.82	318.40	9.42	44,000	14,000	640	3,700	1,800	--
12/28/93	327.82	318.15	9.67	56,000	12,000	590	4,100	1,600	--
03/21/94	327.82	318.11	9.71	48,000	12,000	600	4,700	1,600	--
06/07/94	327.82	318.10	9.72	42,000	13,000	480	3,700	1,200	--
10/07/94	327.82	318.27	9.55	15,000	1,100	41	950	34	--
12/29/94	327.82	317.90	9.92	45,000	12,000	460	3,600	1,400	--
03/06/95	327.82	318.50	9.32	40,000	9,700	210	3,500	700	--
06/14/95	327.82	318.41	9.41	42,000	8,000	170	3,700	640	--
09/14/95	327.82	317.30	10.52	26,000	4,100	85	2,000	270	--
12/16/95	327.82	319.48	8.34	35,000	7,300	<0.5	2,900	420	<500
03/28/96	327.82	318.09	9.73	30,000	5,200	160	3,500	600	<250
06/28/96	327.82	318.37	9.45	26,000	4,300	60	2,100	200	680
09/26/96	327.82	317.95	9.87	15,000	2,700	59	1,300	140	400
12/30/96	327.82	318.82	9.00	34,000	4,600	120	2,800	660	310
03/13/97	327.82	318.33	9.49	13,000	1,900	34	1,300	220	76
06/30/97	327.82	318.19	9.63	11,000	1,800	19	84	94	160
10/01/97	327.82	318.08	9.74	27,000	4,700	120	3,700	330	310
12/31/97	327.82	318.34	9.48	34,000	8,000	130	3,400	3,900	<500
04/02/98	327.82	317.44	10.38	27,000	4,600	65	3,400	270	270
06/29/98	327.82	317.79	10.03	16,000	3,000	<50	1,800	220	290
09/16/98	327.82	318.84	8.98	9,700	2,700	52	1,400	210	<250
12/23/98	327.82	318.00	9.82	5,100	1,600	18	570	39	130
03/26/99 <sup>2</sup>	327.82	318.26	9.56	25,800	4,410	58.4	2,550	57.2	137
06/25/99	327.82	INACCESSIBLE	--	--	--	--	--	--	--
09/16/99	327.82	317.51	10.31	8,850	1,310	20.3	802	120	155
12/15/99	327.82	317.52	10.30	10,000	2,800	33	1,600	160	250
03/07/00	327.82	318.29	9.53	18,700	3,830	95.6	1,900	305	309
06/19/00 <sup>3</sup>	327.82	318.90	8.92	1,000 <sup>4</sup>	290	3.4	<1.0	14	52
09/18/00 <sup>3,6</sup>	327.82	318.18	9.64	924 <sup>5</sup>	205	<5.00	<5.00	<5.00	83.1
12/01/00 <sup>3</sup>	327.82	318.05	9.77	<50.0	0.878	<0.500	<0.500	<0.500	<5.00



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-5 (cont)</b>									
03/13/01 <sup>3</sup>	327.82	318.67	9.15	333	55.0	0.803	21.8	1.44	2.07
06/01/01 <sup>3</sup>	327.82	317.71	10.11	130 <sup>4</sup>	36	<0.50	<0.50	<0.50	7.8/<2.0 <sup>7</sup>
09/07/01 <sup>8</sup>	327.82	318.43	9.39	2,600	330	<10	200	12	14
12/05/01	327.82	319.57	8.25	25,000	730	36	2,900	650	<25
03/26/02	327.82	319.44	8.38	25,000	1,500	31	2,100	400	<100
06/14/02	327.82	320.18	7.64	27,000	900	52	2,400	320	<50
09/20/02	327.82	320.45	7.37	26,000	450	50	2,400	1,100	<100
12/12/02	327.82	320.33	7.49	23,000	260	32	1,900	1,100	<50/<2 <sup>7</sup>
03/07/03	327.82	320.38	7.44	21,000	270	39	2,000	1,100	<25/<1 <sup>7</sup>
06/06/03 <sup>9</sup>	327.82	321.10	6.72	1,700	22	3	190	140	<0.5
09/05/03 <sup>9</sup>	327.82	318.90	8.92	20,000	170	23	1,200	1,100	<2
12/15/03 <sup>9</sup>	327.82	319.47	8.35	22,000	240	23	1,300	970	<1
03/15/04 <sup>9</sup>	327.82	318.80	9.02	17,000	150	20	1,400	790	<1
06/14/04 <sup>9</sup>	327.82	319.45	8.37	15,000	100	12	1,300	730	<1
09/02/04 <sup>9</sup>	327.82	319.92	7.90	12,000	81	12	960	600	<3
11/30/04 <sup>9</sup>	327.82	319.62	8.20	13,000	54	8	750	280	<1
03/11/05 <sup>9</sup>	327.82	320.41	7.41	11,000	50	5	810	120	<1
06/29/05 <sup>9</sup>	327.82	320.07	7.75	10,000	58	5	600	75	<0.5
09/14/05 <sup>9</sup>	327.82	320.26	7.56	11,000	49	4	660	49	<0.5
12/06/05 <sup>9</sup>	327.82	320.09	7.73	6,500	26	2	210	21	<0.5
03/10/06 <sup>9</sup>	327.82	319.46	8.36	7,500	45	2	420	13	<0.5
06/06/06 <sup>9</sup>	327.82	318.82	9.00	8,000	40	1	340	6	<0.5
09/05/06 <sup>9</sup>	327.82	319.06	8.76	8,200	28	1	340	2	<0.5
12/01/06 <sup>9</sup>	327.82	319.02	8.80	6,400	26	1	360	3	0.5
02/26/07 <sup>9</sup>	327.82	319.98	7.84	7,500	26	<0.5	370	3	<0.5
06/01/07 <sup>9</sup>	327.82	318.78	9.04	6,000	24	1	330	3	<0.5
08/30/07 <sup>9</sup>	327.82	318.31	9.51	6,200	24	1	260	3	<0.5
11/26/07 <sup>9</sup>	327.82	318.65	9.17	8,500	29	<1	330	2	<1
02/07/08 <sup>9</sup>	327.82	319.06	8.76	8,600	60	<1	310	2	<1
06/19/08 <sup>9</sup>	<b>330.30</b>	<b>321.44</b>	<b>8.86</b>	<b>2,300</b>	<b>53</b>	<b>0.8</b>	<b>210</b>	<b>2</b>	<b>&lt;0.5</b>
<b>MW-6</b>									
09/16/91	328.48	317.87	10.61	6,200	1,300	3.9	550	78	--
01/22/92	328.48	318.18	10.30	18,000	2,800	48	2,000	440	--
03/26/92	328.48	318.98	9.50	21,000	3,300	17	2,100	300	--
06/05/92	328.48	318.14	10.34	14,000	2,800	9.2	1,800	270	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-6 (cont)</b>									
09/23/92	328.48	317.92	10.56	19,000	1,000	40	1,200	230	--
12/30/92	328.48	318.71	9.75	15,000	1,100	<5.0	1,000	77	--
03/22/93	328.48	319.21	9.27	15,000	1,300	10	770	220	--
06/14/93	328.48	318.33	10.15	--	--	--	--	--	--
07/25/93	328.48	318.23	10.25	6,400	630	<2.5	440	6.0	--
09/23/93	328.48	318.31	10.17	9,500	1,000	23	690	110	--
12/28/93	328.48	317.96	10.52	11,000	890	31	730	48	--
03/21/94	328.48	318.20	10.28	5,700	380	10	270	22	--
06/07/94	328.48	318.20	10.28	5,300	600	4.4	370	26	--
10/07/94	328.48	318.06	10.42	2,600	270	<5.0	110	<5.0	--
12/29/94	328.48	318.23	10.25	4,500	560	6.2	360	<5.0	--
03/06/95	328.48	319.12	9.36	4,100	480	15	290	20	--
06/14/95	328.48	318.37	10.11	2,800	180	6.9	110	6.6	--
09/14/95	328.48	318.21	10.27	3,100	370	<0.5	250	<0.5	--
12/16/95	328.48	319.21	9.27	1,900	210	<0.5	76	<0.5	<13
03/28/96	328.48	319.13	9.35	1,000	120	<0.5	64	<0.5	<5.0
06/28/96	328.48	318.70	9.78	950	110	0.8	44	<0.5	22
09/26/96	328.48	319.02	9.46	1,100	120	1.6	48	<0.5	17
12/30/96	328.48	319.45	9.03	3,200	260	2.3	120	<0.5	23
03/13/97	328.48	318.76	9.72	2,000	250	<0.5	110	<0.5	<5.0
06/30/97	328.48	318.81	9.67	470	<0.5	1.2	<0.5	<0.5	<5.0
10/01/97	327.82	318.53	9.29	1,500	120	3.4	27	<0.5	20
12/31/97	327.82	317.61	10.21	1,500	79	<2.5	28	<2.5	<12
04/02/98	327.82	318.86	8.96	760	48	2.3	9.9	<1.0	15
06/29/98	327.82	318.45	9.37	340	29	<2.5	7.1	<2.5	18
09/16/98	327.82	318.60	9.22	340	18	1.4	5.6	<1.0	18
12/23/98	327.82	317.51	10.31	390	5.4	1.2	0.58	1.2	15
03/26/99 <sup>2</sup>	327.82	317.91	9.91	1,310	132	18.5	38.5	1.88	19.1
06/25/99	327.82	317.50	10.32	856	37.4	5.2	10.7	<0.5	<2.0/<5.0 <sup>1</sup>
09/16/99	327.82	317.28	10.54	<50	1.19	<0.5	<0.5	<0.5	<5.0
12/15/99	327.82	319.33	8.49	1,400	110	<5.0	35	<5.0	37
03/07/00	327.82	318.60	9.22	1,200	97.9	2.16	44.8	<1.25	26
06/19/00 <sup>3</sup>	327.82	318.42	9.40	160 <sup>1</sup>	1.4	0.73	5.4	2.4	7.9
09/18/00 <sup>3,6</sup>	327.82	317.74	10.08	234 <sup>5</sup>	<0.500	1.72	<0.500	<0.500	<5.00
12/01/00 <sup>3</sup>	327.82	317.56	10.26	79.5 <sup>5</sup>	1.74	<0.500	<0.500	<0.500	<5.00
03/13/01 <sup>3</sup>	327.82	318.53	9.29	180	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01 <sup>3</sup>	327.82	317.24	10.58	280 <sup>4</sup>	4.1	0.62	<0.50	<0.50	25/<2.0 <sup>7</sup>

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**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-6 (cont)</b>									
09/07/01 <sup>8</sup>	327.83	317.92	9.91	1,200	70	<0.50	42	1.9	<2.5
12/05/01	327.83	319.02	8.81	1,600	45	<2.0	26	<1.5	<2.5
03/26/02	327.83	318.90	8.93	590	6.0	<0.50	<0.50	<1.5	<2.5
06/14/02	327.83	318.97	8.86	740	15	<0.50	<0.50	<1.5	<2.5
09/20/02	327.83	319.83	8.00	770	9.8	1.9	0.71	<1.5	<2.5
12/12/02	327.83	319.83	8.00	780	5.7	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
03/07/03	327.83	320.05	7.78	1,100	130	<0.50	19	<1.5	<2.5/<0.5 <sup>7</sup>
06/06/03 <sup>9</sup>	327.83	320.79	7.04	61	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	327.83	318.79	9.04	390	<0.5	<0.5	<0.5	<0.5	0.9
12/15/03 <sup>9</sup>	327.83	319.24	8.59	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	327.83	318.92	8.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 <sup>9</sup>	327.83	318.62	9.21	700	<0.5	<0.5	<0.5	<0.5	19
09/02/04 <sup>9</sup>	327.83	319.14	8.69	610	<0.5	<0.5	<0.5	<0.5	15
11/30/04 <sup>9</sup>	327.83	319.28	8.55	290	0.9	<0.5	<0.5	<0.5	14
03/11/05 <sup>9</sup>	327.83	320.57	7.26	720	<0.5	<0.5	<0.5	<0.5	56
06/29/05 <sup>9</sup>	327.83	320.72	7.11	370	<0.5	<0.5	<0.5	<0.5	22
09/14/05 <sup>9</sup>	327.83	320.51	7.32	310	<0.5	<0.5	<0.5	<0.5	8
12/06/05 <sup>9</sup>	327.83	320.21	7.62	190	<0.5	<0.5	<0.5	<0.5	4
03/10/06 <sup>9</sup>	327.83	319.40	8.43	110	<0.5	<0.5	<0.5	<0.5	4
06/06/06 <sup>9</sup>	327.83	318.59	9.24	510	<0.5	<0.5	<0.5	<0.5	5
09/05/06 <sup>9</sup>	327.83	318.47	9.36	290	<0.5	<0.5	<0.5	<0.5	4
12/01/06 <sup>9</sup>	327.83	318.22	9.61	230	<0.5	<0.5	<0.5	<0.5	4
02/26/07 <sup>9</sup>	327.83	318.97	8.86	<50	<0.5	<0.5	<0.5	<0.5	3
06/01/07 <sup>9</sup>	327.83	318.60	9.23	630	<0.5	<0.5	<0.5	<0.5	4
08/30/07 <sup>9</sup>	327.83	318.41	9.42	210	<0.5	<0.5	<0.5	<0.5	3
11/26/07 <sup>9</sup>	327.83	318.45	9.38	210	<0.5	<0.5	<0.5	<0.5	2
02/07/08 <sup>9</sup>	-- <sup>10</sup>	-- <sup>10</sup>	8.26	<50	<0.5	<0.5	<0.5	<0.5	2
06/19/08 <sup>9</sup>	<b>330.74</b>	<b>321.74</b>	<b>9.00</b>	<b>130</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>2</b>
<b>MW-7</b>									
06/17/97	326.37	318.32	8.05	ND	ND	ND	ND	ND	ND
09/30/97	326.37	318.78	7.59	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	326.37	318.49	7.88	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	326.37	319.06	7.31	<50	2.6	<0.5	<0.5	<0.5	<2.5
06/29/98	326.37	318.39	7.98	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	326.37	318.55	7.82	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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Chevron Service Station #9-0917  
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WELL ID/ DATE	TOC (ft.) ( $\mu\text{g/L}$ )	GWE (msl)	DTW (ft.)	TPH-G ( $\mu\text{g/L}$ )	B ( $\mu\text{g/L}$ )	T ( $\mu\text{g/L}$ )	E ( $\mu\text{g/L}$ )	X ( $\mu\text{g/L}$ )	MTBE ( $\mu\text{g/L}$ )
<b>MW-7 (cont)</b>									
12/23/98	326.37	318.37	8.00	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	326.37	318.43	7.94	<50	<0.5	<0.5	<0.5	<0.5	<2.0
06/25/99	326.37	318.65	7.72	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	326.37	317.61	8.76	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	326.37	318.42	7.95	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	326.37	319.38	6.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	326.37	318.64	7.73	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00 <sup>6</sup>	326.37	318.21	8.16	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	326.37	317.06	9.31	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	326.37	318.65	7.72	<50.0	<0.500	<0.500	<0.500	<0.500	1.10
06/01/01	326.37	318.40	7.97	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 <sup>7</sup>
09/07/01	326.37	318.61	7.76	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	326.37	318.99	7.38	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	326.37	318.96	7.41	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	326.37	318.85	7.52	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	326.37	319.65	6.72	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	326.37	319.18	7.19	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
03/07/03	326.37	319.48	6.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>7</sup>
06/06/03 <sup>9</sup>	326.37	319.62	6.75	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	326.37	318.75	7.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 <sup>9</sup>	326.37	319.16	7.21	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	326.37	318.48	7.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 <sup>9</sup>	326.37	318.56	7.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04 <sup>9</sup>	326.37	318.59	7.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04 <sup>9</sup>	326.37	318.67	7.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05 <sup>9</sup>	326.37	320.14	6.23	<50	<0.5	<0.5	<0.5	<0.5	0.7
06/29/05 <sup>9</sup>	326.37	319.84	6.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 <sup>9</sup>	326.37	319.69	6.68	<50	<0.5	<0.5	<0.5	<0.5	11
12/06/05 <sup>9</sup>	326.37	319.34	7.03	<50	<0.5	<0.5	<0.5	<0.5	12
03/10/06 <sup>9</sup>	326.37	319.27	7.10	<50	<0.5	<0.5	<0.5	<0.5	8
06/06/06 <sup>9</sup>	326.37	318.60	7.77	<50	<0.5	<0.5	<0.5	<0.5	9
09/05/06 <sup>9</sup>	326.37	318.55	7.82	<50	<0.5	<0.5	<0.5	<0.5	6
12/01/06 <sup>9</sup>	326.37	318.32	8.05	<50	<0.5	<0.5	<0.5	<0.5	2
02/26/07 <sup>9</sup>	326.37	318.89	7.48	<50	<0.5	<0.5	<0.5	<0.5	3
06/01/07 <sup>9</sup>	326.37	318.74	7.63	<50	<0.5	<0.5	<0.5	<0.5	2
08/30/07 <sup>9</sup>	326.37	318.44	7.93	<50	<0.5	<0.5	<0.5	<0.5	1

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Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-7 (cont)</b>									
11/26/07 <sup>9</sup>	326.37	318.44	7.93	<50	<0.5	<0.5	<0.5	<0.5	0.9
02/07/08 <sup>9</sup>	326.37	319.76	6.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08 <sup>9</sup>	<b>329.50</b>	<b>321.72</b>	<b>7.78</b>	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>
<b>MW-8</b>									
06/17/97	325.89	318.15	7.74	ND	ND	ND	ND	ND	ND
09/30/97	325.89	318.16	7.73	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.89	318.27	7.62	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.89	318.48	7.41	<50	<0.5	1.3	0.67	3.5	<2.5
06/29/98	325.89	317.98	7.91	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.89	318.42	7.47	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.89	318.28	7.61	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	325.89	316.81	9.08	<50	<0.5	<0.5	<0.5	<0.5	5.01
06/25/99	325.89	315.94	9.95	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	325.89	316.00	9.89	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	325.89	317.14	8.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	325.89	317.11	8.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	325.89	318.34	7.55	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	325.89	317.64	8.25	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	325.89	317.45	8.44	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	325.89	318.32	7.57	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01	325.89	317.97	7.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 <sup>7</sup>
09/07/01	325.89	318.11	7.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	325.89	318.57	7.32	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	325.89	318.18	7.71	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/14/02	325.89	318.24	7.65	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	325.89	318.53	7.36	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	325.89	319.00	6.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
03/07/03	325.89	318.94	6.95	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>7</sup>
06/06/03 <sup>9</sup>	325.89	319.09	6.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	325.89	317.24	8.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 <sup>9</sup>	325.89	317.62	8.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	325.89	318.64	7.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 <sup>9</sup>	325.89	318.03	7.86	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04 <sup>9</sup>	325.89	318.05	7.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04 <sup>9</sup>	325.89	318.16	7.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-8 (cont)</b>									
03/11/05 <sup>9</sup>	325.89	319.46	6.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05 <sup>9</sup>	325.89	317.50	8.39	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 <sup>9</sup>	325.89	318.58	7.31	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05	325.89	318.78	7.11	SAMPLED ANNUALLY	--	--	--	--	--
03/10/06 <sup>9</sup>	325.89	318.77	7.12	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06	325.89	318.45	7.44	SAMPLED ANNUALLY	--	--	--	--	--
09/05/06	325.89	318.08	7.81	SAMPLED ANNUALLY	--	--	--	--	--
12/01/06	325.89	318.55	7.34	SAMPLED ANNUALLY	--	--	--	--	--
02/26/07 <sup>9</sup>	325.89	318.70	7.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07	325.89	318.38	7.51	SAMPLED ANNUALLY	--	--	--	--	--
08/30/07	325.89	317.92	7.97	SAMPLED ANNUALLY	--	--	--	--	--
11/26/07	325.89	318.24	7.65	SAMPLED ANNUALLY	--	--	--	--	--
02/07/08 <sup>9</sup>	325.89	319.06	6.83	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08	329.01	321.42	7.59	SAMPLED ANNUALLY	--	--	--	--	--
<b>MW-9</b>									
06/20/97	325.73	317.88	7.85	ND	ND	ND	ND	ND	ND
10/01/97	325.73	318.10	7.63	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	325.73	318.53	7.20	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	325.73	318.52	7.21	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	325.73	315.31	10.42	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	325.73	315.99	9.74	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	325.73	317.59	8.14	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	325.73	317.62	8.11	<50	<0.5	<0.5	<0.5	<0.5	<2.0
06/25/99	325.73	318.28	7.45	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	325.73	316.87	8.86	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	325.73	317.93	7.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	325.73	318.37	7.36	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	325.73	318.39	7.34	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	325.73	317.61	8.12	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	325.73	317.46	8.27	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
03/13/01	325.73	318.34	7.39	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01	325.73	317.92	7.81	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 <sup>7</sup>
09/07/01	325.73	317.55	8.18	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	325.73	318.58	7.15	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	325.73	318.47	7.26	<50	<0.50	<0.50	<0.50	<1.5	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-9 (cont)</b>									
06/14/02	325.73	318.62	7.11	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	325.73	318.74	6.99	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	325.73	318.92	6.81	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 <sup>7</sup>
03/07/03	325.73	318.95	6.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 <sup>7</sup>
06/06/03 <sup>9</sup>	325.73	319.09	6.64	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	325.73	318.30	7.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 <sup>9</sup>	325.73	318.65	7.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	325.73	318.43	7.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 <sup>9</sup>	325.73	318.28	7.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04 <sup>9</sup>	325.73	318.48	7.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04 <sup>9</sup>	325.73	318.62	7.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05 <sup>9</sup>	325.73	319.44	6.29	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05 <sup>9</sup>	325.73	319.11	6.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05	325.73	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
12/06/05	325.73	318.75	6.98	SAMPLED ANNUALLY		--	--	--	--
03/10/06 <sup>9</sup>	325.73	318.72	7.01	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06	325.73	318.27	7.46	SAMPLED ANNUALLY		--	--	--	--
09/05/06	325.73	318.24	7.49	SAMPLED ANNUALLY		--	--	--	--
12/01/06	325.73	318.11	7.62	SAMPLED ANNUALLY		--	--	--	--
02/26/07 <sup>9</sup>	325.73	318.44	7.29	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07	325.73	318.22	7.51	SAMPLED ANNUALLY		--	--	--	--
08/30/07	325.73	318.06	7.67	SAMPLED ANNUALLY		--	--	--	--
11/26/07	325.73	318.02	7.71	SAMPLED ANNUALLY		--	--	--	--
02/07/08 <sup>9</sup>	325.73	318.64	7.09	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08	328.85	321.22	7.63	SAMPLED ANNUALLY		--	--	--	--
<b>MW-1</b>									
07/12/89	326.48	--	--	100	<0.5	<0.5	6.0	<0.5	--
08/02/89	326.48	318.38	8.10	--	--	--	--	--	--
10/24/89	326.48	318.97	7.51	<50	1.0	<0.5	13	<0.5	--
03/12/90	326.48	318.07	8.41	140	0.8	<0.5	1.0	<0.5	--
03/26/90	326.48	318.34	8.14	--	--	--	--	--	--
06/22/90	326.48	318.17	8.31	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	326.48	318.35	8.14	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.48	318.34	8.02	77	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-2</b>									
07/17/89	327.53	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	327.53	318.48	9.05	--	--	--	--	--	--
10/24/89	327.53	318.29	9.24	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	327.53	317.46	10.07	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	327.53	317.48	10.05	--	--	--	--	--	--
06/22/90	327.53	317.48	10.05	<50	<0.5	<0.5	<0.5	<0.5	--
09/11/90	327.53	317.85	9.68	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	327.53	318.30	9.23	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									
<b>MW-3</b>									
07/17/89	326.47	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
08/02/89	326.47	318.32	8.15	--	--	--	--	--	--
10/24/89	326.47	318.88	7.59	<50	<0.5	<0.5	<0.5	<0.5	--
03/12/90	326.47	318.00	8.47	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/90	326.47	317.64	8.83	--	--	--	--	--	--
06/22/90	326.47	317.64	8.83	<50	0.4	<0.5	0.8	<0.5	--
09/11/90	326.47	318.06	8.41	<50	<0.5	<0.5	<0.5	<0.5	--
04/18/91	326.47	318.49	7.98	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED									
<b>BAILER BLANK</b>									
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
<b>TRIP BLANK</b>									
06/22/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--
09/16/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/26/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/05/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/30/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>TRIP BLANK (cont)</b>									
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/25/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/23/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/28/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/21/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/06/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/14/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/14/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/16/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
09/26/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/30/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
03/13/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/30/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/01/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/31/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/02/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/29/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/23/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/26/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
09/16/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
12/15/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/07/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/18/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
12/01/00	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00
<b>QA</b>									
03/13/01	--	--	--	<50.0	<0.500	1.61	<0.500	0.593	<0.500
06/01/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/07/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/05/01	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>QA (cont)</b>									
06/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/20/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/12/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/07/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/06/03 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/10/06 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/06 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/01/06 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/26/07 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/30/07 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/07 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/08 <sup>9</sup>	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>06/19/08<sup>9</sup></b>	--	--	--	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

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**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to June 19, 2000, were compiled by reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl Tertiary Butyl Ether

(µg/L) = Micrograms per liters

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

\* TOC elevations were surveyed on April 10, 2008 by Morrow Surveying. Vertical datum is NAVD 88.

<sup>1</sup> Confirmation run.

<sup>2</sup> ORC installed.

<sup>3</sup> ORC present in well.

<sup>4</sup> Laboratory report indicates gasoline C6-C12.

<sup>5</sup> Laboratory report indicates unidentified hydrocarbons C6-C12.

<sup>6</sup> Laboratory report indicates insufficient preservative to reduce sample pH to less than 2. Sample was analyzed within 14 days, but beyond the seventh day recommended for Benzene, Toluene, Xylenes, and Ethylbenzene.

<sup>7</sup> MTBE by EPA Method 8260.

<sup>8</sup> Removed ORC from well.

<sup>9</sup> BTEX and MTBE by EPA Method 8260.

<sup>10</sup> TOC has been altered, not used in contouring.

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-4	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	42	<2	<2	<2	<2	<2
	03/07/03	--	<5	430	<0.5	<0.5	3	<0.5	<0.5
	06/06/03	--	--	3	--	--	--	--	--
	09/05/03	<50	--	11	--	--	--	--	--
	12/15/03	<50	--	5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	17	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	0.7	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/06/05	SAMPLED ANNUALLY		--	--	--	--	--	--
	03/10/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	
02/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	
MW-5	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<10	<1	<1	<1	<1	<1	<1
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<200	--	<2	--	--	--	--	--
	12/15/03	<130	--	<1	--	--	--	--	--
	03/15/04	<130	<13	<1	<1	<1	<1	--	--
	06/14/04	<100	<10	<1	<1	<1	<1	--	--
	09/02/04	<250	<25	<3	<3	<3	<3	--	--
	11/30/04	<130	<13	<1	<1	<1	<1	--	--
	03/11/05	<100	<10	<1	<1	<1	<1	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/06/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/10/06	<50	13	<0.5	<0.5	<0.5	<0.5	--	--
06/06/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--	
09/05/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--	
12/01/06	<50	<5	0.5	<0.5	<0.5	<0.5	--	--	
02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-5 (cont)	06/01/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	08/30/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	11/26/07	<100	<4	<1	<1	<1	<1	--	--
	02/07/08	<100	<4	<1	<1	<1	<1	--	--
	<b>06/19/08</b>	<b>&lt;50</b>	<b>&lt;2</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>--</b>
MW-6	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	4	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	1	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	0.9	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	19	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	15	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	14	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	56	<0.5	<0.5	3	--	--
	06/29/05	<50	<5	22	<0.5	<0.5	0.8	--	--
	09/14/05	<50	<5	8	<0.5	<0.5	<0.5	--	--
	12/06/05	<50	<5	4	<0.5	<0.5	<0.5	--	--
	03/10/06	<50	<5	4	<0.5	<0.5	<0.5	--	--
	06/06/06	<50	<5	5	<0.5	<0.5	<0.5	--	--
	09/05/06	<50	<5	4	<0.5	<0.5	<0.5	--	--
	12/01/06	<50	<5	4	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	3	<0.5	<0.5	<0.5	--	--
	06/01/07	<50	<2	4	<0.5	<0.5	<0.5	--	--
08/30/07	<50	<2	3	<0.5	<0.5	<0.5	--	--	
11/26/07	<50	<2	2	<0.5	<0.5	<0.5	--	--	
02/07/08	<50	<2	2	<0.5	<0.5	<0.5	--	--	
<b>06/19/08</b>	<b>&lt;50</b>	<b>&lt;2</b>	<b>2</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>--</b>	
MW-7	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-7 (cont)	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	0.7	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	11	<0.5	<0.5	<0.5	--	--
	12/06/05	<50	<5	12	<0.5	<0.5	<0.5	--	--
	03/10/06	<50	<5	8	<0.5	<0.5	<0.5	--	--
	06/06/06	<50	<5	9	<0.5	<0.5	<0.5	--	--
	09/05/06	<50	<5	6	<0.5	<0.5	<0.5	--	--
	12/01/06	<50	<5	2	<0.5	<0.5	<0.5	--	--
	02/26/07	<50	<2	3	<0.5	<0.5	<0.5	--	--
	06/01/07	<50	<2	2	<0.5	<0.5	<0.5	--	--
	08/30/07	<50	<2	1	<0.5	<0.5	<0.5	--	--
	11/26/07	<50	<2	0.9	<0.5	<0.5	<0.5	--	--
	02/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
<b>06/19/08</b>	<b>&lt;50</b>	<b>&lt;2</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	--	--
MW-8	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	12/06/05	SAMPLED ANNUALLY	--	--	--	--	--	--	--
03/10/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--	
02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	
02/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)
MW-9	06/01/01	--	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	12/12/02	--	<100	<2	<2	<2	<2	<2	<2
	03/07/03	--	<5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	06/06/03	--	--	<0.5	--	--	--	--	--
	09/05/03	<50	--	<0.5	--	--	--	--	--
	12/15/03	<50	--	<0.5	--	--	--	--	--
	03/15/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/14/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/02/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	11/30/04	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	03/11/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	06/29/05	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
	09/14/05	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--	--	--
	12/06/05	SAMPLED ANNUALLY			--	--	--	--	--
	03/10/06	<50	<5	<0.5	<0.5	<0.5	<0.5	--	--
02/26/07	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	
02/07/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, 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  
1,2-DCA = 1,2-Dichloroethane  
EDB = Ethylene dibromide/1,2-Dibromoethane  
( $\mu\text{g/L}$ ) = Micrograms per liters  
-- = Not Analyzed

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds



**Table 3**  
**Dissolved Oxygen Concentrations**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

<b>WELL ID</b>	<b>DATE</b>	<b>D.O. Pre-Purge (mg/L)</b>	<b>D.O. Post-Purge (mg/L)</b>
<b>MW-4</b>	09/07/01	1.96	--
	12/05/01	1.96	--
	03/26/02	2.10	--
	06/14/02	3.10	--
	09/20/02	2.30	--
	12/12/02	2.10	--
	03/07/03	0.40	--
	06/06/03	2.10	--
	09/05/03	2.00	--
	12/15/03	2.46	--
	03/15/04	1.20	--
	06/14/04	1.80	--
	09/02/04	1.60	--
	11/30/04	1.80	--
	03/11/05	2.30	--
	06/29/05	2.40	--
	09/14/05	2.70	--
03/10/06	2.20	--	
02/26/07	2.60	--	
02/07/08	2.2	--	
<b>MW-5</b>	06/19/00	9.65	--
	09/18/00	3.59	--
	12/01/00	3.76	--
	03/13/01	3.59	--
	06/01/01	3.36	--
	09/07/01	4.02	--
	12/05/01	1.04	--
	03/26/02	1.00	--
	06/14/02	0.90	--
	09/20/02	1.00	--
	12/12/02	1.10	--
	03/07/03	0.10	--
	06/06/03	0.80	--
	09/05/03	1.00	--
	12/15/03	1.78	--
	03/15/04	1.60	--
	06/14/04	2.40	--
	09/02/04	1.90	--
	11/30/04	2.00	--
	03/11/05	2.30	--
	06/29/05	1.90	--
	09/14/05	1.60	--
	12/06/05	2.10	--
	03/10/06	1.80	--
	06/06/06	1.10	--
09/05/06	1.70	--	
12/01/06	1.90	--	
02/26/07	2.20	--	
06/01/07	1.9	--	
08/30/07	2.3	--	

**Table 3**  
**Dissolved Oxygen Concentrations**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

<b>WELL ID</b>	<b>DATE</b>	<b>D.O. Pre-Purge (mg/L)</b>	<b>D.O. Post-Purge (mg/L)</b>
MW-5 (cont)	11/26/07	2.4	--
	02/07/08	-- <sup>1</sup>	--
	<b>06/19/08</b>	<b>1.6</b>	--
MW-6	06/19/00	5.88	--
	09/18/00	4.81	--
	12/01/00	4.27	--
	03/13/01	4.12	--
	06/01/01	3.84	--
	09/07/01	4.26	--
	12/05/01	1.26	--
	03/26/02	1.30	--
	06/14/02	1.40	--
	09/20/02	1.30	--
	12/12/02	1.40	--
	03/07/03	0.90	--
	06/06/03	1.20	--
	09/05/03	1.30	--
	12/15/03	1.91	--
	03/15/04	1.40	--
	06/14/04	1.50	--
	09/02/04	1.70	--
	11/30/04	1.80	--
	03/11/05	2.30	--
	06/29/05	1.50	--
	09/14/05	0.70	--
	12/06/05	1.60	--
03/10/06	1.60	--	
06/06/06	0.60	--	
09/05/06	1.20	--	
12/01/06	1.40	--	
02/26/07	1.50	--	
06/01/07	1.3	--	
08/30/07	1.6	--	
11/26/07	1.4	--	
02/07/08	1.3	--	
<b>06/19/08</b>	<b>1.2</b>	--	
MW-7	09/07/01	2.04	--
	12/05/01	1.84	--
	03/26/02	2.00	--
	06/14/02	2.00	--
	09/20/02	2.10	--
	12/12/02	2.00	--
	03/07/03	0.10	--
	06/06/03	1.50	--
	09/05/03	1.80	--
	12/15/03	3.02	--
	03/15/04	1.70	--
	06/14/04	1.10	--
	09/02/04	1.00	--

**Table 3**  
**Dissolved Oxygen Concentrations**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

<b>WELL ID</b>	<b>DATE</b>	<b>D.O. Pre-Purge (mg/L)</b>	<b>D.O. Post-Purge (mg/L)</b>
MW-7 (cont)	11/30/04	0.90	--
	03/11/05	2.40	--
	06/29/05	2.20	--
	09/14/05	1.70	--
	12/06/05	2.00	--
	03/10/06	2.20	--
	06/06/06	0.90	--
	09/05/06	0.93	--
	12/01/06	1.12	--
	02/26/07	0.97	--
	06/01/07	1.1	--
	08/30/07	1.3	--
	11/26/07	1.1	--
	02/07/08	1.2	--
	<b>06/19/08</b>	<b>1.1</b>	<b>--</b>
MW-8	09/07/01	2.17	--
	12/05/01	2.10	--
	03/26/02	2.10	--
	06/14/02	2.00	--
	09/20/02	2.10	--
	12/12/02	2.20	--
	03/07/03	0.60	--
	06/06/03	1.70	--
	09/05/03	2.00	--
	12/15/03	2.93	--
	03/15/04	1.30	--
	06/14/04	1.60	--
	09/02/04	1.20	--
	11/30/04	1.30	--
	03/11/05	1.60	--
	06/29/05	1.20	--
	09/14/05	1.60	--
	03/10/06	1.50	--
	02/26/07	1.90	--
	02/07/08	1.6	--
MW-9	09/07/01	1.72	--
	12/05/01	2.21	--
	03/26/02	2.20	--
	06/14/02	1.90	--
	09/20/02	2.00	--
	12/12/02	2.10	--
	03/07/03	0.60	--
	06/06/03	1.80	--
	09/05/03	1.90	--
	12/15/03	3.15	--
	03/15/04	1.80	--
	06/14/04	1.00	--
	09/02/04	1.10	--
	11/30/04	1.20	--

**Table 3**  
**Dissolved Oxygen Concentrations**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

WELL ID	DATE	D.O. Pre-Purge (mg/L)	D.O. Post-Purge (mg/L)
MW-9 (cont)	03/11/05	0.20	--
	06/29/05	1.60	--
	09/14/05	INACCESSIBLE - VEHICLE PARKED OVER WELL	
	03/10/06	1.40	--
	02/26/07	1.70	--
	02/07/08	1.5	--

**Table 3**  
**Dissolved Oxygen Concentrations**  
Chevron Service Station #9-0917  
5280 Hopyard Road  
Pleasanton, California

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**EXPLANATIONS:**

D.O. = Dissolved Oxygen  
(mg/L) = Milligrams per liter  
-- = Not Measured  
(mg/L) = Milligrams per liter

<sup>1</sup> D.O. readings were inadvertently missed in the field.

## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0917  
 Site Address: 5280 Hopyard Road  
 City: Pleasanton, CA

Job Number: 385242  
 Event Date: 6/19/08 (inclusive)  
 Sampler: JH

Well ID: MW-4  
 Well Diameter: 2 in.  
 Total Depth: 24.69 ft.  
 Depth to Water: 7.26 ft.

Date Monitored: 6/19/08

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

### Purge Equipment:

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

### Sampling Equipment:

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

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

Start Time (purge): \_\_\_\_\_  
 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
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

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

*MAD*

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0917 Job Number: 385242  
 Site Address: 5280 Hopyard Road Event Date: 6/19/08 (inclusive)  
 City: Pleasanton, CA Sampler: 3H

Well ID: MW-5 Date Monitored: 6/19/08  
 Well Diameter: 2 in.  
 Total Depth: 24.07 ft.  
 Depth to Water: 8.86 ft.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.90  
 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.  
 xVF: .17 = 2.58 x3 case volume = Estimated Purge Volume: 7.75 gal.

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

Sampling Equipment:  
 Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 OED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1250 Weather Conditions: clear  
 Sample Time/Date: 1325 / 6/19/08 Water Color: cloudy Odor: Y10N  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: 10% V  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - DS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1255</u>	<u>2.5</u>	<u>7.11</u>	<u>449</u>	<u>23.9</u>	<u>PRE: 1.6</u>	
<u>1300</u>	<u>5.0</u>	<u>7.05</u>	<u>501</u>	<u>24.2</u>		
<u>1306</u>	<u>7.75</u>	<u>7.00</u>	<u>538</u>	<u>24.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)</u>

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

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





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0917 Job Number: 385242  
 Site Address: 5280 Hopyard Road Event Date: 6/19/08 (inclusive)  
 City: Pleasanton, CA Sampler: JH

Well ID: MW-6 Date Monitored: 6/19/08  
 Well Diameter: 2 in.  
 Total Depth: 24.98 ft.  
 Depth to Water: 9.00 ft.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.19

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.  
 xVF .17 = 2.71 x3 case volume = Estimated Purge Volume: 8.14 gal.

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

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

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

Start Time (purge): 1145 Weather Conditions: clear  
 Sample Time/Date: 1220 6/19/08 Water Color: clear Odor: Y10  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: run  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: \_\_\_\_\_

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 25)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1150</u>	<u>2.5</u>	<u>7.13</u>	<u>612</u>	<u>27.8</u>	PRE: <u>1.2</u>	
<u>1155</u>	<u>5.0</u>	<u>7.01</u>	<u>670</u>	<u>23.2</u>		
<u>1200</u>	<u>8.0</u>	<u>6.95</u>	<u>685</u>	<u>23.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- <u>6</u>	<u>6</u> x voc vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0917 Job Number: 385242  
 Site Address: 5280 Hopyard Road Event Date: 6/19/08 (inclusive)  
 City: Pleasanton, CA Sampler: JH

Well ID: MW-7  
 Well Diameter: 2 in.  
 Total Depth: 20.02 ft.  
 Depth to Water: 7.78 ft.  
12.24 xVF .17 = 2.08

Date Monitored: 6/19/08

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 6.24 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.22

**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 \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

Start Time (purge): 1050 Weather Conditions: Clear  
 Sample Time/Date: 1120 6/19/08 Water Color: cloudy Odor: Y 10  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: None  
 Did well de-water? NU If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 9.04

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C) / (F)	D.O. (mg/L)	ORP (mV)
<u>1055</u>	<u>2</u>	<u>7.08</u>	<u>824</u>	<u>23.4</u>	PRE: <u>1.1</u>	
<u>1100</u>	<u>4</u>	<u>6.94</u>	<u>847</u>	<u>23.6</u>		
<u>1105</u>	<u>6</u>	<u>6.88</u>	<u>904</u>	<u>23.8</u>		

**LABORATORY INFORMATION**

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voc vial	YES	HCL	LANCASTER	TPH-G(8015)/BTX+MTBE(8260)/5 OXYS+ETHANOL(8260)

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0917  
 Site Address: 5280 Hopyard Road  
 City: Pleasanton, CA

Job Number: 385242  
 Event Date: 6/19/08 (inclusive)  
 Sampler: JH

Well ID: MW-8  
 Well Diameter: 2 in.  
 Total Depth: 20.32 ft.  
 Depth to Water: 7.59 ft.

Date Monitored: 6/19/08

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.

xVF 17 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 \_\_\_\_\_
  - OED Bladder Pump \_\_\_\_\_
  - Other: \_\_\_\_\_

- Sampling Equipment:**
- Disposable Bailer \_\_\_\_\_
  - Pressure Bailer \_\_\_\_\_
  - Discrete Bailer \_\_\_\_\_
  - Peristaltic Pump \_\_\_\_\_
  - OED Bladder Pump \_\_\_\_\_
  - Other: \_\_\_\_\_

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

Start Time (purge): \_\_\_\_\_ Weather Conditions: Clear  
 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 (° F)	D.O. (mg/L)	ORP (mV)

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

COMMENTS: MO

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-0917  
 Site Address: 5280 Hopyard Road  
 City: Pleasanton, CA

Job Number: 385242  
 Event Date: 6/19/08 (inclusive)  
 Sampler: JH

Well ID: MW-9  
 Well Diameter: 2 in.  
 Total Depth: 19.92 ft.  
 Depth to Water: 7.63 ft.

Date Monitored: 6/19/08

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 then 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: \_\_\_\_\_  
 \_\_\_\_\_ xVF \_\_\_\_\_ = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ 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 \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Peristaltic Pump \_\_\_\_\_  
 QED Bladder Pump \_\_\_\_\_  
 Other: \_\_\_\_\_

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

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

Weather Conditions: \_\_\_\_\_  
 Water Color: \_\_\_\_\_ Odor: Y / N

Sediment Description: \_\_\_\_\_

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
MW-	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTX+MTBE(8260)/ 5 OXYS+ETHANOL(8260)

COMMENTS: M/G

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

# Chevron California Region Analysis Request/Chain of Custody



062008-04

For Lancaster Laboratories use only  
 Acct. #: 10904 Sample # 5396900-03 Group #: 005444

G# 1091257

Facility #: <u>SS#9-0917-OMD G-R#385242</u> Global ID# <u>T0600100345</u> Site Address: <u>5280 HOPYARD ROAD, PLEASANTON, CA</u> Chevron PM: <u>OS</u> Lead Consultant: <u>CRACE</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>Jim Heron</u>				Matrix: <input type="checkbox"/> Potable Water <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Air			Analyses Requested Preservation Codes						Preservative Codes H = HCl    T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other  <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds  8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits							
Sample Identification				Total Number of Containers			HTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 TPH 8015 MOD GRO TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates (8260) Total Lead Method Dissolved Lead Method Ethanol (8260)						Comments / Remarks							
Date Collected		Time Collected		Grab	Composite	Soil	Water	Oil	8021	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260
QA		6/19/08		X			X		X	X	X	X	X	X	X	X	X	X	X	X
MW-5		1325		X			X		X	X	X	X	X	X	X	X	X	X	X	X
MW-6		1220		X			X		X	X	X	X	X	X	X	X	X	X	X	X
MW-7		1120		X			X		X	X	X	X	X	X	X	X	X	X	X	X
Turnaround Time Requested (TAT) (please circle) STD. TAT: 72 hour    48 hour 24 hour    4 day    5 day				Relinquished by: <u>[Signature]</u> Date: <u>6/19/08</u> Time: <u>1430</u>				Received by: <u>[Signature]</u> Date: <u>6/20/08</u> Time: <u>1115</u>				Relinquished by: <u>[Signature]</u> Date: <u>6/20/08</u> Time: <u>1115</u>				Received by: <u>[Signature]</u> Date: <u>6/20/08</u> Time: <u>1225</u>				
Data Package Options (please circle if required) QC Summary    Type I - Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed <b>EDF/EDD</b> WIP (RWQCB) Disk				Relinquished by: <u>[Signature]</u> Date: <u>28 JUN 08</u> Time: <u>1636</u>				Received by: <u>[Signature]</u> Date: <u>6/20/08</u> Time: <u>0930</u>				Relinquished by Commercial Carrier: UPS    FedEx    Other: <u>DAL</u>				Received by: <u>[Signature]</u> Date: <u>6/20/08</u> Time: <u>0930</u>				
Temperature Upon Receipt: <u>0.7-3.0</u> °C				Custody Seals Intact?    Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																



# Analysis Report

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## ANALYTICAL RESULTS

Prepared for:

RECEIVED

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

Prepared by:

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

## SAMPLE GROUP

The sample group for this submittal is 1097257. Samples arrived at the laboratory on Saturday, June 21, 2008. The PO# for this group is 0015025028 and the release number is SKANCE.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
QA-T-080619 NA Water	5396900
MW-5-W-080619 Grab Water	5396901
MW-6-W-080619 Grab Water	5396902
MW-7-W-080619 Grab Water	5396903

ELECTRONIC COPY TO CRA c/o Gettler-Ryan

Attn: Cheryl Hansen




## **Analysis Report**

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Questions? Contact your Client Services Representative  
Angela M Miller at (717) 656-2300

Respectfully Submitted,

  
Sarah Snyder  
Specialist



# Analysis Report

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Lancaster Laboratories Sample No. WW5396900

Group No. 1097257

QA-T-080619 NA Water  
Facility# 90917 Job# 385242 GRD  
5280 Hopyard-Pleasanton T0600100345 QA  
Collected: 06/19/2008

Account Number: 10904

Submitted: 06/21/2008 09:30  
Reported: 07/03/2008 at 16:11  
Discard: 08/03/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

HRPQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
06054	ETEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/01/2008 13:24	Carrie E Youtzy	1
06054	ETEX+MTBE by 8260B	SW-846 8260B	1	06/28/2008 10:44	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030E	1	07/01/2008 13:24	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	06/28/2008 10:44	Ginelle L Feister	1





# Analysis Report

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Lancaster Laboratories Sample No. WW5396901

Group No. 1097257

MW-5-W-080619 Grab Water  
 Facility# 90917 Job# 385242 GRD  
 5280 Hopyard-Pleasanton T0600100345 MW-5  
 Collected: 06/19/2008 13:25 by JH

Account Number: 10904

Submitted: 06/21/2008 09:30  
 Reported: 07/03/2008 at 16:11  
 Discard: 08/03/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

HRP05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	2,300.		250.	ug/l	5
06059	BTEX+5 Oxygenates+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		2.	ug/l	1
05401	Benzene	71-43-2	53.		0.5	ug/l	1
05407	Toluene	108-88-3	0.8		0.5	ug/l	10
05415	Ethylbenzene	100-41-4	210.		5.	ug/l	1
06310	Xylene (Total)	1330-20-7	2.		0.5	ug/l	1

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/01/2008	17:27	Carrie E Youtzy	5
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	06/27/2008	09:49	Ginelle L Feister	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	06/27/2008	10:13	Ginelle L Feister	10
01146	GC VOA Water Prep	SW-846 5030B	1	07/01/2008	17:27	Carrie E Youtzy	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/27/2008	09:49	Ginelle L Feister	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	06/27/2008	10:13	Ginelle L Feister	10



# Analysis Report

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Lancaster Laboratories Sample No. WW5396902

Group No. 1097257

MW-6-W-080619 Grab Water  
Facility# 90917 Job# 385242 GRD  
5280 Hopyard-Pleasanton T0600100345 MW-6  
Collected: 06/19/2008 12:20 by JH

Account Number: 10904

Submitted: 06/21/2008 09:30  
Reported: 07/03/2008 at 16:11  
Discard: 08/03/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

HRP06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	130.		50.	ug/l	1
06059	BTEX+5 Oxygenates+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.		0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.		0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.		0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.		0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.		2.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05407	Toluene	108-88-3	N.D.		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.		0.5	ug/l	1

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/02/2008 14:27		Carrie E Youtzy	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260E	1	06/27/2008 10:36		Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030E	1	07/02/2008 14:27		Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	06/27/2008 10:36		Ginelle L Feister	1



# Analysis Report

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Lancaster Laboratories Sample No. WW5396903

Group No. 1097257

MW-7-W-080619 Grab Water  
Facility# 90917 Job# 385242 GRD  
5280 Hopyard-Pleasanton T0600100345 MW-7  
Collected: 06/19/2008 11:20 by JH

Account Number: 10904

Submitted: 06/21/2008 09:30  
Reported: 07/03/2008 at 16:11  
Discard: 08/03/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

HRP07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit	ug/l	1
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	2.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	07/01/2008 17:49	Carrie E Youtzy	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260E	1	06/27/2008 11:45	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030E	1	07/01/2008 17:49	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	06/27/2008 11:45	Ginelle L Feister	1

## Quality Control Summary

 Client Name: Chevron  
 Reported: 07/03/08 at 04:11 PM

Group Number: 1097257

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

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 08182A20E TPH-GRO - Waters	N.D.	50.	Sample number(s): 5396902 ug/l	116	122	75-135	4	30
Batch number: 08182E20A TPH-GRO - Waters	N.D.	50.	Sample number(s): 5396900-5396901,5396903 ug/l	112	106	75-135	6	30
Batch number: D081792AA Ethanol	N.D.	50.	Sample number(s): 5396901-5396903 ug/l	128		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	89		73-119		
di-Isopropyl ether	N.D.	0.5	ug/l	87		70-123		
Ethyl t-butyl ether	N.D.	0.5	ug/l	89		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	91		79-113		
t-Butyl alcohol	N.D.	2.	ug/l	89		74-117		
Benzene	N.D.	0.5	ug/l	94		78-119		
Toluene	N.D.	0.5	ug/l	94		85-115		
Ethylbenzene	N.D.	0.5	ug/l	92		82-119		
Xylene (Total)	N.D.	0.5	ug/l	94		83-113		
Batch number: D081801AA Methyl Tertiary Butyl Ether	N.D.	0.5	Sample number(s): 5396900 ug/l	89		73-119		
Benzene	N.D.	0.5	ug/l	96		78-119		
Toluene	N.D.	0.5	ug/l	94		85-115		
Ethylbenzene	N.D.	0.5	ug/l	93		82-119		
Xylene (Total)	N.D.	0.5	ug/l	96		83-113		

### Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 08182A20E TPH-GRO - Waters			Sample number(s): 5396902 125	UNSPK: P395292 63-154					
Batch number: 08182E20A TPH-GRO - Waters			Sample number(s): 5396900-5396901,5396903 115	UNSPK: P395291 63-154					
Batch number: D081792AA Ethanol	102	97	Sample number(s): 5396901-5396903 32-164	UNSPK: 5396902 4	30				
Methyl Tertiary Butyl Ether	87	95	69-127	8	30				
di-Isopropyl ether	87	94	68-129	8	30				
Ethyl t-butyl ether	88	98	78-119	11	30				
t-Amyl methyl ether	93	95	72-125	3	30				
t-Butyl alcohol	88	92	70-121	4	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  
Reported: 07/03/08 at 04:11 PM

Group Number: 1097257

### 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
Benzene	95	103	83-128	8	30				
Toluene	96	101	83-127	5	30				
Ethylbenzene	95	100	82-129	6	30				
Xylene (Total)	97	102	82-130	5	30				
Batch number: D081801AA Sample number(s): 5396900 UNSPK: P398103									
Methyl Tertiary Butyl Ether	103	102	69-127	1	30				
Benzene	101	101	83-128	1	30				
Toluene	101	99	83-127	3	30				
Ethylbenzene	101	98	82-129	3	30				
Xylene (Total)	101	97	82-130	4	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: TPH-GRO - Waters  
Batch number: 08182A20E  
Trifluorotoluene-F

5396902	89
Blank	84
LCS	103
LCSD	105
MS	125

Limits: 63-135

Analysis Name: TPH-GRO - Waters  
Batch number: 08182B20A  
Trifluorotoluene-F

5396900	89
5396901	92
5396903	90
Blank	88
LCS	116
LCSD	118
MS	117

Limits: 63-135

Analysis Name: BTEX+5 Oxygenates+ETOH  
Batch number: D081792AA  
Dibromofluoromethane      1,2-Dichloroethane-d4      Toluene-d8      4-Bromofluorobenzene

5396901	85	86	87	98
5396902	84	87	86	92
5396903	87	91	89	95

\*- 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  
Reported: 07/03/08 at 04:11 PM

Group Number: 1097257

### Surrogate Quality Control

Blank	90	93	86	91
LCS	86	86	84	95
MS	81	83	84	94
MSD	89	93	88	98
Limits:	80-116	77-113	80-113	78-113
Analysis Name: ETEX+MTBE by 8260B				
Batch number: D081801AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5396900	100	102	96	96
Blank	101	102	96	97
LCS	97	101	93	98
MS	99	102	95	100
MSD	101	105	96	100
Limits:	80-116	77-113	80-113	78-113

\*- Outside of specification

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

## Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

### U.S. EPA data qualifiers:

#### Organic Qualifiers

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

#### Inorganic Qualifiers

<b>B</b>	Value is <CRDL, but ≥IDL
<b>E</b>	Estimated due to interference
<b>M</b>	Duplicate injection precision not met
<b>N</b>	Spike amount not within control limits
<b>S</b>	Method of standard additions (MSA) used for calculation
<b>U</b>	Compound was not detected
<b>W</b>	Post digestion spike out of control limits
<b>*</b>	Duplicate analysis not within control limits
<b>+</b>	Correlation coefficient for MSA <0.995

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

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

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