



# GETTLER-RYAN INC.

## TRANSMITTAL

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1:12 pm, Mar 18, 2008

Alameda County  
Environmental Health

March 14, 2008

G-R #386433

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

CC: Ms. Olivia Skance  
Chevron Environmental  
Management Company  
P.O. Box 6012, Room K2196  
San Ramon, California 94583

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

RE: **Chevron Service Station  
#9-3322  
7225 Bancroft Avenue  
Oakland, California  
RO 0000274**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	March 5, 2008	Groundwater Monitoring and Sampling Report First Quarter Event of February 1, 2008

### COMMENTS:

Pursuant to your request, we are providing you with a copy of the above referenced report for **your use and distribution to the following (via PDF):**

Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 (**Distributed by CRA via PDF**)

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **March 28, 2008**, at which time this final report will be distributed to the following:

cc: Mr. Dean Najdawi, (Owner), 7225 Bancroft Avenue, Oakland, CA 94605-2407

Enclosures

trans/9-3322-OS



**Olivia Skance**  
Project Manager  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 842-5005  
Fax (925) 842-8370  
olivia.skance@chevron.com

March 14, 2008

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

Re: Chevron Service Station No. 9-3322  
Address 7225 Bancroft Ave.

I have reviewed the attached routine groundwater monitoring report dated March 14, 2008.

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Olivia Skance". The signature is written in a cursive style with a large, stylized "S" at the end.

Olivia Skance  
Project Manager

Attachment: Report

## WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-3322  
 Site Address: 7225 Bancroft Avenue  
 City: Oakland, CA

Job # 386433  
 Event Date: 2/1/08  
 Sampler: SH, AW

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-1	OK						→	N	N	10" Morrison	✓
MW-2	OK						→	N	N	"	↓
MW-3	OK						→		"		
MW-4	OK						→		"		
MW-5	OK						→		"		
MW-6	OK						→		"		
MW-7	OK						→		10" Universal		
MW-8	OK						→		12" emco		
MW-9	OK						→		10" Morrison		
MW-10	OK						→		"		

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



# GETTLER - RYAN INC.



March 5, 2008  
G-R Job #386433

Ms. Olivia Skance  
Chevron Environmental Management Company  
P.O. Box 6012, Room K2196  
San Ramon, CA 94583

**RE: First Quarter Event of February 1, 2008**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

Dear Ms. Skance:

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

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

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

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

Sincerely,

- FOR -

Deanna L. Harding  
Project Coordinator

Douglas J. Lee  
Senior Geologist, P.G. No. 6882

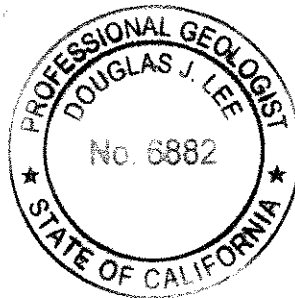
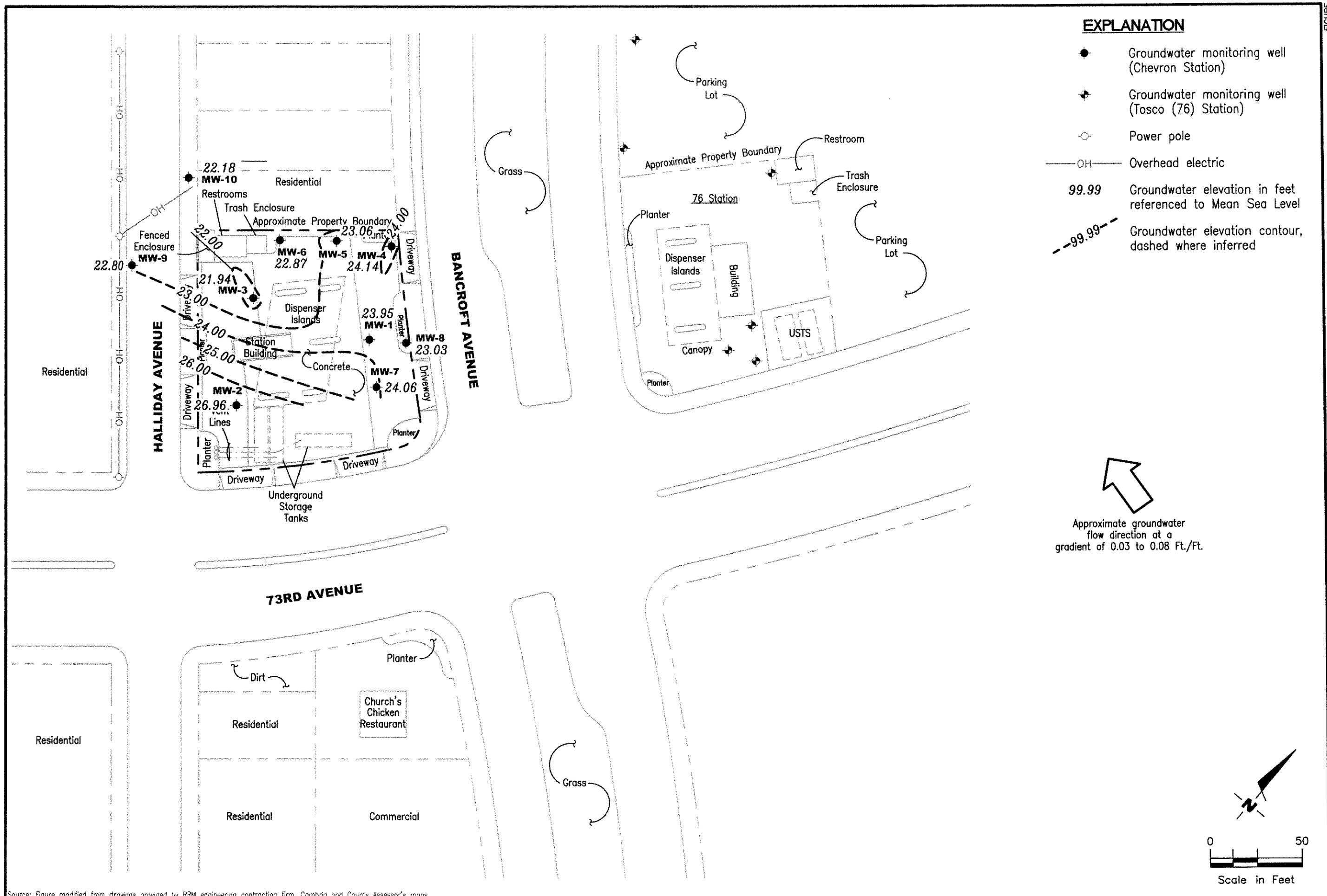


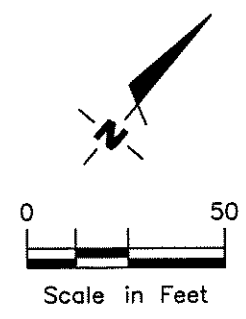
Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Groundwater Analytical Results - Oxygenate Compounds  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



**EXPLANATION**

- Groundwater monitoring well (Chevron Station)
- ◆ Groundwater monitoring well (Tosco (76) Station)
- Power pole
- OH— Overhead electric
- 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 0.03 to 0.08 Ft./Ft.



Source: Figure modified from drawings provided by RRM engineering contracting firm, Cambria and County Assessor's maps.

**POTENTIOMETRIC MAP**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

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

PROJECT NUMBER: 386433  
REVIEWED BY: [Signature]  
DATE: February 1, 2008  
REVISED DATE: [Blank]

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)	
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
<b>MW-1</b>												
02/08/98	40.41	26.53	13.88	--	--	130,000	9,700	8,200	3,200	15,000	<250	
06/16/98	40.41	26.18	14.23	--	--	96,000	15,000	12,000	2,600	11,000	1,300	
07/29/98	40.41	22.59	17.82	--	--	370,000	19,000	14,000	5,800	15,000	<2,500	
08/13/98	40.41	22.01	18.40	--	--	120,000	19,000	16,000	2,900	14,000	<1,000	
11/24/98	40.41	19.61	20.80	--	--	100,000	26,000	18,000	4,000	22,000	2,000	
02/03/99	40.41	22.96	17.45	--	--	110,000	27,000	16,000	3,800	22,000	<2.5	
06/07/99	40.41	24.29**	16.44	0.40	0.03	--	--	--	--	--	--	
09/07/99	40.41	19.97**	20.71	0.34	0.01	--	--	--	--	--	--	
10/27/99	40.41	18.93**	21.75	0.34	0.03	--	--	--	--	--	--	
02/08/00	40.41	22.44	17.97	0.00	0.00	147,000	19,600	13,700	4,020	21,300	<2,500	
05/05/00	40.41	24.36	16.05	0.00	0.00	150,000 <sup>2</sup>	28,000	17,000	4,400	23,000	<1,000	
07/28/00	40.41	21.21	19.20	0.00	0.00	76,000 <sup>2</sup>	20,000	15,000	3,400	23,000	1,200	
11/26/00	40.41	20.44**	20.18	0.26	0.26 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
02/09/01	40.41	22.40**	18.03	0.03	0.26 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
05/11/01	40.41	25.31	15.10	0.00	0.00	89,000 <sup>2</sup>	21,000	12,000	3,200	14,000	<500	
08/30/01	40.41	20.05**	20.42	0.07	0.26 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
11/21/01	40.41	20.11**	20.52	0.27	0.00	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
02/05/02	40.41	25.79**	14.63	0.01	0.00	130,000	16,000	13,000	4,200	23,000	<30	
04/01/02	37.40	25.03	12.37	0.00	0.00	--	--	--	--	--	--	
08/05/02	37.40	24.46	12.94	0.00	0.00	230,000	12,000	9,000	5,500	28,000	280	
11/04/02	37.40	17.37	20.03	0.00	0.00	130,000	24,000	15,000	3,900	20,000	<60	
02/03/03	37.40	23.22	14.18	0.00	0.00	100,000	13,000	8,900	3,000	15,000	<130	
05/02/03	37.40	24.12	13.28	0.00	0.00	140,000	9,900	5,900	4,200	21,000	<130	
08/01/03 <sup>7</sup>	37.40	20.58	16.82	0.00	0.00	250,000	16,000	7,300	3,700	19,000	45	
11/21/03 <sup>7</sup>	37.40	19.06	18.34	0.00	0.00	110,000	18,000	9,500	3,000	17,000	<10	
02/10/04 <sup>7</sup>	37.40	23.89	13.51	0.00	0.00	51,000	4,800	1,700	760	6,400	20	
05/11/04 <sup>7</sup>	37.40	23.05	14.35	0.00	0.00	80,000	13,000	6,500	2,800	14,000	61	
08/10/04 <sup>7</sup>	37.40	20.61**	16.80	0.01	0.00	100,000	14,000	8,700	3,200	17,000	<25	
11/08/04	37.40	21.89**	15.63	0.15	1.30 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
02/21/05	37.40	25.98**	11.84	0.52	0.60 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
05/10/05	37.40	26.11**	11.49	0.25	1.11 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
05/12/05	37.40	22.98**	14.44	0.03	1.01 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
11/11/05	37.40	19.13**	18.58	0.39	0.75 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	
02/20/06	37.40	25.33**	12.66	0.74	0.25 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--	

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>MW-1 (cont)</b>											
05/12/06	37.40	26.92**	10.71	0.29	0.05 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
08/14/06	37.40	21.78**	15.82	0.25	0.02 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/08/06	37.40	19.21**	18.49	0.38	0.55 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
02/07/07	37.40	21.98**	15.48	0.08	0.06 <sup>10</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/07/07	37.40	32.77**	4.83	0.25	0.39 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
08/03/07	37.40	19.76**	18.06	0.52	0.52 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
10/12/07	37.40	18.13**	19.29	0.03	0.16 <sup>4</sup>	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
11/02/07 <sup>7</sup>	37.40	18.22	19.18	0.00	0.00	140,000	9,800	9,500	4,100	20,000	<10
12/07/07 <sup>7</sup>	37.40	18.34	19.06	0.00	0.00	130,000	11,000	11,000	3,800	20,000	10
<b>02/01/08<sup>7</sup></b>	<b>37.40</b>	<b>23.95</b>	<b>13.45</b>	<b>0.00</b>	<b>0.00</b>	<b>61,000</b>	<b>2,200</b>	<b>2,000</b>	<b>2,000</b>	<b>10,000</b>	<b>11</b>
<b>MW-2</b>											
02/08/98	38.73	31.13	7.60	--	--	24,000	130	170	450	1,900	2,300
06/16/98	38.73	29.61	9.12	--	--	8,900	31	46	310	1,100	260
07/29/98	38.73	27.06	11.67	--	--	7,600	15	21	150	480	82
08/13/98	38.73	26.32	12.41	--	--	14,000	26	80	500	2,100	32
11/24/98	38.73	23.10	15.63	--	--	37,000	63	220	1,300	7,100	770
02/03/99	38.73	27.16	11.57	--	--	16,000	140	110	850	3,100	900
06/07/99	38.73	27.78	10.95	--	--	4,300	<10	<10	120	260	160
09/07/99	38.73	26.00	12.73	--	--	10,700	50.5	<25	297	1,020	<250
10/27/99	38.73	26.02	12.71	--	--	7,240	53.8	31.9	234	654	448
02/08/00	38.73	28.59	10.14	--	--	10,100	42.9	18.4	424	1,480	206
05/05/00	38.73	28.61	10.12	0.00	0.00	7,800 <sup>2</sup>	34	22	320	1,100	170
07/28/00	38.73	26.16	12.57	0.00	0.00	6,700 <sup>2</sup>	40	13	490	540	190
11/26/00	38.73	26.83	11.90	0.00	0.00	8,200 <sup>2</sup>	21	9.5	400	1,100	120
02/09/01	38.73	26.53	12.20	0.00	0.00	11,200 <sup>3</sup>	<50.0	<50.0	629	1,380	282
05/11/01	38.73	29.75	8.98	0.00	0.00	6,800 <sup>2</sup>	39	19	370	1,100	67
08/30/01	38.73	25.83	12.90	0.00	0.00	17,000	67	<25	750	2,100	360
11/21/01	38.73	25.61	13.12	0.00	0.00	3,500	14	<5.0	100	51	610
02/05/02	38.73	30.38	8.35	0.00	0.00	10,000	5.5	<10	330	960	63
04/01/02	35.72	27.91	7.81	0.00	0.00	--	--	--	--	--	--
08/05/02	35.72	19.81	15.91	0.00	0.00	8,800	18	8.2	220	630	220
11/04/02	35.72	21.58	14.14	0.00	0.00	14,000	28	10	670	1,600	440
02/03/03	35.72	25.72	10.00	0.00	0.00	7,200	6.2	2.7	140	430	50

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>MW-2 (cont)</b>											
05/02/03	35.72	27.41	8.31	0.00	0.00	12,000	<20	3.9	350	1,500	150
08/01/03 <sup>7</sup>	35.72	23.06	12.66	0.00	0.00	12,000	14	4	330	730	140
11/21/03 <sup>7</sup>	35.72	23.05	12.67	0.00	0.00	15,000	13	4	400	1,500	100
02/10/04 <sup>7</sup>	35.72	30.52	5.20	0.00	0.00	17,000	9	3	420	1,600	72
05/11/04 <sup>7</sup>	35.72	25.89	9.83	0.00	0.00	4,800	1	0.6	140	440	81
08/10/04 <sup>7</sup>	35.72	23.91	11.81	0.00	0.00	11,000	8	1	340	1,100	35
11/08/04 <sup>7</sup>	35.72	24.13	11.59	0.00	0.00	11,000	6	2	260	810	25
02/21/05 <sup>7</sup>	35.72	27.98	7.74	0.00	0.00	16,000	5	2	500	1,700	10
05/10/05 <sup>7</sup>	35.72	27.61	8.11	0.00	0.00	8,400	3	<1	290	750	6
08/12/05 <sup>7</sup>	35.72	24.40	11.32	0.00	0.00	5,800	4	0.7	150	370	30
11/11/05 <sup>7</sup>	35.72	23.14	12.58	0.00	0.00	4,500	4	1	120	310	7
02/20/06 <sup>7</sup>	35.72	28.31	7.41	0.00	0.00	5,700	1	<0.5	190	380	0.7
05/12/06 <sup>7</sup>	35.72	28.70	7.02	0.00	0.00	9,100	2	<0.5	210	440	1
08/14/06 <sup>7</sup>	35.72	24.34	11.38	0.00	0.00	2,400	2	<0.5	42	98	20
11/08/06 <sup>7</sup>	35.72	22.30	13.42	0.00	0.00	5,700	4	0.9	87	190	7
02/07/07 <sup>7</sup>	35.72	23.74	11.98	0.00	0.00	5,500	9	2	85	120	7
05/07/07 <sup>7</sup>	35.72	24.50	11.22	0.00	0.00	8,700	1	<0.5	150	330	5
08/03/07 <sup>7</sup>	35.72	18.53	17.19	0.00	0.00	2,600	<0.5	<0.5	10	28	2
10/12/07 <sup>7</sup>	35.72	20.83	14.89	0.00	0.00	9,300	7	0.6	100	120	4
11/02/07 <sup>7</sup>	35.72	20.14	15.58	0.00	0.00	11,000	3	0.7	220	590	2
12/07/07 <sup>7</sup>	35.72	16.43	19.29	0.00	0.00	9,500	3	<1	210	480	2
<b>02/01/08<sup>7</sup></b>	<b>35.72</b>	<b>26.96</b>	<b>8.76</b>	<b>0.00</b>	<b>0.00</b>	<b>8,100</b>	<b>2</b>	<b>0.7</b>	<b>190</b>	<b>440</b>	<b>4</b>
<b>MW-3</b>											
02/08/98	39.51	24.91	14.60	--	--	94,000	12,000	4,400	2,000	10,000	8,000
06/16/98	39.51	25.53	13.98	--	--	38,000	5,600	1,400	1,200	4,700	6,300/4,600 <sup>1</sup>
07/29/98	39.51	22.14	17.37	--	--	58,000	4,100	700	1,300	4,200	4,100
08/13/98	39.51	21.29	18.22	--	--	43,000	6,800	1,900	1,600	6,800	2,300
11/24/98	39.51	19.06	20.45	--	--	40,000	5,000	800	1,600	6,800	6,000/4,400 <sup>1</sup>
02/03/99	39.51	22.03	17.48	--	--	47,000	7,100	1,600	1,900	9,000	5,000
06/07/99	39.51	23.76	15.75	--	--	27,000	2,500	540	1,200	3,900	2,800
09/07/99	39.51	19.80	19.71	--	--	44,000	3,930	1,170	1,760	7,130	3,440
10/27/99	39.51	19.09	20.42	--	--	28,200	2,030	620	1,260	5,080	1,710
02/08/00	39.51	21.76	17.75	--	--	25,300	2,000	668	1,210	5,330	1,760



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>MW-3 (cont)</b>											
05/05/00	39.51	23.87	15.64	0.00	0.00	27,000 <sup>2</sup>	2,600	960	1,500	5,200	2,500
07/28/00	39.51	21.28	18.23	0.00	0.00	7,400 <sup>2</sup>	950	360	840	3,200	1,700
11/26/00	39.51	20.13	19.38	0.00	0.00	20,000 <sup>2</sup>	1,800	690	1,400	5,500	1,600
02/09/01	39.51	21.79	17.72	0.00	0.00	31,200 <sup>3</sup>	1,980	<50.0	1,770	7,220	2,170
05/11/01	39.51	24.86	14.65	0.00	0.00	18,000 <sup>2</sup>	3,000	780	1,600	5,500	1,800
08/30/01	39.51	20.16	19.35	0.00	0.00	9,400	570	180	610	1,900	880
11/21/01	39.51	19.47	20.04	0.00	0.00	29,000	1,100	450	1,500	6,100	1,200
02/05/02	39.51	25.42	14.09	0.00	0.00	16,000	820	210	830	2,400	1,100
04/01/02	36.53	24.32	12.21	0.00	0.00	--	--	--	--	--	--
08/05/02	36.53	22.22	14.31	0.00	0.00	11,000	310	92	380	820	830
11/04/02	36.53	17.50	19.03	0.00	0.00	32,000	1,900	540	1,800	5,900	1,500
02/03/03	36.53	22.58	13.95	0.00	0.00	19,000	1,100	240	920	2,900	1,100
05/02/03	36.53	23.46	13.07	0.00	0.00	18,000	1,200	270	1,100	2,500	1,400
08/01/03 <sup>7</sup>	36.53	20.22	16.31	0.00	0.00	7,700	300	79	410	820	780
11/21/03 <sup>7</sup>	36.53	18.64	17.89	0.00	0.00	7,600	270	100	470	1,300	700
02/10/04 <sup>7</sup>	36.53	23.47	13.06	0.00	0.00	3,800	250	28	170	300	650
05/11/04 <sup>7</sup>	36.53	22.80	13.73	0.00	0.00	1,200	60	9	76	62	530
08/10/04 <sup>7</sup>	36.53	20.44	16.09	0.00	0.00	1,600	70	9	86	62	500
11/08/04 <sup>7</sup>	36.53	21.42	15.11	0.00	0.00	4,800	280	37	260	400	760
02/21/05 <sup>7</sup>	36.53	25.08	11.45	0.00	0.00	450	0.8	<0.5	0.7	<0.5	200
05/10/05 <sup>7</sup>	36.53	26.27	10.26	0.00	0.00	220	<0.5	<0.5	<0.5	<0.5	250
08/12/05 <sup>7</sup>	36.53	20.11	16.42	0.00	0.00	2,800	94	32	150	390	370
11/11/05 <sup>7</sup>	36.53	18.94	17.59	0.00	0.00	3,800	140	46	230	430	440
02/20/06 <sup>7</sup>	36.53	24.61	11.92	0.00	0.00	390	4	0.9	5	4	290
05/12/06 <sup>7</sup>	36.53	27.15	9.38	0.00	0.00	1,100	2	<0.5	3	2	91
08/14/06 <sup>7</sup>	36.53	21.85	14.68	0.00	0.00	170	<0.5	<0.5	<0.5	0.8	21
11/08/06 <sup>7</sup>	36.53	19.10	17.43	0.00	0.00	1,900	83	17	120	130	100
02/07/07 <sup>7</sup>	36.53	21.46	15.07	0.00	0.00	7,400	340	42	310	530	170
05/07/07 <sup>7</sup>	36.53	23.21	13.32	0.00	0.00	1,200	7	<0.5	5	6	17
08/03/07 <sup>7</sup>	36.53	19.48	17.05	0.00	0.00	740	44	2	12	9	77
10/12/07 <sup>7</sup>	36.53	17.83	18.70	0.00	0.00	5,800	250	28	240	290	170
11/02/07 <sup>7</sup>	36.53	17.72	18.81	0.00	0.00	2,400	160	8	33	19	140
12/07/07 <sup>7</sup>	36.53	17.88	18.65	0.00	0.00	2,100	180	11	41	33	160
<b>02/01/08<sup>7</sup></b>	<b>36.53</b>	<b>21.94</b>	<b>14.59</b>	<b>0.00</b>	<b>0.00</b>	<b>3,600</b>	<b>570</b>	<b>45</b>	<b>81</b>	<b>140</b>	<b>180</b>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>MW-4</b>											
02/02/99	40.24	27.07	13.17	--	--	<50	0.52	<0.5	<0.5	<0.5	6.0
06/07/99	40.24	23.83	16.41	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	40.24	19.34	20.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	40.24	18.65	21.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/08/00	40.24	23.08	17.16	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/05/00	40.24	24.22	16.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/28/00	40.24	21.12	19.12	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	40.24	20.32	19.92	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/09/01	40.24	22.79	17.45	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
05/11/01	40.24	25.22	15.02	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	40.24	19.91	20.33	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/21/01	40.24	20.49	19.75	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/02	40.24	26.18	14.06	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/02	37.29	25.23	12.06	0.00	0.00	--	--	--	--	--	--
08/05/02	37.29	20.24	17.05	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/04/02	37.29	17.56	19.73	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/03/03	37.29	23.24	14.05	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/02/03	37.29	24.44	12.85	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/01/03 <sup>7</sup>	37.29	20.35	16.94	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/03 <sup>7</sup>	37.29	19.14	18.15	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/04 <sup>7</sup>	37.29	24.27	13.02	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
05/11/04 <sup>7</sup>	37.29	23.14	14.15	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/10/04 <sup>7</sup>	37.29	20.82	16.47	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>7</sup>	37.29	22.43	14.86	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05 <sup>7</sup>	37.29	26.53	10.76	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/05 <sup>7</sup>	37.29	27.04	10.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
08/12/05 <sup>7</sup>	37.29	22.04	15.25	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/11/05 <sup>7</sup>	37.29	18.93	18.36	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/06 <sup>7</sup>	37.29	25.70	11.59	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
05/12/06 <sup>7</sup>	37.29	27.42	9.87	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8
08/14/06 <sup>7</sup>	37.29	21.94	15.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/06 <sup>7</sup>	37.29	19.01	18.28	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/07 <sup>7</sup>	37.29	21.89	15.40	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/07 <sup>7</sup>	37.29	23.73	13.56	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/03/07 <sup>7</sup>	37.29	19.59	17.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)	
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
<b>MW-4 (cont)</b>												
10/12/07 <sup>7</sup>	37.29	17.81	19.48	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
11/02/07 <sup>7</sup>	37.29	17.88	19.41	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
12/07/07 <sup>7</sup>	37.29	17.84	19.45	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
<b>02/01/08<sup>7</sup></b>	<b>37.29</b>	<b>24.14</b>	<b>13.15</b>	<b>0.00</b>	<b>0.00</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-5</b>												
02/02/99	40.37	21.57	18.80	--	--	72	2.7	<0.5	<0.5	<0.5	11	
06/07/99	40.37	23.39	16.98	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
09/07/99	40.37	19.24	21.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	6.92	
10/27/99	40.37	18.45	21.92	--	--	<50	2.39	<0.5	<0.5	<0.5	21.3	
02/08/00	40.37	21.39	18.98	--	--	<50	10.6	<0.5	<0.5	<0.5	21.7	
05/05/00	40.37	23.48	16.89	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	3.8	
07/28/00	40.37	20.88	19.49	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
11/26/00	40.37	19.68	20.69	0.00	0.00	<50	0.57	<0.50	<0.50	<0.50	15	
02/09/01	40.37	21.50	18.87	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	9.11	
05/11/01	40.37	24.47	15.90	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
08/30/01	40.37	19.76	20.61	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	9.5	
11/21/01	40.37	19.33	21.04	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	7.3	
02/05/02	40.37	25.16	15.21	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
04/01/02	37.40	23.95	13.45	0.00	0.00	--	--	--	--	--	--	
08/05/02	37.40	19.86	17.54	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.7	
11/04/02	37.40	17.33	20.07	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	6.3	
02/03/03	37.40	22.37	15.03	0.00	0.00	<50	<0.50	0.60	<0.50	<1.5	<2.5	
05/02/03	37.40	23.44	13.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5	
08/01/03 <sup>7</sup>	37.40	20.00	17.40	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
11/21/03 <sup>7</sup>	37.40	18.83	18.57	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
02/10/04 <sup>7</sup>	37.40	23.26	14.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
05/11/04 <sup>7</sup>	37.40	22.70	14.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
08/10/04 <sup>7</sup>	37.40	20.32	17.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
11/08/04 <sup>7</sup>	37.40	21.42	15.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
02/21/05	37.40	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--
05/10/05 <sup>7</sup>	37.40	25.52	11.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	
08/12/05 <sup>7</sup>	37.40	21.77	15.63	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
11/11/05 <sup>7</sup>	37.40	18.72	18.68	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8	

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
<b>MW-5 (cont)</b>												
02/20/06 <sup>7</sup>	37.40	24.83	12.57	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
05/12/06 <sup>7</sup>	37.40	26.34	11.06	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9	
08/14/06 <sup>7</sup>	37.40	21.67	15.73	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9	
11/08/06 <sup>7</sup>	37.40	18.89	18.51	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1	
02/07/07 <sup>7</sup>	37.40	21.38	16.02	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6	
05/07/07 <sup>7</sup>	37.40	23.08	14.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
08/03/07 <sup>7</sup>	37.40	19.32	18.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6	
10/12/07 <sup>7</sup>	37.40	17.66	19.74	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.8	
11/02/07 <sup>7</sup>	37.40	17.62	19.78	0.00	0.00	61	<0.5	<0.5	<0.5	<0.5	<0.5	
12/07/07 <sup>7</sup>	37.40	17.69	19.71	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
<b>02/01/08<sup>7</sup></b>	<b>37.40</b>	<b>23.06</b>	<b>14.34</b>	<b>0.00</b>	<b>0.00</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-6</b>												
02/02/99	39.84	21.36	18.48	--	--	14,000	5,600	<50	150	160	<250	
06/07/99	39.84	23.39	16.45	--	--	1,500	1,100	33	25	34	200	
09/07/99	39.84	19.35	20.49	--	--	6,550	2,940	81.5	177	84	865	
10/27/99	39.84	18.61	21.23	--	--	3,680	1,240	29.6	115	14.9	735	
02/08/00	39.84	21.44	18.40	--	--	17,300	8,920	<100	378	211	2,610	
05/05/00	39.84	23.48	16.36	0.00	0.00	4,200 <sup>2</sup>	1,900	98	170	290	1,300	
07/28/00	39.84	20.90	18.94	0.00	0.00	1,200 <sup>2</sup>	660	30	83	36	650	
11/26/00	39.84	19.71	20.13	0.00	0.00	7,600 <sup>2</sup>	4,300	63	360	110	2,000	
02/09/01	39.84	21.44	18.40	0.00	0.00	18,200 <sup>3</sup>	7,090	<100	457	169	2,930	
05/11/01	39.84	24.39	15.45	0.00	0.00	2,600 <sup>2</sup>	2,300	31	88	40	990	
08/30/01	39.84	19.82	20.02	0.00	0.00	2,500	1,600	50	160	100	1,900	
11/21/01	39.84	19.22	20.62	0.00	0.00	25,000	8,800	150	620	330	2,900	
02/05/02	39.84	24.04	15.80	0.00	0.00	1,400	400	6.8	27	20	480	
04/01/02	36.90	23.08	13.82	0.00	0.00	--	--	--	--	--	--	
08/05/02	36.90	19.85	17.05	0.00	0.00	1,200	300	5.1	11	3.7	250	
11/04/02	36.90	17.34	19.56	0.00	0.00	7,500	2,000	29	140	39	1,300	
02/03/03	36.90	22.28	14.62	0.00	0.00	630	160	<5.0	9.2	2.7	260	
05/02/03	36.90	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--
08/01/03 <sup>7</sup>	36.90	20.02	16.88	0.00	0.00	1,500	400	3	14	3	540	
11/21/03 <sup>7</sup>	36.90	18.49	18.41	0.00	0.00	4,400	1,300	12	98	18	540	
02/10/04 <sup>7</sup>	36.90	23.20	13.70	0.00	0.00	430	110	1	4	0.7	150	

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>MW-6 (cont)</b>											
05/11/04 <sup>7</sup>	36.90	22.63	14.27	0.00	0.00	95	11	<0.5	1	0.6	120
08/10/04 <sup>7</sup>	36.90	20.26	16.64	0.00	0.00	430	46	<0.5	3	<0.5	140
11/08/04 <sup>7</sup>	36.90	21.27	15.63	0.00	0.00	750	50	<0.5	2	<0.5	81
02/21/05 <sup>7</sup>	36.90	25.47	11.43	0.00	0.00	130	8	<0.5	<0.5	<0.5	60
05/10/05 <sup>7</sup>	36.90	25.49	11.41	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/12/05 <sup>7</sup>	36.90	21.82	15.08	0.00	0.00	75	<0.5	<0.5	<0.5	<0.5	82
11/11/05 <sup>7</sup>	36.90	18.74	18.16	0.00	0.00	1,100	270	12	19	46	350
02/20/06 <sup>7</sup>	36.90	24.75	12.15	0.00	0.00	1,100	250	3	22	9	130
05/12/06 <sup>7</sup>	36.90	26.58	10.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	84
08/14/06 <sup>7</sup>	36.90	21.69	15.21	0.00	0.00	51	<0.5	<0.5	<0.5	<0.5	75
11/08/06 <sup>7</sup>	36.90	18.93	17.97	0.00	0.00	200	3	<0.5	<0.5	<0.5	27
02/07/07 <sup>7</sup>	36.90	21.30	15.60	0.00	0.00	1,500	120	0.8	5	1	54
05/07/07 <sup>7</sup>	36.90	22.12	14.78	0.00	0.00	740	98	0.5	2	2	31
08/03/07 <sup>7</sup>	36.90	19.33	17.57	0.00	0.00	1,600	410	4	2	3	80
10/12/07 <sup>7</sup>	36.90	17.70	19.20	0.00	0.00	1,100	130	0.9	0.9	<0.5	79
11/02/07 <sup>7</sup>	36.90	17.47	19.43	0.00	0.00	1,500	240	1	0.7	0.5	70
12/07/07 <sup>7</sup>	36.90	17.79	19.11	0.00	0.00	770	84	<0.5	<0.5	<0.5	60
<b>02/01/08<sup>7</sup></b>	<b>36.90</b>	<b>22.87</b>	<b>14.03</b>	<b>0.00</b>	<b>0.00</b>	<b>650</b>	<b>89</b>	<b>&lt;0.5</b>	<b>1</b>	<b>0.7</b>	<b>24</b>
<b>MW-7</b>											
02/21/05 <sup>7</sup>	36.84	26.43	10.41	0.00	0.00	7,600	2,200	6	210	920	53
05/10/05 <sup>7</sup>	36.84	27.25	9.59	0.00	0.00	3,900	700	<0.5	<0.5	650	77
08/12/05 <sup>7</sup>	36.84	24.01	12.83	0.00	0.00	18,000	7,300	12	1,100	2,500	80
11/11/05 <sup>7</sup>	NP <sup>8</sup>	20.20	16.64	0.00	0.00	39,000	11,000	38	1,700	2,900	100
02/20/06 <sup>7</sup>	36.84	26.45	10.39	0.00	0.00	17,000	4,400	18	470	1,500	62
05/12/06 <sup>7</sup>	36.84	28.05	8.79	0.00	0.00	15,000	5,100	12	370	880	73
08/14/06 <sup>7</sup>	36.84	22.96	13.88	0.00	0.00	30,000	8,100	18	1,500	3,600	74
11/08/06 <sup>7</sup>	36.84	19.97	16.87	0.00	0.00	39,000	10,000	28	1,400	2,300	89
02/07/07 <sup>7</sup>	36.84	22.41	14.43	0.00	0.00	43,000	9,400	51	1,800	4,400	80
05/07/07 <sup>7</sup>	36.84	24.27	12.57	0.00	0.00	50,000	8,800	35	1,700	3,700	72
08/03/07 <sup>7</sup>	NP <sup>11</sup>	20.74	16.10	0.00	0.00	57,000	12,000	41	2,400	4,400	84
10/12/07 <sup>7</sup>	36.84	18.68	18.16	0.00	0.00	15,000	2,300	63	270	730	58

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-7 (cont)</b>											
11/02/07 <sup>7</sup>	36.84	18.83	18.01	0.00	0.00	21,000	5,000	120	820	2,300	59
12/07/07	36.84	17.92	18.92	0.00	0.00	UNABLE TO SAMPLE		--	--	--	--
<b>02/01/08</b>	<b>36.84</b>	<b>24.06</b>	<b>12.78</b>	<b>0.00</b>	<b>0.00</b>	<b>UNABLE TO SAMPLE</b>		--	--	--	--
<b>MW-8</b>											
04/01/02 <sup>6</sup>	37.21	26.11	11.10	0.00	0.00	1,200	8.6	<0.50	2.5	2.5	<2.5/<2 <sup>5</sup>
08/05/02	37.21	21.07	16.14	0.00	0.00	560	11	<0.50	<0.50	<1.5	<2.5/<2 <sup>5</sup>
11/04/02	37.21	18.24	18.97	0.00	0.00	780	5.1	<0.50	1.1	1.9	<2.5/<2 <sup>5</sup>
02/03/03	37.21	24.00	13.21	0.00	0.00	230	3.7	<0.50	0.54	<1.5	<10/0.6 <sup>5</sup>
05/02/03	37.21	25.09	12.12	0.00	0.00	180	2.5	<0.5	<0.5	<1.5	<2.5/<0.5 <sup>5</sup>
08/01/03 <sup>7</sup>	37.21	21.10	16.11	0.00	0.00	220	2	<0.5	<0.5	<0.5	0.8
11/21/03 <sup>7</sup>	37.21	20.04	17.17	0.00	0.00	140	<0.5	<0.5	<0.5	<0.5	0.7
02/10/04 <sup>7</sup>	37.21	25.08	12.13	0.00	0.00	150	2	<0.5	<0.5	<0.5	0.8
05/11/04 <sup>7</sup>	37.21	23.74	13.47	0.00	0.00	86	4	<0.5	<0.5	<0.5	1
08/10/04 <sup>7</sup>	37.21	21.56	15.65	0.00	0.00	80	<0.5	<0.5	<0.5	<0.5	0.8
11/08/04 <sup>7</sup>	37.21	23.23	13.98	0.00	0.00	110	<0.5	<0.5	<0.5	<0.5	1
02/21/05 <sup>7</sup>	37.21	27.12	10.09	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/05 <sup>7</sup>	37.21	26.61	10.60	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
08/12/05 <sup>7</sup>	37.21	24.63	12.58	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/11/05 <sup>7</sup>	37.21	19.80	17.41	0.00	0.00	96	<0.5	<0.5	<0.5	<0.5	2
02/20/06 <sup>7</sup>	37.21	26.42	10.79	0.00	0.00	81	<0.5	<0.5	<0.5	<0.5	0.6
05/12/06 <sup>7</sup>	37.21	27.97	9.24	0.00	0.00	72	1	<0.5	<0.5	<0.5	2
08/14/06 <sup>7</sup>	37.21	22.54	14.67	0.00	0.00	110	3	<0.5	<0.5	<0.5	2
11/08/06 <sup>7</sup>	37.21	19.80	17.41	0.00	0.00	310	2	1	<0.5	2	3
02/07/07 <sup>7</sup>	37.21	22.63	14.58	0.00	0.00	310	0.6	<0.5	<0.5	<0.5	2
05/07/07 <sup>7</sup>	37.21	24.43	12.78	0.00	0.00	95	0.5	<0.5	<0.5	<0.5	2
08/03/07 <sup>7</sup>	37.21	20.51	16.70	0.00	0.00	130	<0.5	<0.5	<0.5	<0.5	2
10/12/07 <sup>7</sup>	37.21	18.70	18.51	0.00	0.00	340	<0.5	<0.5	<0.5	<0.5	5
11/02/07 <sup>7</sup>	37.21	18.40	18.81	0.00	0.00	210	<0.5	<0.5	<0.5	<0.5	2
12/07/07 <sup>7</sup>	37.21	18.59	18.62	0.00	0.00	230	<0.5	<0.5	<0.5	<0.5	2
<b>02/01/08<sup>7</sup></b>	<b>37.21</b>	<b>23.03</b>	<b>14.18</b>	<b>0.00</b>	<b>0.00</b>	<b>96</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>0.8</b>

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)	
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)		
<b>MW-9</b>												
04/01/02 <sup>6</sup>	35.03	24.41	10.62	0.00	0.00	94	1.5	<0.50	<0.50	<1.5	25/19 <sup>5</sup>	
08/05/02	35.03	20.18	14.85	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	18/15 <sup>5</sup>	
11/04/02	35.03	17.55	17.48	0.00	0.00	<50	<0.50	1.7	<0.50	2.1	24/21 <sup>5</sup>	
02/03/03	35.03	22.52	12.51	0.00	0.00	<50	1.9	<0.50	<0.50	<1.5	17/16 <sup>5</sup>	
05/02/03	35.03	23.35	11.68	0.00	0.00	<50	0.6	<0.5	<0.5	<1.5	21/18 <sup>5</sup>	
08/01/03 <sup>7</sup>	35.03	20.34	14.69	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	22	
11/21/03 <sup>7</sup>	35.03	18.68	16.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	18	
02/10/04 <sup>7</sup>	35.03	23.34	11.69	0.00	0.00	210	7	0.5	1	1	31	
05/11/04 <sup>7</sup>	35.03	22.91	12.12	0.00	0.00	230	17	<0.5	<0.5	<0.5	72	
08/10/04 <sup>7</sup>	35.03	20.45	14.58	0.00	0.00	250	5	<0.5	<0.5	<0.5	66	
11/08/04	35.03	INACCESSIBLE		--	--	--	--	--	--	--	--	
02/21/05 <sup>7</sup>	35.03	25.51	9.52	0.00	0.00	510	6	<0.5	1	3	79	
05/10/05 <sup>7</sup>	35.03	26.18	8.85	0.00	0.00	670	11	0.7	0.5	2	100	
08/12/05 <sup>7</sup>	35.03	23.97	11.06	0.00	0.00	390	4	<0.5	<0.5	0.7	89	
11/11/05 <sup>7</sup>	35.03	19.05	15.98	0.00	0.00	2,500	48	5	21	33	140	
02/20/06 <sup>7</sup>	35.03	24.95	10.08	0.00	0.00	3,200	47	5	30	32	130	
05/12/06 <sup>7</sup>	35.03	26.95	8.08	0.00	0.00	1,800	19	1	1	4	89	
08/14/06	35.03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--
11/08/06	35.03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--
02/07/07 <sup>7</sup>	35.03	21.46	13.57	0.00	0.00	2,000	22	2	1	8	78	
05/07/07 <sup>7</sup>	35.03	23.18	11.85	0.00	0.00	1,800	17	2	1	5	67	
08/03/07	35.03	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--
10/12/07 <sup>7</sup>	35.03	17.83	17.20	0.00	0.00	55	<0.5	<0.5	<0.5	<0.5	30	
11/02/07 <sup>7</sup>	35.03	17.75	17.28	0.00	0.00	72	<0.5	<0.5	<0.5	0.9	57	
12/07/07 <sup>7</sup>	35.03	17.91	17.12	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	59	
<b>02/01/08<sup>7</sup></b>	<b>35.03</b>	<b>22.80</b>	<b>12.23</b>	<b>0.00</b>	<b>0.00</b>	<b>61</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>50</b>	
<b>MW-10</b>												
04/01/02 <sup>6</sup>	35.53	23.81	11.72	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	6.1/5 <sup>5</sup>	
08/05/02	35.53	19.73	15.80	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.1/5 <sup>5</sup>	
11/04/02	35.53	17.22	18.31	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.5/5 <sup>5</sup>	
02/03/03	35.53	22.11	13.42	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.8/3 <sup>5</sup>	
05/02/03	35.53	23.08	12.45	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5 <sup>5</sup>	
08/01/03 <sup>7</sup>	35.53	19.91	15.62	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2	

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7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>MW-10 (cont)</b>											
11/21/03 <sup>7</sup>	35.53	18.27	17.26	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
02/10/04 <sup>7</sup>	35.53	23.01	12.52	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/11/04 <sup>7</sup>	35.53	22.47	13.06	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
08/10/04 <sup>7</sup>	35.53	20.08	15.45	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3
11/08/04 <sup>7</sup>	35.53	20.85	14.68	0.00	0.00	<50	<0.5	<0.5	0.9	5	<0.5
02/21/05 <sup>7</sup>	35.53	25.21	10.32	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/05 <sup>7</sup>	35.53	24.49	11.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
08/12/05 <sup>7</sup>	35.53	22.95	12.58	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
11/11/05 <sup>7</sup>	35.53	18.64	16.89	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5
02/20/06 <sup>7</sup>	35.53	24.62	10.91	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06 <sup>7</sup>	35.53	26.27	9.26	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.6
08/14/06 <sup>7</sup>	35.53	21.57	13.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2
11/08/06	35.53	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--
02/07/07 <sup>7</sup>	35.53	21.08	14.45	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2
05/07/07 <sup>7</sup>	35.53	22.72	12.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	0.9
08/03/07 <sup>7</sup>	35.53	19.18	16.35	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3
10/12/07 <sup>7</sup>	35.53	17.60	17.93	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	5
11/02/07 <sup>7</sup>	35.53	17.49	18.04	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	4
12/07/07 <sup>7</sup>	35.53	17.72	17.81	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	3
<b>02/01/08<sup>7</sup></b>	<b>35.53</b>	<b>22.18</b>	<b>13.35</b>	<b>0.00</b>	<b>0.00</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>TRIP BLANK</b>											
02/08/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/16/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
08/13/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
11/24/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/02/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/03/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/27/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
02/08/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
05/05/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5



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Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC <sup>a</sup> (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
<b>TRIP BLANK (cont)</b>											
07/28/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
02/09/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
05/11/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
<b>QA</b>											
11/21/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/05/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/05/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
10/04/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/03/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/02/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/01/03 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/03 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/11/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/10/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/10/05 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/12/05 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/11/05 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/20/06 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06 <sup>7</sup>	--	--	--	--	--	<50	<0.5	0.5 <sup>9</sup>	<0.5	<0.5	<0.5
08/14/06 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/06 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/07/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/03/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/12/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
QA (cont)											
11/02/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/07/07 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/01/08 <sup>7</sup>	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to May 5, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing	TPH-G = Total Petroleum Hydrocarbons as Gasoline	MTBE = Methyl tertiary butyl ether
(ft.) = Feet	B = Benzene	(ppb) = Parts per billion
GWE = Groundwater Elevation	T = Toluene	NP = No Purge
(msl) = Mean sea level	E = Ethylbenzene	-- = Not Measured/Not Analyzed
DTW = Depth to Water	X = Xylenes	QA = Quality Assurance/Trip Blank
SPHT = Separate Phase Hydrocarbon Thickness		
SPH = Separate Phase Hydrocarbons		

\* TOC elevations were re-surveyed on May 31, 2005, by Morrow Surveying Land Surveyors using the previous benchmark. TOC elevations were surveyed in April 2002, by Morrow Surveying. Elevations are based on City of Oakland Benchmark designated 3787 in field book 1595, page 50; cut square northerly curb on Krause Ave., approx. 37 feet westerly of PL westerly of 73rd Ave., (Elevation = 33.82 feet).

\*\* GWE corrected for the presence of free product; correction factor:  $[(TOC - DTW) + (SPHT \times 0.8)]$ .

- 1 Confirmation run.
- 2 Laboratory report indicates gasoline C6-C12.
- 3 Laboratory report indicates weathered gasoline C6-C12.
- 4 Product and water removed.
- 5 MTBE by EPA Method 8260.
- 6 Well development performed.
- 7 BTEX and MTBE by EPA Method 8260.
- 8 Unable to purge well due to insufficient water.
- 9 Laboratory report indicates the trip blank results were investigated and the source of contamination did not occur during analysis.
- 10 Product removed; no water removed.
- 11 No purge, grab sample.

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-1	08/01/03	<2,000	--	45	--	--	--
	11/21/03	<1,000	--	<10	--	--	--
	02/10/04	<250	--	20	--	--	--
	05/11/04	<500	--	61	--	--	--
	08/10/04	<2,500	--	<25	--	--	--
	11/08/04	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	02/21/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	05/10/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	08/12/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	11/11/05	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	02/20/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	05/12/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	08/14/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	11/08/06	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	02/07/07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	05/07/07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	08/03/07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	10/12/07	NOT SAMPLED DUE TO THE PRESENCE OF SPH			--	--	--
	11/02/07	<1,000	--	<10	--	--	--
	12/07/07	<1,000	--	10	--	--	--
<b>02/01/08</b>	<b>&lt;250</b>	--	<b>11</b>	--	--	--	
MW-2	08/01/03	<100	--	140	--	--	--
	11/21/03	<100	--	100	--	--	--
	02/10/04	<100	--	72	--	--	--
	05/11/04	<50	--	81	--	--	--
	08/10/04	<100	--	35	--	--	--
	11/08/04	<50	--	25	--	--	--
	02/21/05	<100	--	10	--	--	--
	05/10/05	<100	--	6	--	--	--
	08/12/05	<50	--	30	--	--	--
	11/11/05	<50	--	7	--	--	--
	02/20/06	<50	--	0.7	--	--	--
	05/12/06	<50	--	1	--	--	--
	08/14/06	<50	--	20	--	--	--
	11/08/06	<50	--	7	--	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-2 (cont)	02/07/07	<50	--	7	--	--	--
	05/07/07	<50	--	5	--	--	--
	08/03/07	<50	--	2	--	--	--
	10/12/07	<50	--	4	--	--	--
	11/02/07	<50	--	2	--	--	--
	12/07/07	<130	--	2	--	--	--
	<b>02/01/08</b>	<b>&lt;50</b>	--	<b>4</b>	--	--	--
MW-3	08/01/03	<130	--	780	--	--	--
	11/21/03	<50	--	700	--	--	--
	02/10/04	<50	--	650	--	--	--
	05/11/04	<50	--	530	--	--	--
	08/10/04	<100	--	500	--	--	--
	11/08/04	<50	--	760	--	--	--
	02/21/05	<50	--	200	--	--	--
	05/10/05	<50	--	250	--	--	--
	08/12/05	<50	--	370	--	--	--
	11/11/05	<50	--	440	--	--	--
	02/20/06	<50	--	290	--	--	--
	05/12/06	<50	--	91	--	--	--
	08/14/06	<50	--	21	--	--	--
	11/08/06	<50	--	100	--	--	--
	02/07/07	<50	--	170	--	--	--
	05/07/07	<50	--	17	--	--	--
	08/03/07	<50	--	77	--	--	--
	10/12/07	<50	--	170	--	--	--
11/02/07	<50	--	140	--	--	--	
12/07/07	<50	--	160	--	--	--	
<b>02/01/08</b>	<b>&lt;50</b>	--	<b>180</b>	--	--	--	
MW-4	08/01/03	<50	--	<0.5	--	--	--
	11/21/03	<50	--	<0.5	--	--	--
	02/10/04	<50	--	1	--	--	--
	05/11/04	<50	--	<0.5	--	--	--
	08/10/04	<50	--	<0.5	--	--	--

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-4 (cont)	11/08/04	<50	--	<0.5	--	--	--
	02/21/05	<50	--	<0.5	--	--	--
	05/10/05	<50	--	1	--	--	--
	08/12/05	<50	--	<0.5	--	--	--
	11/11/05	<50	--	<0.5	--	--	--
	02/20/06	<50	--	1	--	--	--
	05/12/06	<50	--	0.8	--	--	--
	08/14/06	<50	--	<0.5	--	--	--
	11/08/06	<50	--	<0.5	--	--	--
	02/07/07	<50	--	<0.5	--	--	--
	05/07/07	<50	--	<0.5	--	--	--
	08/03/07	<50	--	<0.5	--	--	--
	10/12/07	<50	--	<0.5	--	--	--
	11/02/07	<50	--	<0.5	--	--	--
	12/07/07	<50	--	<0.5	--	--	--
<b>02/01/08</b>	<b>&lt;50</b>	--	<b>&lt;0.5</b>	--	--	--	
MW-5	08/01/03	<50	--	<0.5	--	--	--
	11/21/03	<50	--	<0.5	--	--	--
	02/10/04	<50	--	<0.5	--	--	--
	05/11/04	<50	--	<0.5	--	--	--
	08/10/04	<50	--	<0.5	--	--	--
	11/08/04	<50	--	<0.5	--	--	--
	02/21/05	INACCESSIBLE - VEHICLE PARKED OVER WELL		--	--	--	--
	05/10/05	<50	--	1	--	--	--
	08/12/05	<50	--	<0.5	--	--	--
	11/11/05	<50	--	0.8	--	--	--
	02/20/06	<50	--	<0.5	--	--	--
	05/12/06	<50	--	0.9	--	--	--
	08/14/06	<50	--	0.9	--	--	--
	11/08/06	<50	--	1	--	--	--
	02/07/07	<50	--	0.6	--	--	--
	05/07/07	<50	--	<0.5	--	--	--
	08/03/07	<50	--	0.6	--	--	--
10/12/07	<50	--	0.8	--	--	--	

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-5 (cont)	11/02/07	<50	--	<0.5	--	--	--
	12/07/07	<50	--	<0.5	--	--	--
	<b>02/01/08</b>	<b>&lt;50</b>	--	<b>&lt;0.5</b>	--	--	--
MW-6	08/01/03	<100	--	540	--	--	--
	11/21/03	<50	--	540	--	--	--
	02/10/04	<50	--	150	--	--	--
	05/11/04	<50	--	120	--	--	--
	08/10/04	<50	--	140	--	--	--
	11/08/04	<50	--	81	--	--	--
	02/21/05	<50	--	60	--	--	--
	05/10/05	<50	--	<0.5	--	--	--
	08/12/05	<50	--	82	--	--	--
	11/11/05	<50	--	350	--	--	--
	02/20/06	<50	--	130	--	--	--
	05/12/06	<50	--	84	--	--	--
	08/14/06	<50	--	75	--	--	--
	11/08/06	<50	--	27	--	--	--
	02/07/07	<50	--	54	--	--	--
	05/07/07	<50	--	31	--	--	--
	08/03/07	<100	--	80	--	--	--
	10/12/07	<50	--	79	--	--	--
	11/02/07	<50	--	70	--	--	--
12/07/07	<50	--	60	--	--	--	
<b>02/01/08</b>	<b>&lt;50</b>	--	<b>24</b>	--	--	--	
MW-7	02/21/05	<100	130	53	<1	<1	<1
	05/10/05	<50	140	77	<0.5	<0.5	<0.5
	08/12/05	<500	280	80	<5	<5	<5
	11/11/05	<1,000	340	100	<10	<10	<10
	02/20/06	<500	200	62	<5	<5	<5
	05/12/06	<500	200	73	<5	<5	<5
	08/14/06	<1,000	280	74	<10	<10	<10
	11/08/06	<1,000	330	89	<10	<10	<10
02/07/07	<500	280	80	<5	<5	<5	

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

<b>WELL ID</b>	<b>DATE</b>	<b>ETHANOL</b> <i>(ppb)</i>	<b>TBA</b> <i>(ppb)</i>	<b>MTBE</b> <i>(ppb)</i>	<b>DIPE</b> <i>(ppb)</i>	<b>ETBE</b> <i>(ppb)</i>	<b>TAME</b> <i>(ppb)</i>
MW-7 (cont)	05/07/07	<1,000	240	72	<10	<10	<10
	08/03/07	<2,500	300	84	<25	<25	<25
	10/12/07	<1,000	290	58	<10	<10	<10
	11/02/07	<500	280	59	<5	<5	<5
	<b>02/01/08</b>	<b>UNABLE TO SAMPLE</b>		--	--	--	--
MW-8	04/01/02	--	<100	<2	<2	<2	<2
	08/05/02	--	<100	<2	<2	<2	<2
	11/04/02	--	<100	<2	<2	<2	<2
	02/03/03	--	<5	0.6	<0.5	<0.5	<0.5
	05/02/03	--	<5	<0.5	<0.5	<0.5	<0.5
	08/01/03	<50	<5	0.8	<0.5	<0.5	<0.5
	11/21/03	<50	<5	0.7	<0.5	<0.5	<0.5
	02/10/04	<50	<5	0.8	<0.5	<0.5	<0.5
	05/11/04	<50	<5	1	<0.5	<0.5	<0.5
	08/10/04	<50	<5	0.8	<0.5	<0.5	<0.5
	11/08/04	<50	7	1	<0.5	<0.5	<0.5
	02/21/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	05/10/05	<50	<5	1	<0.5	<0.5	<0.5
	08/12/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	11/11/05	<50	6	2	<0.5	<0.5	<0.5
	02/20/06	<50	<5	0.6	<0.5	<0.5	<0.5
	05/12/06	<50	6	2	<0.5	<0.5	<0.5
	08/14/06	<50	7	2	<0.5	<0.5	<0.5
	11/08/06	<50	13	3	<0.5	<0.5	<0.5
	02/07/07	<50	7	2	<0.5	<0.5	<0.5
	05/07/07	<50	6	2	<0.5	<0.5	<0.5
	08/03/07	<50	8	2	<0.5	<0.5	<0.5
	10/12/07	<50	20	5	<0.5	<0.5	<0.5
11/02/07	<50	5	2	<0.5	<0.5	<0.5	
12/07/07	<50	5	2	<0.5	<0.5	<0.5	
<b>02/01/08</b>	<b>&lt;50</b>	<b>&lt;2</b>	<b>0.8</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	
MW-9	04/01/02	--	<100	19	<2	<2	<2
	08/05/02	--	<100	15	<2	<2	<2



**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-9 (cont)	11/04/02	--	<100	21	<2	<2	<2
	02/03/03	--	<5	16	<0.5	<0.5	0.8
	05/02/03	--	<5	18	<0.5	<0.5	0.8
	08/01/03	<50	7	22	0.9	<0.5	1
	11/21/03	<50	<5	18	0.8	<0.5	1
	02/10/04	<50	9	31	0.6	<0.5	2
	05/11/04	<50	16	72	<0.5	<0.5	4
	08/10/04	<50	<5	66	0.9	<0.5	3
	11/08/04	INACCESSIBLE	--	--	--	--	--
	02/21/05	<50	17	79	0.5	<0.5	4
	05/10/05	<50	20	100	<0.5	<0.5	4
	08/12/05	<50	18	89	<0.5	<0.5	4
	11/11/05	<50	25	140	<0.5	<0.5	6
	02/20/06	<50	22	130	<0.5	<0.5	5
	05/12/06	<50	14	89	<0.5	<0.5	4
	08/14/06	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--
	11/08/06	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--
	02/07/07	<50	14	78	<0.5	<0.5	3
	05/07/07	<50	13	67	<0.5	<0.5	3
	08/03/07	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--
	10/12/07	<50	4	30	<0.5	<0.5	1
	11/02/07	<50	8	57	<0.5	<0.5	2
	12/07/07	<50	9	59	<0.5	<0.5	2
<b>02/01/08</b>	<b>&lt;50</b>	<b>11</b>	<b>50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>2</b>	
MW-10	04/01/02	--	<100	5	<2	<2	<2
	08/05/02	--	<100	5	<2	<2	<2
	11/04/02	--	<100	5	<2	<2	<2
	02/03/03	--	<5	3	<0.5	<0.5	<0.5
	05/02/03	--	<5	<0.5	<0.5	<0.5	<0.5
	08/01/03	<50	<5	2	<0.5	<0.5	<0.5
	11/21/03	<50	<5	1	<0.5	<0.5	<0.5
	02/10/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	05/11/04	<50	<5	1	<0.5	<0.5	<0.5
	08/10/04	<50	<5	3	<0.5	<0.5	<0.5
	11/08/04	<50	<5	<0.5	<0.5	<0.5	<0.5

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-10 (cont)	02/21/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	05/10/05	<50	<5	1	<0.5	<0.5	<0.5
	08/12/05	<50	<5	1	<0.5	<0.5	<0.5
	11/11/05	<50	<5	5	<0.5	<0.5	<0.5
	02/20/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	05/12/06	<50	<5	0.6	<0.5	<0.5	<0.5
	08/14/06	<50	<5	2	<0.5	<0.5	<0.5
	11/08/06	INACCESSIBLE - VEHICLE PARKED OVER WELL			--	--	--
	02/07/07	<50	<2	2	<0.5	<0.5	<0.5
	05/07/07	<50	<2	0.9	<0.5	<0.5	<0.5
	08/03/07	<50	<2	3	<0.5	<0.5	<0.5
	10/12/07	<50	<2	5	<0.5	<0.5	<0.5
	11/02/07	<50	<2	4	<0.5	<0.5	<0.5
	12/07/07	<50	<2	3	<0.5	<0.5	<0.5
	<b>02/01/08</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>

**Table 2**  
**Groundwater Analytical Results - Oxygenate Compounds**  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

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**EXPLANATIONS:**

TBA = Tertiary butyl alcohol  
MTBE = Methyl tertiary butyl ether  
DIPE = Di-isopropyl ether  
ETBE = Ethyl tertiary butyl ether  
TAME = Tertiary amyl methyl ether  
(ppb) = Parts per billion  
-- = Not Analyzed

**ANALYTICAL METHOD:**

EPA Method 8260 for Oxygenate Compounds

## 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 Hill, California.



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322  
 Site Address: 7225 Bancroft Avenue  
 City: Oakland, CA

Job Number: 386433  
 Event Date: 2/1/08 (inclusive)  
 Sampler: JD, AW

Well ID: MW-1  
 Well Diameter: 3/4" @ in.  
 Total Depth: 34.02 ft.  
 Depth to Water: 13.45 ft.

Date Monitored: 2/1/08 Well Condition: WCS

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

20.57 xVF .17 = 3.49 x: x3 case volume= Estimated Purge Volume: 10.19 gal.  
 Check if water column is less than 0.50 ft.

**Purge Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 Other: \_\_\_\_\_

Time Started: \_\_\_\_\_ (2400 hrs)  
 Time Completed: \_\_\_\_\_ (2400 hrs)  
 Depth to Product: \_\_\_\_\_ ft  
 Depth to Water: \_\_\_\_\_ ft  
 Hydrocarbon Thickness: 0 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): 1115 Weather Conditions: clear  
 Sample Time/Date: 1140 2/1/08 Water Color: cloudy  
 Purging Flow Rate: 1 gpm. Sediment Description: 1.5 ft Odor: Yes  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>1118</u>	<u>3.5</u>	<u>6.89</u>	<u>682</u>	<u>15.2</u>	_____	_____
<u>1121</u>	<u>7.0</u>	<u>6.80</u>	<u>719</u>	<u>14.9</u>	_____	_____
<u>1124</u>	<u>10.5</u>	<u>6.74</u>	<u>736</u>	<u>14.8</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x v o a vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x v o a vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)

COMMENTS: \_\_\_\_\_  
 Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 2/1/08 (inclusive)  
 City: Oakland, CA Sampler: 3L, AW

Well ID: MW-2 Date Monitored: 2/1/08 Well Condition: WCSS  
 Well Diameter: 3/4 (2) in.  
 Total Depth: 29.97 ft.  
 Depth to Water: 16.71 ft. 8.76  
21.21 x VF .17 = 3.60 x3 case volume = Estimated Purge Volume: 10.81 gal.

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

Check if water column is less than 0.50 ft.

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump ✓  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 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): 0940 Weather Conditions: Clear  
 Sample Time/Date: 1010 / 2/1/08 Water Color: Clear Odor: Yes  
 Purging Flow Rate: 1 gpm. Sediment Description: NO  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>0944</u>	<u>3.5</u>	<u>7.28</u>	<u>454</u>	<u>15.3</u>		
<u>0950</u>	<u>7.0</u>	<u>7.20</u>	<u>490</u>	<u>15.2</u>		
<u>0955</u>	<u>10.5</u>	<u>6.54</u>	<u>498</u>	<u>15.0</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)

### COMMENTS:

Add/Replaced Lock: \_\_\_\_\_

Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322  
 Site Address: 7225 Bancroft Avenue  
 City: Oakland, CA

Job Number: 386433  
 Event Date: 2/1/08 (inclusive)  
 Sampler: JK, AW

Well ID: MW-3  
 Well Diameter: 3/4 (2) in.  
 Total Depth: 32.81 ft.  
 Depth to Water: 14.59 ft.

Date Monitored: 2/1/08 Well Condition: WCS

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

18.22 xVF .17 = 3.09 x: x3 case volume = Estimated Purge Volume: 9.27 gal.  
 Check if water column is less than 0.50 ft.

**Purge Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 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): 0910 Weather Conditions: clear  
 Sample Time/Date: 0925 / 2/1/08 Water Color: cloudy Odor: Yes  
 Purging Flow Rate: 1 - gpm. Sediment Description: 1.5 ft  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>0913</u>	<u>3</u>	<u>7.21</u>	<u>516</u>	<u>15.1</u>		
<u>0916</u>	<u>6</u>	<u>7.09</u>	<u>583</u>	<u>14.8</u>		
<u>0919</u>	<u>9</u>	<u>7.00</u>	<u>599</u>	<u>14.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)

COMMENTS: \_\_\_\_\_  
 Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322  
 Site Address: 7225 Bancroft Avenue  
 City: Oakland, CA

Job Number: 386433  
 Event Date: 2/1/08 (inclusive)  
 Sampler: SH, AW

Well ID: MW-4  
 Well Diameter: 3/4 (2) in.  
 Total Depth: 30.22 ft.  
 Depth to Water: 13.15 ft.

Date Monitored: 2/1/08 Well Condition: WCS

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

17.07 xVF .17 = 2.90 x3 case volume = Estimated Purge Volume: 8.70 gal.  
 Check if water column is less than 0.50 ft.

**Purge Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump X  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 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): 0630 Weather Conditions: cloudy  
 Sample Time/Date: 0645 / 2/1/08 Water Color: cloudy Odor: no  
 Purging Flow Rate: 1 - gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>0633</u>	<u>3</u>	<u>6.95</u>	<u>510</u>	<u>13.1</u>	_____	_____
<u>0636</u>	<u>6</u>	<u>6.88</u>	<u>536</u>	<u>12.9</u>	_____	_____
<u>0639</u>	<u>9</u>	<u>6.82</u>	<u>541</u>	<u>13.0</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)

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

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





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 2/1/08 (inclusive)  
 City: Oakland, CA Sampler: JA, AW

Well ID: MW-5 Date Monitored: 2/1/08 Well Condition: WCSJ  
 Well Diameter: 3/4" (2) in.  
 Total Depth: 31.46 ft.  
 Depth to Water: 14.34 ft.  
 Volume Factor (VF) table:  

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

 xVF .17 = 2.90 x: x3 case volume = Estimated Purge Volume: 8.72 gal.

Check if water column is less than 0.50 ft.

### Purge Equipment:

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

### Sampling Equipment:

Disposable Bailer X  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 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): 0805 Weather Conditions: Clear  
 Sample Time/Date: 0820 / 2/1/08 Water Color: Clear Odor: AW  
 Purging Flow Rate: 1 gpm. Sediment Description: WCSJ  
 Did well de-water? NU If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>0808</u>	<u>3</u>	<u>7.10</u>	<u>526</u>	<u>15.8</u>		
<u>0811</u>	<u>6</u>	<u>7.01</u>	<u>532</u>	<u>15.7</u>		
<u>0814</u>	<u>9</u>	<u>6.93</u>	<u>559</u>	<u>15.4</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-5</u>	<u>16</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)

### COMMENTS:

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322  
 Site Address: 7225 Bancroft Avenue  
 City: Oakland, CA

Job Number: 386433  
 Event Date: 2/1/08 (inclusive)  
 Sampler: JH, AW

Well ID: MW-6  
 Well Diameter: 3/4" @ in.  
 Total Depth: 31.56 ft.  
 Depth to Water: 14.03 ft.

Date Monitored: 2/1/08 Well Condition: WCSJ

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

17.53 x VF .17 = 2.98 x: x3 case volume = Estimated Purge Volume: 8.94 gal.

Check if water column is less than 0.50 ft.

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump ✓  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 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): 0830 Weather Conditions: clear  
 Sample Time/Date: 0855 / 2/1/08 Water Color: clear  
 Purging Flow Rate: 1 gpm. Sediment Description: 1.5/08  
 Did well de-water? NO If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0833</u>	<u>3</u>	<u>7.21</u>	<u>721</u>	<u>15.2</u>		
<u>0837</u>	<u>6</u>	<u>7.08</u>	<u>748</u>	<u>15.1</u>		
<u>0841</u>	<u>9</u>	<u>7.04</u>	<u>790</u>	<u>14.8</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)/ETHANOL (8260)</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: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 2/1/08 (inclusive)  
 City: Oakland, CA Sampler: JH, AW

Well ID: MW-7 Date Monitored: 2/1/08 Well Condition: WCS  
 Well Diameter: 3/4 / 2 in.  
 Total Depth: 24.73 ft. 24.73  
 Depth to Water: 12.78 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

     xVF      =      x: x3 case volume= Estimated Purge Volume:      gal.  
 Check if water column is less than 0.50 ft.

### Purge Equipment:

Disposable Bailer x P.O.  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer x P.V.  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 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: 2/1/08 Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: 1.2 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

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

### LABORATORY INFORMATION

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

COMMENTS: Unable to sample - Bailer sticking to side of well

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 2/1/08 (inclusive)  
 City: Oakland, CA Sampler: JD Aw

Well ID: MW-8 Date Monitored: 2/1/08 Well Condition: WCSJ

Well Diameter: 3/4 (2) in.  
 Total Depth: 29.97 ft.  
 Depth to Water: 14.18 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 = 2.68 x3 case volume = Estimated Purge Volume: 8.05 gal.

Check if water column is less than 0.50 ft.

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump ✓  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 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): 1030 Weather Conditions: Clear  
 Sample Time/Date: 1055 12/1/08 Water Color: Clear Odor: NO  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? no If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
1033	2.5	7.18	395	14.1		
1036	5.0	7.05	436	14.8		
1039	8.0	6.92	482	14.5		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)

COMMENTS: \_\_\_\_\_  
 Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322  
 Site Address: 7225 Bancroft Avenue  
 City: Oakland, CA

Job Number: 386433  
 Event Date: 2/1/08 (inclusive)  
 Sampler: SA, AW

Well ID: MW-9  
 Well Diameter: 3/4 (2) in.  
 Total Depth: 30.00 ft.  
 Depth to Water: 12.23 ft.

Date Monitored: 2/1/08 Well Condition: WCS

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

$17.77 \times VF .17 = 3.02$  x3 case volume= Estimated Purge Volume: 9.06 gal.  
 Check if water column is less than 0.50 ft.

**Purge Equipment:**  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump ✓  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

**Sampling Equipment:**  
 Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 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): 0730 Weather Conditions: clear  
 Sample Time/Date: 0750 2/1/08 Water Color: cloudy Odor: no  
 Purging Flow Rate: 1 gpm. Sediment Description: 1/2 in  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>0733</u>	<u>3</u>	<u>7.02</u>	<u>776</u>	<u>14.8</u>		
<u>0736</u>	<u>6</u>	<u>6.95</u>	<u>783</u>	<u>14.9</u>		
<u>0739</u>	<u>9</u>	<u>6.80</u>	<u>805</u>	<u>15.1</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)</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: \_\_\_\_\_ Size: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3322  
 Site Address: 7225 Bancroft Avenue  
 City: Oakland, CA

Job Number: 386433  
 Event Date: 2/1/08 (inclusive)  
 Sampler: SH, SW

Well ID: MW-10  
 Well Diameter: 3 1/4 (2) in.  
 Total Depth: 13.55 ft 29.97  
 Depth to Water: 73.35 ft

Date Monitored: 2/1/08 Well Condition: WCS3

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

16.62 xVF .17 = 2.82 x: x3 case volume= Estimated Purge Volume: 8.47 gal.

Check if water column is less than 0.50 ft.

### Purge Equipment:

Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump ✓  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

### Sampling Equipment:

Disposable Bailer ✓  
 Pressure Bailer \_\_\_\_\_  
 Discrete Bailer \_\_\_\_\_  
 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): 0700 Weather Conditions: cloudy  
 Sample Time/Date: 0726 12/1/08 Water Color: cloudy Odor: NA  
 Purging Flow Rate: 1 gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>0703</u>	<u>3</u>	<u>6.88</u>	<u>538</u>	<u>15.1</u>	_____	_____
<u>0706</u>	<u>6</u>	<u>6.82</u>	<u>620</u>	<u>14.9</u>	_____	_____
<u>0709</u>	<u>9</u>	<u>6.76</u>	<u>641</u>	<u>14.8</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</u>	<u>3</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)</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: \_\_\_\_\_ Size: \_\_\_\_\_

# Chevron California Region Analysis Request/Chain of Custody



020108 - 11

For Lancaster Laboratories use only  
 Acct. #: 10904 Sample # 5270372-81 Group #: 000742

*C# 1075769*

Facility #: <u>SS#9-3322-OML G-R#386433 Global ID#T0600102079</u> Site Address: <u>7225 BANCROFT AVENUE, OAKLAND, CA</u> OS <u>CRACE</u> Chevron PM: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</u> Lead Consultant Consultant/Office: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Prj. Mgr.: Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>Jim Herr</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 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="10">Preservation Codes</th> </tr> <tr> <td>H</td><td>H</td><td></td><td>H</td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>BTEX + MTBE 8260</td><td>8021</td><td></td><td>TPH 8015 MOD GRO</td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>TPH 8015 MOD DRO</td><td></td><td></td><td>Silica Gel Cleanup</td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>8260 full scan</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>5 Oxygenates (8260)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Total Lead Method</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Dissolved Lead Method</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Ethanol (8260)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>										Preservation Codes										H	H		H							BTEX + MTBE 8260	8021		TPH 8015 MOD GRO							TPH 8015 MOD DRO			Silica Gel Cleanup							8260 full scan										5 Oxygenates (8260)										Total Lead Method										Dissolved Lead Method										Ethanol (8260)										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	
Preservation Codes																																																																																																										
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Sample Identification			Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	5 Oxygenates (8260)	Total Lead Method	Dissolved Lead Method	Ethanol (8260)																																																																																					
<i>QA</i>	<i>2/1/08</i>																																																																																																									
<i>MW-1</i>		<i>1140</i>																																																																																																								
<i>MW-2</i>		<i>1810</i>																																																																																																								
<i>MW-3</i>		<i>0925</i>																																																																																																								
<i>MW-4</i>		<i>0645</i>																																																																																																								
<i>MW-5</i>		<i>0820</i>																																																																																																								
<i>MW-6</i>		<i>0850</i>																																																																																																								
<i>MW-8</i>		<i>1055</i>																																																																																																								
<i>MW-9</i>		<i>0750</i>																																																																																																								
<i>MW-10</i>		<i>0720</i>																																																																																																								
Turnaround Time Requested (TAT) (please circle)			Relinquished by: <i>[Signature]</i>		Date	Time	Received by: <i>[Signature]</i>		Date	Time																																																																																																
<u>STD. TAT</u>	72 hour	48 hour	Relinquished by: <i>[Signature]</i>		<i>2-1-08</i>	<i>1600</i>	Received by: <i>[Signature]</i>		<i>2-1-08</i>	<i>1600</i>																																																																																																
24 hour	4 day	5 day	Relinquished by: <i>[Signature]</i>		<i>2-1-08</i>		Received by: <i>[Signature]</i>		<i>2-1-08</i>																																																																																																	
Data Package Options (please circle if required)			Relinquished by Commercial Carrier:		Date	Time	Received by:		Date	Time																																																																																																
QC Summary	Type I - Full	<b>EDF/EDD</b>	UPS      FedEx      Other <u>DHL</u>		<i>2-1-08</i>		Received by: <i>[Signature]</i>		<i>2-3-08</i>	<i>1000</i>																																																																																																
Type VI (Raw Data)	<input type="checkbox"/> Coelt Deliverable not needed		Temperature Upon Receipt <u>8 - 3.2</u> °C				Custody Seals Intact? <u>Yes</u> No																																																																																																			
WIP (RWQCB)																																																																																																										
Disk																																																																																																										



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# Analysis Report

RECEIVED

FEB 11 2008

GETTLER-RYAN INC  
GENERAL CONTRACTORS

## ANALYTICAL RESULTS

Prepared for:

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

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

## SAMPLE GROUP

The sample group for this submittal is 1075769. Samples arrived at the laboratory on Saturday, February 02, 2008. The PO# for this group is 0015014975 and the release number is SKANCE.

### Client Description

QA-T-080201 NA Water  
MW-1-W-080201 Grab Water  
MW-2-W-080201 Grab Water  
MW-3-W-080201 Grab Water  
MW-4-W-080201 Grab Water  
MW-5-W-080201 Grab Water  
MW-6-W-080201 Grab Water  
MW-8-W-080201 Grab Water  
MW-9-W-080201 Grab Water  
MW-10-W-080201 Grab Water

### Lancaster Labs Number

5270372  
5270373  
5270374  
5270375  
5270376  
5270377  
5270378  
5270379  
5270380  
5270381

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,

A handwritten signature in cursive script that reads "Susan M. Goshert".

**Susan M. Goshert**  
**Group Leader**



# Analysis Report

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

Lancaster Laboratories Sample No. WW5270372

Group No. 1075769

QA-T-080201 NA Water  
Facility# 93322 Job# 386433 GRD  
7225 Bancroft-Oakland T0600102079 QA  
Collected: 02/01/2008

Account Number: 10904

Submitted: 02/02/2008 10:00  
Reported: 02/14/2008 at 10:56  
Discard: 03/16/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

### BAOQA

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
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	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	02/04/2008	16:41	Patrick N Evans	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	02/05/2008	15:29	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/04/2008	16:41	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/05/2008	15:29	Ginelle L Feister	1

Lancaster Laboratories Sample No. WW5270373

Group No. 1075769

 MW-1-W-080201 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft-Oakland T0600102079 MW-1  
 Collected: 02/01/2008 11:40 by JH

Account Number: 10904

 Submitted: 02/02/2008 10:00  
 Reported: 02/14/2008 at 10:56  
 Discard: 03/16/2008

 Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BAO01

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	61,000.	1,000.	ug/l	20
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	250.	ug/l	5
02010	Methyl Tertiary Butyl Ether	1634-04-4	11.	3.	ug/l	5
05401	Benzene	71-43-2	2,200.	25.	ug/l	50
05407	Toluene	108-88-3	2,000.	25.	ug/l	50
05415	Ethylbenzene	100-41-4	2,000.	25.	ug/l	50
06310	Xylene (Total)	1330-20-7	10,000.	25.	ug/l	50

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	02/05/2008	02:36	Patrick N Evans	20
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	02/08/2008	03:34	Kelly E Brickley	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	02/08/2008	03:57	Kelly E Brickley	50
01146	GC VOA Water Prep	SW-846 5030B	1	02/05/2008	02:36	Patrick N Evans	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/08/2008	03:34	Kelly E Brickley	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	02/08/2008	03:57	Kelly E Brickley	50



# Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW5270374

Group No. 1075769

MW-2-W-080201 Grab Water  
Facility# 93322 Job# 386433 GRD  
7225 Bancroft-Oakland T0600102079 MW-2  
Collected: 02/01/2008 10:10 by JH

Account Number: 10904

Submitted: 02/02/2008 10:00  
Reported: 02/14/2008 at 10:56  
Discard: 03/16/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BAO02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	8,100.	Detection Limit	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	4.	0.5	ug/l	1
05401	Benzene	71-43-2	2.	0.5	ug/l	1
05407	Toluene	108-88-3	0.7	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	190.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	440.	5.	ug/l	10

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	02/05/2008	03:09	Patrick N Evans	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	02/08/2008	04:21	Kelly E Brickley	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	02/08/2008	04:44	Kelly E Brickley	10
01146	GC VOA Water Prep	SW-846 5030B	1	02/05/2008	03:09	Patrick N Evans	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/08/2008	04:21	Kelly E Brickley	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	02/08/2008	04:44	Kelly E Brickley	10



# Analysis Report

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Lancaster Laboratories Sample No. WW5270375

Group No. 1075769

MW-3-W-080201 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft-Oakland T0600102079 MW-3  
 Collected: 02/01/2008 09:25 by JH

Account Number: 10904

Submitted: 02/02/2008 10:00  
 Reported: 02/14/2008 at 10:56  
 Discard: 03/16/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BAO03

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	3,600.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	180.	0.5	ug/l	1
05401	Benzene	71-43-2	570.	5.	ug/l	10
05407	Toluene	108-88-3	45.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	81.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	140.	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	02/05/2008 03:42	Patrick N Evans	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	02/08/2008 05:07	Kelly E Brickley	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	02/08/2008 05:30	Kelly E Brickley	10
01146	GC VOA Water Prep	SW-846 5030B	1	02/05/2008 03:42	Patrick N Evans	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/08/2008 05:07	Kelly E Brickley	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	02/08/2008 05:30	Kelly E Brickley	10



# Analysis Report

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

Lancaster Laboratories Sample No. WW5270376

Group No. 1075769

MW-4-W-080201 Grab Water  
Facility# 93322 Job# 386433 GRD  
7225 Bancroft-Oakland T0600102079 MW-4  
Collected: 02/01/2008 06:45 by JH

Account Number: 10904

Submitted: 02/02/2008 10:00  
Reported: 02/14/2008 at 10:56  
Discard: 03/16/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BAO04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.	50.	ug/l	1
06067	BTEX, MTBE, 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
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	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	02/04/2008	19:26	Patrick N Evans	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	02/08/2008	05:54	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/04/2008	19:26	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/08/2008	05:54	Kelly E Brickley	1



# Analysis Report

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

Lancaster Laboratories Sample No. **WW5270377**

Group No. **1075769**

MW-5-W-080201 Grab Water  
Facility# 93322 Job# 386433 GRD  
7225 Bancroft-Oakland T0600102079 MW-5  
Collected: 02/01/2008 08:20 by JH

Account Number: 10904

Submitted: 02/02/2008 10:00  
Reported: 02/14/2008 at 10:56  
Discard: 03/16/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BAO05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.	50.	ug/l	1
06067	BTEX, MTBE, 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
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	02/04/2008 19:59	Patrick N Evans	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	02/08/2008 06:17	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/04/2008 19:59	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/08/2008 06:17	Kelly E Brickley	1



# Analysis Report

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

Lancaster Laboratories Sample No. WW5270378

Group No. 1075769

MW-6-W-080201 Grab Water  
Facility# 93322 Job# 386433 GRD  
7225 Bancroft-Oakland T0600102079 MW-6  
Collected: 02/01/2008 08:55 by JH

Account Number: 10904

Submitted: 02/02/2008 10:00  
Reported: 02/14/2008 at 10:56  
Discard: 03/16/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BAC06

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	650.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	24.	0.5	ug/l	1
05401	Benzene	71-43-2	89.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	1.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.7	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	02/04/2008	20:32	Patrick N Evans	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	02/11/2008	09:13	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/04/2008	20:32	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/11/2008	09:13	Ginelle L Feister	1





# Analysis Report

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

Lancaster Laboratories Sample No. WW5270379

Group No. 1075769

MW-8-W-080201 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft-Oakland T0600102079 MW-8  
 Collected: 02/01/2008 10:55 by JH

Account Number: 10904

Submitted: 02/02/2008 10:00  
 Reported: 02/14/2008 at 10:56  
 Discard: 03/16/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BAO08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	96.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.8	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	02/04/2008 21:06	Patrick N Evans	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	02/06/2008 21:31	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/04/2008 21:06	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/06/2008 21:31	Michael A Ziegler	1



# Analysis Report

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

Lancaster Laboratories Sample No. WW5270380

Group No. 1075769

MW-9-W-080201 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft-Oakland T0600102079 MW-9  
 Collected: 02/01/2008 07:50 by JH

Account Number: 10904

Submitted: 02/02/2008 10:00  
 Reported: 02/14/2008 at 10:56  
 Discard: 03/16/2008

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BAO09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	61.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	50.	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	2.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	11.	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	02/04/2008 22:45	Patrick N Evans	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	02/06/2008 21:55	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/04/2008 22:45	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/06/2008 21:55	Michael A Ziegler	1



# Analysis Report

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

Lancaster Laboratories Sample No. **WW5270381**

Group No. **1075769**

MW-10-W-080201 Grab Water  
Facility# 93322 Job# 386433 GRD  
7225 Bancroft-Oakland T0600102079 MW-10  
Collected: 02/01/2008 07:20 by JH

Account Number: 10904

Submitted: 02/02/2008 10:00  
Reported: 02/14/2008 at 10:57  
Discard: 03/16/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

BAO10

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
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
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	02/04/2008 23:18	Patrick N Evans	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	02/06/2008 22:17	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	02/04/2008 23:18	Patrick N Evans	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/06/2008 22:17	Michael A Ziegler	1

## Quality Control Summary

 Client Name: Chevron  
 Reported: 02/14/08 at 10:57 AM

Group Number: 1075769

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: 08035B51A TPH-GRO - Waters	Sample number(s): 5270372-5270381		N.D.	50.	ug/l	113	115	75-135	1	30
Batch number: D080373AA Ethanol	Sample number(s): 5270379-5270381		N.D.	50.	ug/l	114		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95		73-119				
di-Isopropyl ether	N.D.	0.5	ug/l	105		70-123				
Ethyl t-butyl ether	N.D.	0.5	ug/l	101		74-120				
t-Amyl methyl ether	N.D.	0.5	ug/l	100		79-113				
t-Butyl alcohol	N.D.	2.	ug/l	98		74-117				
Benzene	N.D.	0.5	ug/l	101		78-119				
Toluene	N.D.	0.5	ug/l	101		85-115				
Ethylbenzene	N.D.	0.5	ug/l	102		82-119				
Xylene (Total)	N.D.	0.5	ug/l	102		83-113				
Batch number: D080383AA Ethanol	Sample number(s): 5270373-5270377		N.D.	50.	ug/l	112		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	97		73-119				
Benzene	N.D.	0.5	ug/l	102		78-119				
Toluene	N.D.	0.5	ug/l	101		85-115				
Ethylbenzene	N.D.	0.5	ug/l	98		82-119				
Xylene (Total)	N.D.	0.5	ug/l	100		83-113				
Batch number: D080422AA Ethanol	Sample number(s): 5270378		N.D.	50.	ug/l	96		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	106		73-119				
Benzene	N.D.	0.5	ug/l	105		78-119				
Toluene	N.D.	0.5	ug/l	107		85-115				
Ethylbenzene	N.D.	0.5	ug/l	108		82-119				
Xylene (Total)	N.D.	0.5	ug/l	107		83-113				
Batch number: Z080362AA Methyl Tertiary Butyl Ether	Sample number(s): 5270372		N.D.	0.5	ug/l	81		73-119		
Benzene	N.D.	0.5	ug/l	90		78-119				
Toluene	N.D.	0.5	ug/l	104		85-115				
Ethylbenzene	N.D.	0.5	ug/l	96		82-119				
Xylene (Total)	N.D.	0.5	ug/l	101		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

<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>
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\*- 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

Group Number: 1075769

 Client Name: Chevron  
 Reported: 02/14/08 at 10:57 AM

### 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	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 08035B51A TPH-GRO - Waters	Sample number(s): 5270372-5270381 UNSPK: P270368								
	121		63-154						
Batch number: D080373AA	Sample number(s): 5270379-5270381 UNSPK: 5270381								
Ethanol	116	115	32-164	0	30				
Methyl Tertiary Butyl Ether	96	99	69-127	2	30				
di-Isopropyl ether	108	109	68-129	1	30				
Ethyl t-butyl ether	103	103	78-119	1	30				
t-Amyl methyl ether	99	101	72-125	2	30				
t-Butyl alcohol	93	99	70-121	7	30				
Benzene	106	106	83-128	0	30				
Toluene	106	107	83-127	1	30				
Ethylbenzene	103	105	82-129	2	30				
Xylene (Total)	106	110	82-130	4	30				
Batch number: D080383AA	Sample number(s): 5270373-5270377 UNSPK: P270583								
Ethanol	130	117	32-164	10	30				
Methyl Tertiary Butyl Ether	101	95	69-127	7	30				
Benzene	113	105	83-128	7	30				
Toluene	113	107	83-127	5	30				
Ethylbenzene	109	104	82-129	5	30				
Xylene (Total)	111	105	82-130	5	30				
Batch number: D080422AA	Sample number(s): 5270378 UNSPK: P272257								
Ethanol	107	98	32-164	9	30				
Methyl Tertiary Butyl Ether	111	107	69-127	3	30				
Benzene	114	113	83-128	1	30				
Toluene	116	113	83-127	2	30				
Ethylbenzene	114	110	82-129	3	30				
Xylene (Total)	115	112	82-130	3	30				
Batch number: Z080362AA	Sample number(s): 5270372 UNSPK: P268636								
Methyl Tertiary Butyl Ether	87	97	69-127	6	30				
Benzene	98	98	83-128	0	30				
Toluene	111	113	83-127	1	30				
Ethylbenzene	103	105	82-129	1	30				
Xylene (Total)	107	109	82-130	2	30				

### Surrogate Quality Control

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

 Analysis Name: TPH-GRO - Waters  
 Batch number: 08035B51A  
 Trifluorotoluene-F

5270372	109
5270373	116
5270374	116

\*- 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: 02/14/08 at 10:57 AM

Group Number: 1075769

### Surrogate Quality Control

 5270375 109  
 5270376 106  
 5270377 108  
 5270378 114  
 5270379 107  
 5270380 111  
 5270381 109  
 Blank 107  
 LCS 106  
 LCSD 106  
 MS 106

Limits: 63-135

Analysis Name: BTEX+5 Oxygenates+ETOH

Batch number: D080373AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5270379	85	87	91	95
5270380	86	91	92	96
5270381	91	96	94	98
Blank	86	91	90	93
LCS	86	92	90	97
MS	91	95	93	101
MSD	89	94	92	102

Limits: 80-116

77-113

80-113

78-113

Analysis Name: BTEX, MTBE, ETOH

Batch number: D080383AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5270373	85	89	94	101
5270374	83	89	93	110
5270375	84	88	93	99
5270376	88	92	93	93
5270377	83	88	90	91
Blank	88	93	91	94
LCS	87	93	91	97
MS	89	92	92	98
MSD	84	89	89	94

Limits: 80-116

77-113

80-113

78-113

Analysis Name: BTEX, MTBE, ETOH

Batch number: D080422AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5270378	95	97	96	102
Blank	94	98	95	95
LCS	93	95	95	100
MS	93	95	95	100
MSD	92	97	93	99

Limits: 80-116

77-113

80-113

78-113

Analysis Name: BTEX+MTBE by 8260B

Batch number: Z080362AA

\*- 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: 02/14/08 at 10:57 AM

Group Number: 1075769

### Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5270372	90	99	103	86
Blank	89	96	102	84
LCS	88	95	102	90
MS	91	97	102	89
MSD	92	97	102	89
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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