



**CONESTOGA-ROVERS
& ASSOCIATES**

5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
<http://www.craworld.com>

July 21, 2009

Reference No. 060057

Mr. Jerry Wickham
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

RECEIVED
1:37 pm, Jul 29, 2009
Alameda County
Environmental Health

Re: Second Quarter 2009 Groundwater Monitoring Report
Chevron Service Station 9-0917
5280 Hopyard Road
Pleasanton, California
Fuel Leak Case No. RO0000439

Dear Mr. Wickham:

Conestoga-Rovers & Associates is submitting the attached *Groundwater Monitoring and Sampling Report* for the site referenced above on behalf of Chevron Environmental Management Company (Chevron). The report prepared by Gettler-Ryan Inc. (G-R) and dated March 20, 2008, presents the results of the Second Quarter 2009 sampling and monitoring event. Also attached are Figure 1 (Vicinity Map) and Figure 2 (Concentration Map) presenting the first quarter 2009 analytical results and groundwater flow direction data. A perjury letter from Chevron and Professional Geologist stamp are included within the G-R report.

Please contact Charlotte Evans at (510) 420-3351 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Charlotte Evans

CE/doh/2
Enc.

cc: Mr. Aaron Costa, Chevron Environmental Management Company

Equal
Employment Opportunity
Employer

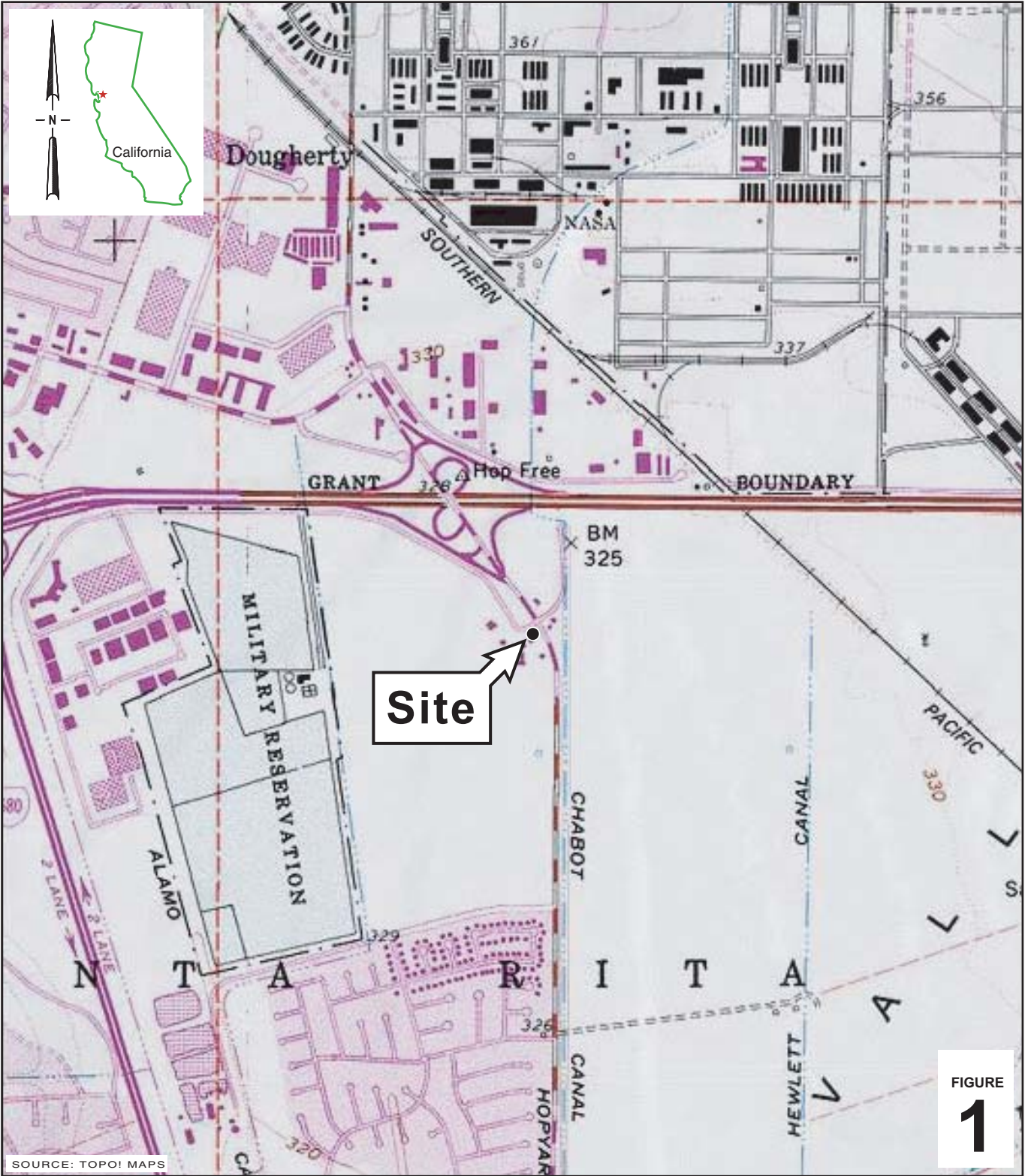


FIGURE
1

Chevron Service Station 9-0917
 5280 Hopyard Road
 Pleasanton, California

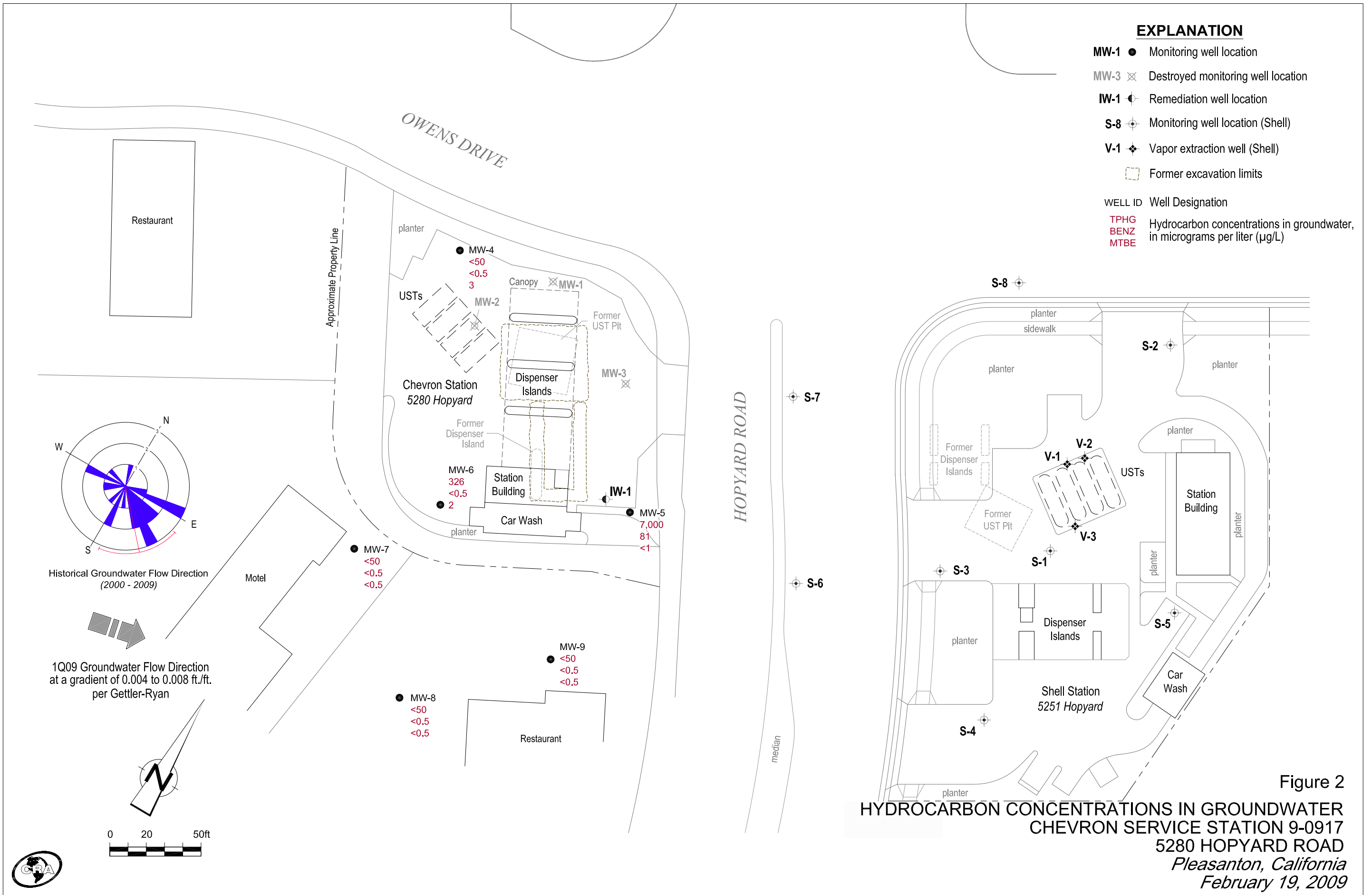


**CONESTOGA-ROVERS
& ASSOCIATES**

Vicinity Map

EXPLANATION

- MW-1 ● Monitoring well location
- MW-3 ☒ Destroyed monitoring well location
- IW-1 ⦿ Remediation well location
- S-8 ⊕ Monitoring well location (Shell)
- V-1 ⦿ Vapor extraction well (Shell)
- ☐ Former excavation limits
- WELL ID Well Designation
- TPHG Hydrocarbon concentrations in groundwater, in micrograms per liter (µg/L)
- BENZ
- MTBE





GETTLER-RYAN INC.



TRANSMITTAL

March 20, 2009

G-R #385242

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

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	March 17, 2009	Groundwater Monitoring and Sampling Report First Quarter Event of February 19, 2009

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced items for **your use and distribution (including PDF submittal of the entire report to GeoTracker)**:

- 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**
6111 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 543-2961
Fax (925) 543-2324
acosta@chevron.com

March 20, 2009

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
March 20, 2009.

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".

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: 2/19/09
 Sampler: JH

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-4	OK	→	→	2x5	OK	→	→	~	~	12" emc	~
MW-5	OK	→	→	2x5	OK	→	→	↓	↓	12" emc	↓
MW-6	OK	M	OK	2x5	OK	→	→	↓	↓	12" emc	↓
MW-9	OK	→	→			→	→	↓	↓	8" emc	↓
MW-7	OK	→	→	2x5	OK	→	→	↓	↓	8" Pemco	↓
MW-8	OK	M	OK	1x5	OK	→	→	↓	↓	"	↓

Comments _____



GETTLER-RYAN INC.



March 17, 2009
G-R Job #385242

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

RE: First Quarter Event of February 19, 2009
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-0917
5280 Hopyard Road
Pleasanton, California

Dear Mr. Costa:

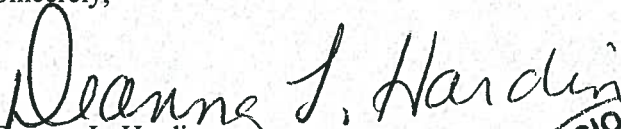
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

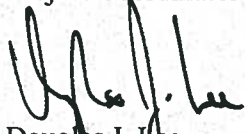
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

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 reports 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

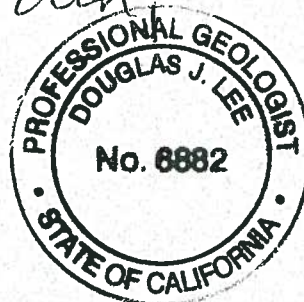
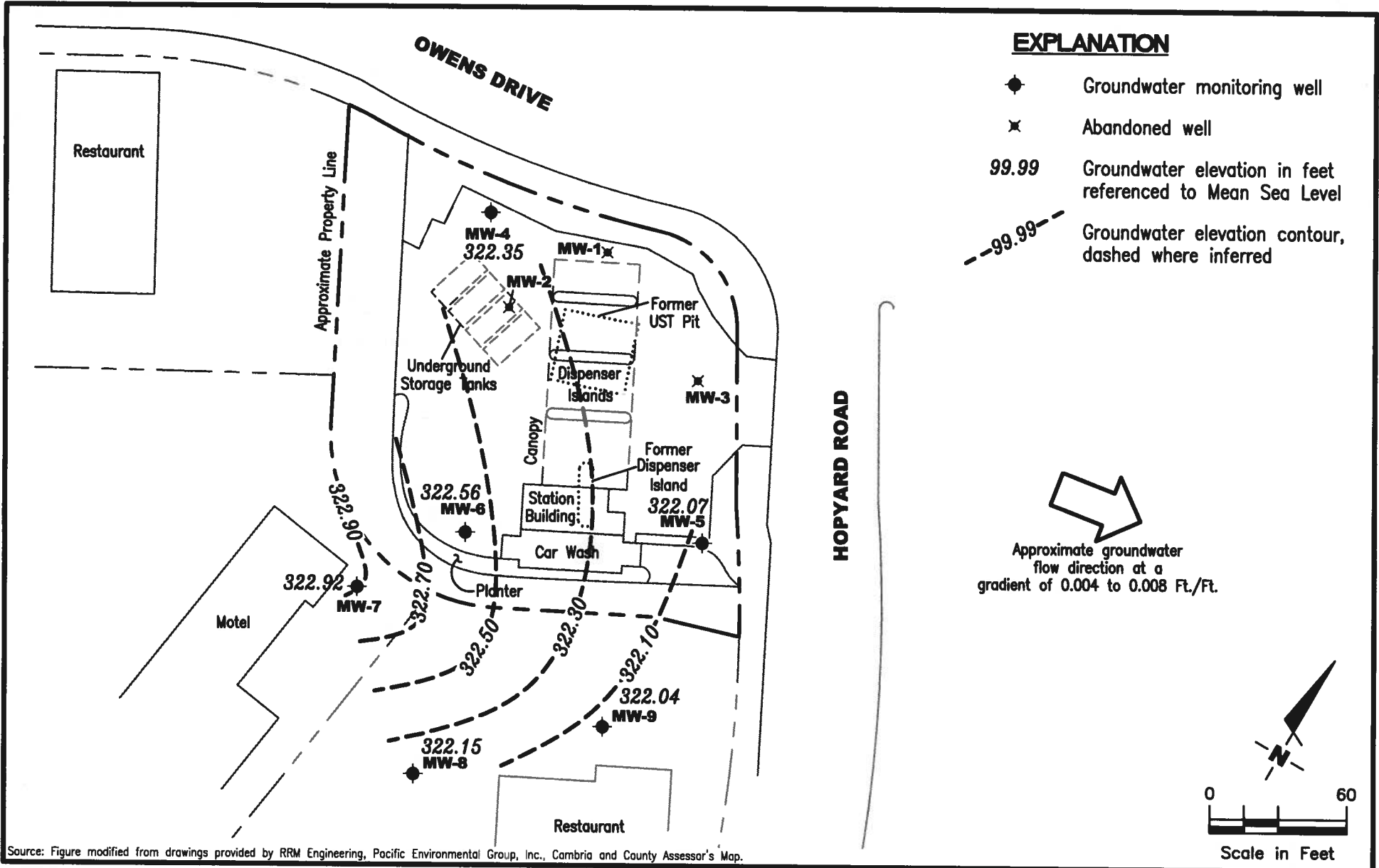



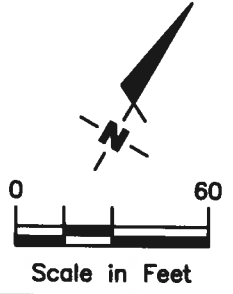
Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Table 3: Dissolved Oxygen Concentrations
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document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



EXPLANATION

- ◆ Groundwater monitoring well
- ✕ Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- - - 99.99 - - - Groundwater elevation contour, dashed where inferred


 Approximate groundwater flow direction at a gradient of 0.004 to 0.008 Ft./Ft.



Source: Figure modified from drawings provided by RRM Engineering, Pacific Environmental Group, Inc., Cambria and County Assessor's Map.


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 February 19, 2009	REVISED DATE
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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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-4									
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 ¹
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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-4 (cont)									
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 ⁷
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 ⁷
03/07/03	326.94	320.78	6.16	<50	<0.50	<0.50	<0.50	<1.5	550/430 ⁷
06/06/03 ⁹	326.94	321.33	5.61	<50	<0.5	<0.5	<0.5	<0.5	3
09/05/03 ⁹	326.94	319.29	7.65	<50	<0.5	<0.5	<0.5	<0.5	11
12/15/03 ⁹	326.94	319.63	7.31	<50	<0.5	<0.5	<0.5	<0.5	5
03/15/04 ⁹	326.94	319.02	7.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 ⁹	326.94	318.69	8.25	<50	<0.5	<0.5	<0.5	<0.5	17
09/02/04 ⁹	326.94	319.55	7.39	<50	<0.5	<0.5	<0.5	<0.5	0.5
11/30/04 ⁹	326.94	319.66	7.28	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05 ⁹	326.94	321.03	5.91	<50	<0.5	<0.5	<0.5	<0.5	0.7
06/29/05 ⁹	326.94	321.67	5.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 ⁹	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 ⁹	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 ⁹	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 ⁹	326.94	320.20	6.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08	329.77	322.51	7.26	SAMPLED ANNUALLY		--	--	--	--
09/18/08	329.77	321.50	8.27	SAMPLED ANNUALLY		--	--	--	--
12/23/08	329.77	322.06	7.71	SAMPLED ANNUALLY		--	--	--	--
02/19/09 ⁹	329.77	322.35	7.42	<50	<0.5	<0.5	<0.5	<0.5	3

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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-5									
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	--
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 ²	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 ³	327.82	318.90	8.92	1,000 ⁴	290	3.4	<1.0	14	52

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

WELL ID/ DATE	TOC (<i>ft.</i>)	GWE (<i>mst</i>)	DTW (<i>ft.</i>)	TPH-GRO ($\mu\text{g/L}$)	B ($\mu\text{g/L}$)	T ($\mu\text{g/L}$)	E ($\mu\text{g/L}$)	X ($\mu\text{g/L}$)	MTBE ($\mu\text{g/L}$)
MW-5 (cont)									
09/18/00 ^{3,6}	327.82	318.18	9.64	924 ⁵	205	<5.00	<5.00	<5.00	83.1
12/01/00 ³	327.82	318.05	9.77	<50.0	0.878	<0.500	<0.500	<0.500	<5.00
03/13/01 ³	327.82	318.67	9.15	333	55.0	0.803	21.8	1.44	2.07
06/01/01 ³	327.82	317.71	10.11	130 ⁴	36	<0.50	<0.50	<0.50	7.8/<2.0 ⁷
09/07/01 ⁸	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 ⁷
03/07/03	327.82	320.38	7.44	21,000	270	39	2,000	1,100	<25/<1 ⁷
06/06/03 ⁹	327.82	321.10	6.72	1,700	22	3	190	140	<0.5
09/05/03 ⁹	327.82	318.90	8.92	20,000	170	23	1,200	1,100	<2
06/14/04 ⁹	327.82	319.45	8.37	15,000	100	12	1,300	730	<1
09/02/04 ⁹	327.82	319.92	7.90	12,000	81	12	960	600	<3
11/30/04 ⁹	327.82	319.62	8.20	13,000	54	8	750	280	<1
03/11/05 ⁹	327.82	320.41	7.41	11,000	50	5	810	120	<1
06/29/05 ⁹	327.82	320.07	7.75	10,000	58	5	600	75	<0.5
09/14/05 ⁹	327.82	320.26	7.56	11,000	49	4	660	49	<0.5
12/06/05 ⁹	327.82	320.09	7.73	6,500	26	2	210	21	<0.5
03/10/06 ⁹	327.82	319.46	8.36	7,500	45	2	420	13	<0.5
06/06/06 ⁹	327.82	318.82	9.00	8,000	40	1	340	6	<0.5
09/05/06 ⁹	327.82	319.06	8.76	8,200	28	1	340	2	<0.5
12/01/06 ⁹	327.82	319.02	8.80	6,400	26	1	360	3	0.5
02/26/07 ⁹	327.82	319.98	7.84	7,500	26	<0.5	370	3	<0.5
06/01/07 ⁹	327.82	318.78	9.04	6,000	24	1	330	3	<0.5
08/30/07 ⁹	327.82	318.31	9.51	6,200	24	1	260	3	<0.5
11/26/07 ⁹	327.82	318.65	9.17	8,500	29	<1	330	2	<1
02/07/08 ⁹	327.82	319.06	8.76	8,600	60	<1	310	2	<1
06/19/08 ⁹	330.30	321.44	8.86	2,300	53	0.8	210	2	<0.5
09/18/08 ⁹	330.30	320.96	9.34	9,400	100	<1	390	2	<1
12/23/08 ⁹	330.30	321.52	8.78	7,300	140	1	390	2	0.9
02/19/09⁹	330.30	322.07	8.23	7,000	81	1	380	2	<1

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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-6									
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	--
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 ²	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 ¹
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 ³	327.82	318.42	9.40	160 ¹	1.4	0.73	5.4	2.4	7.9

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

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-6 (cont)									
09/18/00 ^{3,6}	327.82	317.74	10.08	234 ⁵	<0.500	1.72	<0.500	<0.500	<5.00
12/01/00 ³	327.82	317.56	10.26	79.5 ⁵	1.74	<0.500	<0.500	<0.500	<5.00
03/13/01 ³	327.82	318.53	9.29	180	<0.500	<0.500	<0.500	<0.500	<0.500
06/01/01 ³	327.82	317.24	10.58	280 ⁴	4.1	0.62	<0.50	<0.50	25/<2.0 ⁷
09/07/01 ⁸	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 ⁷
03/07/03	327.83	320.05	7.78	1,100	130	<0.50	19	<1.5	<2.5/<0.5 ⁷
06/06/03 ⁹	327.83	320.79	7.04	61	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 ⁹	327.83	318.79	9.04	390	<0.5	<0.5	<0.5	<0.5	0.9
12/15/03 ⁹	327.83	319.24	8.59	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 ⁹	327.83	318.92	8.91	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 ⁹	327.83	318.62	9.21	700	<0.5	<0.5	<0.5	<0.5	19
09/02/04 ⁹	327.83	319.14	8.69	610	<0.5	<0.5	<0.5	<0.5	15
11/30/04 ⁹	327.83	319.28	8.55	290	0.9	<0.5	<0.5	<0.5	14
03/11/05 ⁹	327.83	320.57	7.26	720	<0.5	<0.5	<0.5	<0.5	56
06/29/05 ⁹	327.83	320.72	7.11	370	<0.5	<0.5	<0.5	<0.5	22
09/14/05 ⁹	327.83	320.51	7.32	310	<0.5	<0.5	<0.5	<0.5	8
12/06/05 ⁹	327.83	320.21	7.62	190	<0.5	<0.5	<0.5	<0.5	4
03/10/06 ⁹	327.83	319.40	8.43	110	<0.5	<0.5	<0.5	<0.5	4
06/06/06 ⁹	327.83	318.59	9.24	510	<0.5	<0.5	<0.5	<0.5	5
09/05/06 ⁹	327.83	318.47	9.36	290	<0.5	<0.5	<0.5	<0.5	4
12/01/06 ⁹	327.83	318.22	9.61	230	<0.5	<0.5	<0.5	<0.5	4
02/26/07 ⁹	327.83	318.97	8.86	<50	<0.5	<0.5	<0.5	<0.5	3
06/01/07 ⁹	327.83	318.60	9.23	630	<0.5	<0.5	<0.5	<0.5	4
08/30/07 ⁹	327.83	318.41	9.42	210	<0.5	<0.5	<0.5	<0.5	3
11/26/07 ⁹	327.83	318.45	9.38	210	<0.5	<0.5	<0.5	<0.5	2
02/07/08 ⁹	-- ¹⁰	-- ¹⁰	8.26	<50	<0.5	<0.5	<0.5	<0.5	2
06/19/08 ⁹	330.74	321.74	9.00	130	<0.5	<0.5	<0.5	<0.5	2
09/18/08 ⁹	330.74	321.44	9.30	640	<0.5	<0.5	<0.5	<0.5	2
12/23/08 ⁹	330.74	321.93	8.81	760	<0.5	<0.5	<0.5	<0.5	3
02/19/09⁹	330.74	322.56	8.18	320	<0.5	<0.5	<0.5	<0.5	2

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-7									
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
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 ⁶	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	<5.00
06/01/01	326.37	318.40	7.97	<50	<0.50	<0.50	<0.50	<0.50	1.10
09/07/01	326.37	318.61	7.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0 ⁷
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
03/07/03	326.37	319.48	6.89	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ⁷
06/06/03 ⁹	326.37	319.62	6.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5/<0.5 ⁷
09/05/03 ⁹	326.37	318.75	7.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 ⁹	326.37	319.16	7.21	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 ⁹	326.37	318.48	7.89	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 ⁹	326.37	318.56	7.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04 ⁹	326.37	318.59	7.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04 ⁹	326.37	318.67	7.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05 ⁹	326.37	320.14	6.23	<50	<0.5	<0.5	<0.5	<0.5	0.7
06/29/05 ⁹	326.37	319.84	6.53	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 ⁹	326.37	319.69	6.68	<50	<0.5	<0.5	<0.5	<0.5	11
12/06/05 ⁹	326.37	319.34	7.03	<50	<0.5	<0.5	<0.5	<0.5	12
03/10/06 ⁹	326.37	319.27	7.10	<50	<0.5	<0.5	<0.5	<0.5	8
06/06/06 ⁹	326.37	318.60	7.77	<50	<0.5	<0.5	<0.5	<0.5	9

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WELL ID/ DATE	TOC (ft.)	GWE (mst)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-7 (cont)									
09/05/06 ⁹	326.37	318.55	7.82	<50	<0.5	<0.5	<0.5	<0.5	6
12/01/06 ⁹	326.37	318.32	8.05	<50	<0.5	<0.5	<0.5	<0.5	2
02/26/07 ⁹	326.37	318.89	7.48	<50	<0.5	<0.5	<0.5	<0.5	3
06/01/07 ⁹	326.37	318.74	7.63	<50	<0.5	<0.5	<0.5	<0.5	2
08/30/07 ⁹	326.37	318.44	7.93	<50	<0.5	<0.5	<0.5	<0.5	1
11/26/07 ⁹	326.37	318.44	7.93	<50	<0.5	<0.5	<0.5	<0.5	0.9
02/07/08 ⁹	326.37	319.76	6.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08 ⁹	329.50	321.72	7.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/18/08 ⁹	329.50	321.42	8.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/23/08 ⁹	329.50	322.03	7.47	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/19/09 ⁹	329.50	322.92	6.58	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-8									
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 ⁷
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 ⁷
03/07/03	325.89	318.94	6.95	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5 ⁷

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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-8 (cont)									
06/06/03 ⁹	325.89	319.09	6.80	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 ⁹	325.89	317.24	8.65	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 ⁹	325.89	317.62	8.27	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 ⁹	325.89	318.64	7.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 ⁹	325.89	318.03	7.86	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04 ⁹	325.89	318.05	7.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04 ⁹	325.89	318.16	7.73	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05 ⁹	325.89	319.46	6.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05 ⁹	325.89	317.50	8.39	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 ⁹	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 ⁹	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 ⁹	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 ⁹	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	--	--	--	--	--
09/18/08	329.01	321.38	7.63	SAMPLED ANNUALLY	--	--	--	--	--
12/23/08	329.01	321.69	7.32	SAMPLED ANNUALLY	--	--	--	--	--
02/19/09⁹	329.01	322.15	6.86	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-9									
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

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-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-9 (cont)									
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 ⁷
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
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
03/07/03	325.73	318.95	6.78	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ⁷
06/06/03 ⁹	325.73	319.09	6.64	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5 ⁷
09/05/03 ⁹	325.73	318.30	7.43	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 ⁹	325.73	318.65	7.08	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 ⁹	325.73	318.43	7.30	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 ⁹	325.73	318.28	7.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04 ⁹	325.73	318.48	7.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04 ⁹	325.73	318.62	7.11	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05 ⁹	325.73	319.44	6.29	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05 ⁹	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 ⁹	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 ⁹	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 ⁹	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		--	--	--	--
09/18/08	328.85	321.04	7.81	SAMPLED ANNUALLY		--	--	--	--
12/23/08	328.85	321.51	7.34	SAMPLED ANNUALLY		--	--	--	--
02/19/09 ⁹	328.85	322.04	6.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-1									
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									
MW-2									
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									
MW-3									
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									
BAILER BLANK									
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	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
TRIP BLANK									
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	--
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	--
03/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
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

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TRIP BLANK (cont)									
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
QA									
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
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 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/03 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/04 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/14/04 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/02/04 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/30/04 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/11/05 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/29/05 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/14/05 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/06/05 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/10/06 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/06/06 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/06 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/01/06 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/26/07 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/07 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/30/07 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/07 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/08 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/19/08 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/18/08 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/23/08 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/19/09 ⁹	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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Pleasanton, California

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 = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl Tertiary Butyl Ether

(µg/L) = Micrograms per liter

-- = 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.

¹ Confirmation run.

² ORC installed.

³ ORC present in well.

⁴ Laboratory report indicates gasoline C6-C12.

⁵ Laboratory report indicates unidentified hydrocarbons C6-C12.

⁶ 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.

⁷ MTBE by EPA Method 8260.

⁸ Removed ORC from well.

⁹ BTEX and MTBE by EPA Method 8260.

¹⁰ 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	--	--		
02/19/09	<50	<2	3	<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-BCA (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	--	--
	06/19/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--
	09/18/08	<100	<4	<1	<1	<1	<1	--	--
	12/23/08	<50	<2	0.9	<0.5	<0.5	<0.5	--	--
	02/19/09	<100	<4	<1	<1	<1	<1	--	--
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	--	--	
06/19/08	<50	<2	2	<0.5	<0.5	<0.5	--	--	
09/18/08	<50	<2	2	<0.5	<0.5	<0.5	--	--	
12/23/08	<50	<2	3	<0.5	<0.5	<0.5	--	--	
02/19/09	<50	<2	2	<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-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	--	--	--	--	--
	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	--	--
	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	--	--	
06/19/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	
09/18/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	
12/23/08	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	
02/19/09	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	
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	--	--

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-8 (cont)	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	--	--	
	02/19/09	<50	<2	<0.5	<0.5	<0.5	<0.5	--	--	
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	--	--	
02/19/09	<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

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 liter
-- = 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

WELL ID	DATE	D.O. Pre-Purge (mg/L)	D.O. Post-Purge (mg/L)
MW-4	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	--
02/19/09	0.9	--	
MW-5	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

WELL ID	DATE	D.O. Pre-Purge (mg/L)	D.O. Post-Purge (mg/L)
MW-5 (cont)	11/26/07	2.4	--
	02/07/08	-- ¹	--
	06/19/08	1.6	--
	09/18/08	1.5	--
	12/23/08	1.8	--
	02/19/09	1.2	--
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	--	
06/19/08	1.2	--	
09/18/08	1.3	--	
12/23/08	1.4	--	
02/19/09	1.1	--	
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	--	

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-7 (cont)	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	--
	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	--
06/19/08	1.1	--	
09/18/08	1.3	--	
12/23/08	1.1	--	
02/19/09	1.1	--	
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	--
02/19/09	1.1	--	
MW-9	09/07/01	1.72	--
	12/05/01	2.21	--
	03/26/02	2.20	--
	06/14/02	1.90	--

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)	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	--	
	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	--	
	02/19/09	0.8	--	

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

EXPLANATIONS:

D.O. = Dissolved Oxygen

(mg/L) = Milligrams per liter

-- = Not Measured

¹ 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 Job Number: 385242
 Site Address: 5280 Hopyard Road Event Date: 2/19/09 (inclusive)
 City: Pleasanton, CA Sampler: JH

Well ID: MW-4 Date Monitored: 2/19/09
 Well Diameter: 2 in.
 Total Depth: 24.63 ft.
 Depth to Water: 7.42 ft. Check if water column is less then 0.50 ft.
 Volume Factor (VF) table:

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

 xVF .17 = 2.92 x3 case volume = Estimated Purge Volume: 8.77 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.86

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

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

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

Start Time (purge): 1110 Weather Conditions: Clear
 Sample Time/Date: 1130 / 2/19/09 Water Color: cloudy Odor: Y10
 Approx. Flow Rate: 1 gpm. Sediment Description: h2O
 Did well de-water? N If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 9.15

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 6)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>1113</u>	<u>3</u>	<u>8.11</u>	<u>950</u>	<u>19.2</u>	<u>PRE: 19</u>	
<u>1116</u>	<u>6</u>	<u>7.94</u>	<u>891</u>	<u>18.9</u>		
<u>1119</u>	<u>9</u>	<u>7.62</u>	<u>920</u>	<u>18.0</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-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: 2/19/09 (inclusive)
 City: Pleasanton, CA Sampler: JH

Well ID: MW-5
 Well Diameter: 2 in.
 Total Depth: 24.12 ft.
 Depth to Water: 8.23 ft.

Date Monitored: 2/19/09

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.

15.89 xVF .17 = 2.70 x3 case volume = Estimated Purge Volume: 8.10 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.40

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

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

Start Time (purge): 1225 Weather Conditions: Clear
 Sample Time/Date: 1250 / 2/19/09 Water Color: Clear Odor: Ⓟ / N / 1.0
 Approx. Flow Rate: 1 gpm. Sediment Description: 1.5
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 9.72

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 69)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1228</u>	<u>2.75</u>	<u>7.61</u>	<u>1029</u>	<u>17.8</u>	PRE: <u>1.2</u>	
<u>1231</u>	<u>5.5</u>	<u>7.43</u>	<u>1104</u>	<u>17.2</u>		
<u>1234</u>	<u>8</u>	<u>7.22</u>	<u>1139</u>	<u>17.0</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa 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: 2/19/09, (inclusive)
 City: Pleasanton, CA Sampler: JY

Well ID: MW-6 Date Monitored: 2/19/09
 Well Diameter: 2 in.
 Total Depth: 24.93 ft.
 Depth to Water: 8.18 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

Check if water column is less than 0.50 ft.

16.75 xVF .17 = 2.84 x3 case volume = Estimated Purge Volume: 8.54 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.53

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: _____ ft
 Visual Confirmation/Description: _____
 Skimmer / 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: 1210 / 2/19/09 Water Color: clear Odor: Y / 6
 Approx. Flow Rate: 1 gpm. Sediment Description: None
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 9.53

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1148</u>	<u>3</u>	<u>7.65</u>	<u>3217</u>	<u>20.4</u>	<u>PRE: 1.1</u>	
<u>1157</u>	<u>6</u>	<u>7.60</u>	<u>3255</u>	<u>20.1</u>		
<u>1154</u>	<u>9</u>	<u>7.33</u>	<u>3290</u>	<u>20.3</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-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: 2/19/09 (inclusive)
 City: Pleasanton, CA Sampler: 34

Well ID: MW-7 Date Monitored: 2/19/09
 Well Diameter: 2 in.
 Total Depth: 18.99 ft.
 Depth to Water: 6.58 ft. Check if water column is less than 0.50 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 w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.26
 $13.41 \times VF \cdot 17 = 2.27$ x3 case volume = Estimated Purge Volume: 6.83 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 _____
 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): 0955 Weather Conditions: clear
 Sample Time/Date: 1020 / 2/19/09 Water Color: cloudy Odor: Y 1 0
 Approx. Flow Rate: _____ gpm. Sediment Description: none
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 8.22

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>PS</u>)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>1000</u>	<u>2.25</u>	<u>7.69</u>	<u>241</u>	<u>18.3</u>	<u>PRE: 1.1</u>	
<u>1005</u>	<u>4.0</u>	<u>7.78</u>	<u>504</u>	<u>19.0</u>		
<u>1011</u>	<u>6.35</u>	<u>7.73</u>	<u>807</u>	<u>20.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6 x voa vial</u>	<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: 2/19/09 (inclusive)
 City: Pleasanton, CA Sampler: JH

Well ID: MW-8 Date Monitored: 2/19/09
 Well Diameter: 2 in.
 Total Depth: 20.31 ft.
 Depth to Water: 6.86 ft. Check if water column is less than 0.50 ft.
13.45 xVF .17 = 2.28 x3 case volume = Estimated Purge Volume: 6.85 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.55

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 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 / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1035 Weather Conditions: clean
 Sample Time/Date: 1100 / 2/19/09 Water Color: clean Odor: Y / 10
 Approx. Flow Rate: _____ gpm. Sediment Description: 1.2 lbs
 Did well de-water? no If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 7.82

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>1040</u>	<u>2.25</u>	<u>7.30</u>	<u>2632</u>	<u>20.4</u>	<u>PRE: 1.1</u>	
<u>1046</u>	<u>4.5</u>	<u>7.24</u>	<u>2677</u>	<u>20.7</u>		
<u>1052</u>	<u>6.75</u>	<u>7.20</u>	<u>2685</u>	<u>21.3</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-8</u>	<u>6</u> x voa 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: 2/19/09 (inclusive)
 City: Pleasanton, CA Sampler: JH

Well ID: MW-9 Date Monitored: 2/19/09
 Well Diameter: 2 in.
 Total Depth: 19.94 ft.
 Depth to Water: 6.81 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

Check if water column is less than 0.50 ft.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.43
 $13.13 \times VF .17 = 2.23$ x3 case volume = Estimated Purge Volume: 6.69 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 _____
 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): 0915 Weather Conditions: Clear
 Sample Time/Date: 0940 / 2/19/09 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: 7.92

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0920</u>	<u>2</u>	<u>7.69</u>	<u>2134</u>	<u>16.0</u>	<u>PRE: .8</u>	
<u>0925</u>	<u>4</u>	<u>7.57</u>	<u>2109</u>	<u>17.4</u>		
<u>0931</u>	<u>6.75</u>	<u>7.35</u>	<u>2083</u>	<u>17.1</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>6</u> x voa 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: _____

Chevron California Region Analysis Request/Chain of Custody



022689-63

Acct #: 10904 For Lancaster Laboratories use only Sample #: 5605275-81 Group #: 309829

C*1133165

Facility #: SS#9-0917-OML G-R#385242 Global ID#T0600100345 Site Address: 5280 HOPYARD ROAD, PLEASANTON, CA Chevron PM: AC Lead Consultant: CRACE Consultant/Office: GFR, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568 Consultant Prj. Mgr.: Deanna L. Harding (deanna@gnnc.com) Consultant Phone #: 925-551-7555 Fax #: 925-551-7899 Sampler: <u>S. M. Khan</u>				Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		Analyses Requested				Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ 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	Total Number of Containers	BTEX+MTBE 8260 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates (8260)	Total Lead	Method	Disolved Lead	Method	Comments / Remarks
QA		2/15/09		X												
MW-4			1130	X		6	X	X			X					
MW-5			1250	X		6	X	X			X					
MW-6			1210	X		6	X	X			X					
MW-7			1020	X		6	X	X			X					
MW-8			1100	X		6	X	X			X					
MW-9			0940	X		6	X	X			X					
Turnaround Time Requested (TAT) (please circle) <input checked="" type="radio"/> 24 hour 72 hour 48 hour <input type="radio"/> 4 day 5 day				Relinquished by: <u>[Signature]</u> Date: 2/15/09 Time: 1330 Received by: <u>[Signature]</u> Date: 02-20-09 Time: 0915				Relinquished by: <u>[Signature]</u> Date: 02-20-09 Time: 0915 Received by: <u>[Signature]</u> Date: 24 FEB 09 Time: 1045								
Data Package Options (please circle if required) QC Summary Type I - Full EDF/EDD Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk				Relinquished by: <u>[Signature]</u> Date: 26 FEB 09 Time: 1636 Received by: <u>[Signature]</u> Date: Time:				Relinquished by Commercial Carrier: UPS FedEx Other: _____ Received by: <u>[Signature]</u> Date: 2/16/09 Time: 0940								
Temperature Upon Receipt: <u>7.4-3.2</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 • 717-658-2300 Fax: 717-658-2681 • www.lancasterlabs.com

RECEIVED

ANALYTICAL RESULTS

MAR 02 2009

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GETTLER-RYAN INC.
GENERAL CONTRACTORS

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1133165. Samples arrived at the laboratory on Saturday, February 21, 2009. The PO# for this group is 0015025028 and the release number is COSTA.

Client Description

Lancaster Labs Number

QA-T-090219 NA Water	5605275
MW-4-W-090219 Grab Water	5605276
MW-5-W-090219 Grab Water	5605277
MW-6-W-090219 Grab Water	5605278
MW-7-W-090219 Grab Water	5605279
MW-8-W-090219 Grab Water	5605280
MW-9-W-090219 Grab Water	5605281

ELECTRONIC COPY TO CRA c/o Gettler-Ryan

Attn: Cheryl Hansen

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

Respectfully Submitted,



Robin C. Runkle
Senior Specialist

Lancaster Laboratories Sample No. WW5605275
Group No. 1133165
QA-T-090219 NA Water
Facility# 90917 Job# 385242 GRD
5280 Hopyard-Pleasanton T0600100345 QA
 Collected: 02/19/2009

Account Number: 10904

 Submitted: 02/21/2009 09:40
 Reported: 02/27/2009 at 20:33
 Discard: 03/30/2009

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

HRPQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	Detection Limit 50	ug/l	1
06054	BTEX+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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	02/25/2009 12:17	Katrina T Longenecker	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	02/25/2009 13:13	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/25/2009 12:17	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/25/2009 13:13	Anita M Dale	1

Lancaster Laboratories Sample No. **WW5605276**

Group No. **1133165**

MW-4-W-090219 Grab Water
Facility# 90917 Job# 385242 GRD
5280 Hopyard-Pleasanton T0600100345 MW-4
 Collected: 02/19/2009 11:30 by JH

Account Number: 10904

Submitted: 02/21/2009 09:40
 Reported: 02/27/2009 at 20:33
 Discard: 03/30/2009

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

HRP04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	Detection Limit 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	3	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 N. CA water C6-C12	SW-846 8015B	1	02/25/2009 19:37	Katrina T Longenecker	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	02/25/2009 21:41	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/25/2009 19:37	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/25/2009 21:41	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW5605277
Group No. 1133165
MW-5-W-090219 Grab Water
Facility# 90917 Job# 385242 GRD
5280 Hopyard-Pleasanton T0600100345 MW-5
 Collected: 02/19/2009 12:50 by JH

Account Number: 10904

 Submitted: 02/21/2009 09:40
 Reported: 02/27/2009 at 20:33
 Discard: 03/30/2009

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

HRP05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO N. CA water C6-C12	n.a.	7,000	Detection Limit 250	ug/l	5
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	100	ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	ug/l	2
02011	di-Isopropyl ether	108-20-3	N.D.	1	ug/l	2
02013	Ethyl t-butyl ether	637-92-3	N.D.	1	ug/l	2
02014	t-Amyl methyl ether	994-05-8	N.D.	1	ug/l	2
02015	t-Butyl alcohol	75-65-0	N.D.	4	ug/l	2
05401	Benzene	71-43-2	81	1	ug/l	2
05407	Toluene	108-88-3	1	1	ug/l	2
05415	Ethylbenzene	100-41-4	380	1	ug/l	2
06310	Xylene (Total)	1330-20-7	2	1	ug/l	2

The reporting limits for the GC/MS volatile compounds were raised due to the level of non-target compounds.

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 N. CA water C6-C12	SW-846 8015B	1	02/25/2009	20:50	Katrina T Longenecker	5
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	02/25/2009	22:55	Michael A Ziegler	2
01146	GC VOA Water Prep	SW-846 5030B	1	02/25/2009	20:50	Katrina T Longenecker	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/25/2009	22:55	Michael A Ziegler	2

Lancaster Laboratories Sample No. WW5605278
Group No. 1133165
MW-6-W-090219 Grab Water
Facility# 90917 Job# 385242 GRD
5280 Hopyard-Pleasanton T0600100345 MW-6
 Collected: 02/19/2009 12:10 by JH

Account Number: 10904

 Submitted: 02/21/2009 09:40
 Reported: 02/27/2009 at 20:33
 Discard: 03/30/2009

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

HRP06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO N. CA water C6-C12	n.a.	320	Detection Limit 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	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	02/26/2009 14:02	Marie D John	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	02/25/2009 23:44	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/26/2009 14:02	Marie D John	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/25/2009 23:44	Michael A Ziegler	1

Lancaster Laboratories Sample No. **WW5605279**

Group No. **1133165**

MW-7-W-090219 Grab Water
Facility# 90917 Job# 385242 GRD
5280 Hopyard-Pleasanton T0600100345 MW-7
 Collected: 02/19/2009 10:20 by JH

Account Number: 10904

Submitted: 02/21/2009 09:40
 Reported: 02/27/2009 at 20:33
 Discard: 03/30/2009

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 N. CA water C6-C12	n.a.	N.D.	Detection Limit 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	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 N. CA water C6-C12	SW-846 8015B	1	02/27/2009 04:19	Tyler O Griffin	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	02/26/2009 00:08	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/27/2009 04:19	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/26/2009 00:08	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW5605280
Group No. 1133165
MW-8-W-090219 Grab Water
Facility# 90917 Job# 385242 GRD
5280 Hopyard-Pleasanton T0600100345 MW-8
 Collected: 02/19/2009 11:00 by JH

Account Number: 10904

 Submitted: 02/21/2009 09:40
 Reported: 02/27/2009 at 20:33
 Discard: 03/30/2009

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

HRP08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	Detection Limit 50	ug/l	1
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.						
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	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	02/27/2009 04:43		Tyler O Griffin	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	02/26/2009 00:33		Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/27/2009 04:43		Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/26/2009 00:33		Michael A Ziegler	1

Lancaster Laboratories Sample No. WW5605281
Group No. 1133165
MW-9-W-090219 Grab Water
Facility# 90917 Job# 385242 GRD
5280 Hopyard-Pleasanton T0600100345 MW-9
 Collected: 02/19/2009 09:40 by JH

Account Number: 10904

 Submitted: 02/21/2009 09:40
 Reported: 02/27/2009 at 20:33
 Discard: 03/30/2009

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

HRP09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	Detection Limit 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	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 N. CA water C6-C12	SW-846 8015B	1	02/27/2009 05:08	Tyler O Griffin	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	02/26/2009 00:58	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/27/2009 05:08	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/26/2009 00:58	Michael A Ziegler	1

Quality Control Summary

 Client Name: Chevron
 Reported: 02/27/09 at 08:33 PM

Group Number: 1133165

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

<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: 09055B08A TPH-GRO N. CA water C6-C12	Sample number(s): 5605275-5605277							
	N.D.	50.	ug/l	118	118	75-135	0	30
Batch number: 09056A08A TPH-GRO N. CA water C6-C12	Sample number(s): 5605278							
	N.D.	50.	ug/l	118	109	75-135	8	30
Batch number: 09057A08A TPH-GRO N. CA water C6-C12	Sample number(s): 5605279-5605281							
	N.D.	50.	ug/l	118	118	75-135	0	30
Batch number: F090562AA Methyl Tertiary Butyl Ether	Sample number(s): 5605275							
Benzene	N.D.	0.5	ug/l	89		78-117		
Toluene	N.D.	0.5	ug/l	89		80-116		
Ethylbenzene	N.D.	0.5	ug/l	88		80-115		
Xylene (Total)	N.D.	0.5	ug/l	90		80-113		
						81-114		
Batch number: Z090563AA Ethanol	Sample number(s): 5605276-5605281							
Methyl Tertiary Butyl Ether	N.D.	50.	ug/l	103		40-158		
di-Isopropyl ether	N.D.	0.5	ug/l	103		78-117		
Ethyl t-butyl ether	N.D.	0.5	ug/l	103		71-124		
t-Amyl methyl ether	N.D.	0.5	ug/l	108		75-118		
t-Butyl alcohol	N.D.	0.5	ug/l	108		78-117		
Benzene	N.D.	2.	ug/l	101		74-116		
Toluene	N.D.	0.5	ug/l	102		80-116		
Ethylbenzene	N.D.	0.5	ug/l	106		80-115		
Xylene (Total)	N.D.	0.5	ug/l	106		80-113		
						81-114		

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>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 09055B08A TPH-GRO N. CA water C6-C12	Sample number(s): 5605275-5605277								
	127		63-154	UNSPK:	P605248				
Batch number: 09056A08A TPH-GRO N. CA water C6-C12	Sample number(s): 5605278								
	116		63-154	UNSPK:	5605278				
Batch number: 09057A08A TPH-GRO N. CA water C6-C12	Sample number(s): 5605279-5605281								
	118		63-154	UNSPK:	P605297				

*- 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

Group Number: 1133165

Reported: 02/27/09 at 08:33 PM

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: F090562AA	Sample number(s): 5605275 UNSPK: P605562								
Methyl Tertiary Butyl Ether	98	98	72-126	0	30				
Benzene	97	98	80-126	1	30				
Toluene	99	97	80-125	2	30				
Ethylbenzene	102	100	77-125	2	30				
Xylene (Total)	103	101	79-125	2	30				
Batch number: Z090563AA	Sample number(s): 5605276-5605281 UNSPK: 5605276								
Ethanol	107	105	37-164	2	30				
Methyl Tertiary Butyl Ether	105	103	72-126	2	30				
di-Isopropyl ether	104	103	70-129	1	30				
Ethyl t-butyl ether	110	110	74-122	0	30				
t-Amyl methyl ether	108	107	75-122	1	30				
t-Butyl alcohol	100	100	67-119	1	30				
Benzene	107	106	80-126	2	30				
Toluene	112	111	80-125	1	30				
Ethylbenzene	111	110	77-125	1	30				
Xylene (Total)	110	108	79-125	1	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 N. CA water C6-C12

Batch number: 09055B08A

Trifluorotoluene-F

5605275	105
5605276	107
5605277	138*
Blank	107
LCS	111
LCSD	114
MS	112

Limits: 63-135

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

Batch number: 09056A08A

Trifluorotoluene-F

5605278	112
Blank	100
LCS	109
LCSD	113
MS	116

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.

Quality Control Summary

 Client Name: Chevron
 Reported: 02/27/09 at 08:33 PM

Group Number: 1133165

Surrogate Quality Control

 Analysis Name: TPH-GRO N. CA water C6-C12
 Batch number: 09057A08A
 Trifluorotoluene-F

5605279	101
5605280	101
5605281	101
Blank	102
LCS	106
LCSD	108
MS	108

Limits: 63-135

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: F090562AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5605275	99	100	93	90
Blank	94	94	90	87
LCS	94	94	91	97
MS	93	93	90	99
MSD	91	94	89	97

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

 Analysis Name: BTEX+5 Oxygenates+ETOH
 Batch number: Z090563AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5605276	96	94	102	91
5605277	93	92	105	96
5605278	94	92	103	94
5605279	97	94	102	91
5605280	96	94	104	91
5605281	95	94	103	95
Blank	96	94	102	91
LCS	94	94	103	97
MS	95	96	102	96
MSD	94	93	103	96

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:

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	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.		
>	greater than		
ppm	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.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA data qualifiers:

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

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

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

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