



# GETTLER-RYAN INC.

## TRANSMITTAL

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2:34 pm, Sep 12, 2007

Alameda County  
Environmental Health

September 12, 2007

G-R #386433

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

CC: Mr. Satya Sinha  
Chevron Environmental  
Management Company  
P.O. Box 6012, Room K2256  
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	September 11, 2007	Groundwater Monitoring and Sampling Report <b>Third Quarter - Event of August 3, 2007</b>

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 Cambria via PDF)**

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **September 26, 2007**, at which time the final report will be distributed to the following:

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

Enclosures

trans/9-3322-SS



**Satya P. Sinha**  
Project Manager  
Retail and Terminal  
Business Unit

**Chevron Environmental  
Management Company**  
6001 Bollinger Canyon Road,  
Room K2256  
San Ramon, CA 94583  
Tel (925) 842-9876  
Fax (925) 842-8370  
satyasinha@chevron.com

September 12, 2007

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

RE: Chevron Service Station #9-3322

Address 7225 Bancroft Ave., Oakland, California

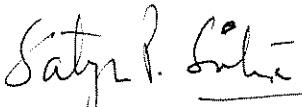
I have reviewed the attached routine groundwater monitoring report dated September 12, 2007.

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

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

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

Sincerely,

  
Satya P. Sinha

Attachment: Report

## WELL CONDITION STATUS SHEET

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

Job # 386433  
 Event Date: 08-03-07  
 Sampler: Kyle & Aaron

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)	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	OK	OK	OK	OK	OK	OK	n	n	Bowt Longyear / 8/3	no
mw-2		OK	OK	OK						" " / 8/3	
mw-3		M	OK	S						" " / 8/3	
mw-4		M	OK	OK						" " / 8/3	
mw-5		OK	OK	OK						MORISSON / 6/2	
mw-6		<del>OK</del> M	M	OK						" " "	
mw-7		OK	OK	OK						" " "	
mw-8		M	OK	OK						PENCO / 12 / 2	
mw-10	↓	OK	OK	OK	↓	↓	↓	↓	↓	MORISSON / 6/2	↓

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



# GETTLER-RYAN INC.

September 11, 2007  
G-R Job #386433

Mr. Satya Sinha  
Chevron Environmental Management Company  
P.O. Box 6012, Room K2256  
San Ramon, CA 94583

**RE: Third Quarter Event of August 3, 2007**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

Dear Mr. Sinha:

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,

Deanna L. Harding  
Project Coordinator

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

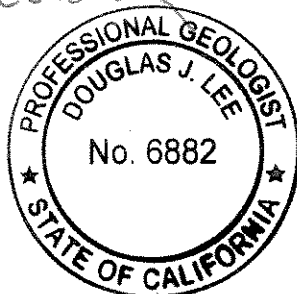
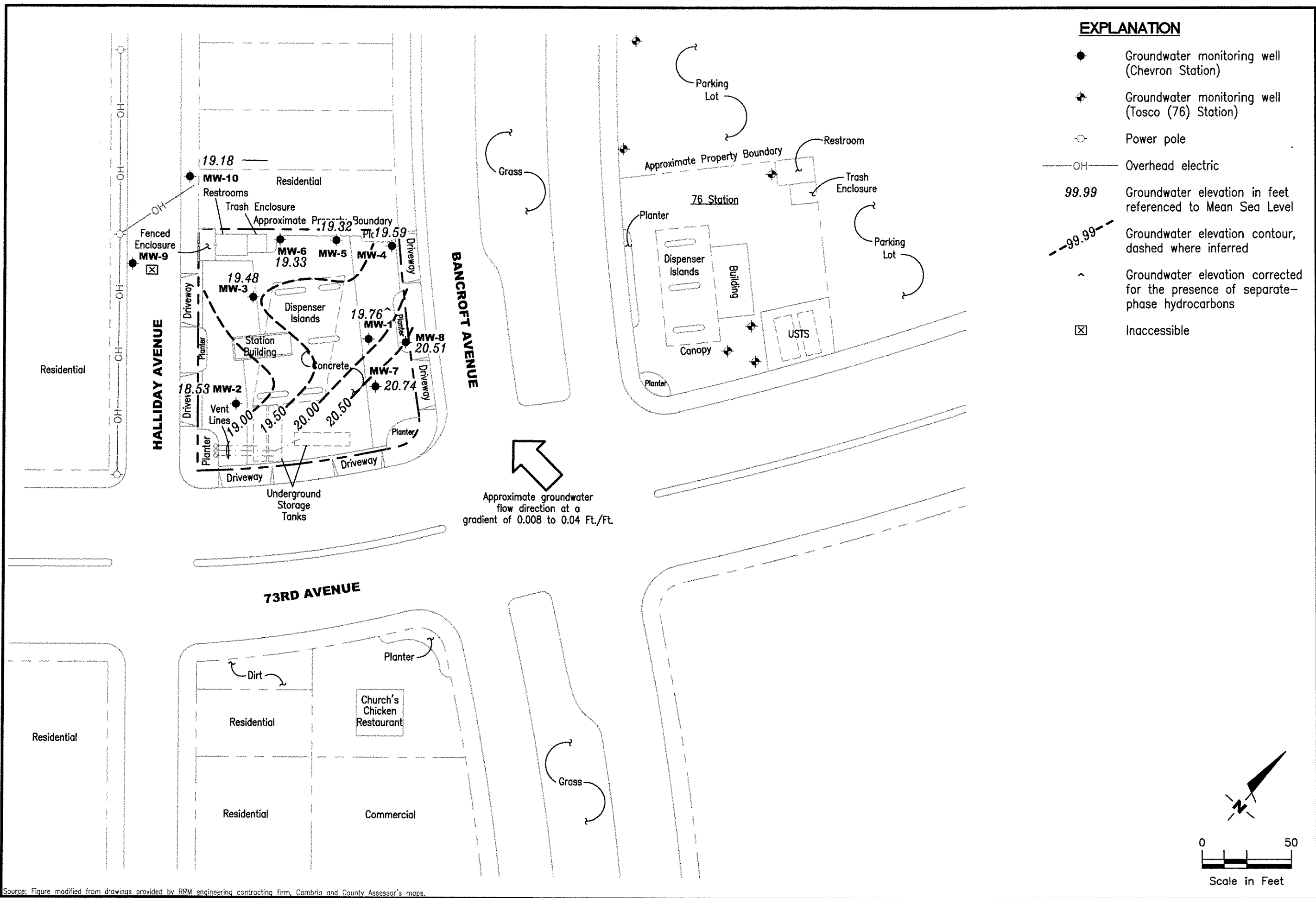


Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Groundwater Analytical Results - Oxygenate Compounds  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports



**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
- ^ Groundwater elevation corrected for the presence of separate-phase hydrocarbons
- ⊠ Inaccessible

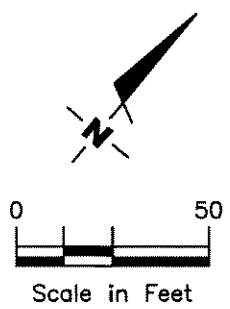


FIGURE **1**

**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

REVIEWED BY \_\_\_\_\_  
 DATE August 3, 2007

PROJECT NUMBER **386433**  
 FILE NAME: P:\Enviro\Chevron\9-3322\007-9-3322.dwg | Layout Tab: Pot3

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

**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		TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)							
<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						MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (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				--	--
<b>08/03/07</b>	<b>37.40</b>	<b>19.76**</b>	<b>18.06</b>	<b>0.52</b>	<b>0.52<sup>4</sup></b>	<b>NOT SAMPLED DUE TO THE PRESENCE OF SPH</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
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

**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>											
05/11/04 <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
<b>08/03/07<sup>7</sup></b>	<b>35.72</b>	<b>18.53</b>	<b>17.19</b>	<b>0.00</b>	<b>0.00</b>	<b>2,600</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>10</b>	<b>28</b>	<b>2</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
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



**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-3 (cont)</b>											
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
<b>08/03/07<sup>7</sup></b>	<b>36.53</b>	<b>19.48</b>	<b>17.05</b>	<b>0.00</b>	<b>0.00</b>	<b>740</b>	<b>44</b>	<b>2</b>	<b>12</b>	<b>9</b>	<b>77</b>
<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

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

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	SPHT (ft.)	SPH						
					REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-4 (cont)</b>											
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
<b>08/03/07<sup>7</sup></b>	<b>37.29</b>	<b>19.59</b>	<b>17.70</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

**Table I**  
**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-5 (cont)</b>											
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
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
<b>08/03/07<sup>7</sup></b>	<b>37.40</b>	<b>19.32</b>	<b>18.08</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>0.6</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

**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-6 (cont)</b>											
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
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
<b>08/03/07<sup>7</sup></b>	<b>36.90</b>	<b>19.33</b>	<b>17.57</b>	<b>0.00</b>	<b>0.00</b>	<b>1,600</b>	<b>410</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>80</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-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
<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

**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-8 (cont)</b>												
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	
<b>08/03/07<sup>7</sup></b>	<b>37.21</b>	<b>20.51</b>	<b>16.70</b>	<b>0.00</b>	<b>0.00</b>	<b>130</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>2</b>	
<b>MW-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	
<b>08/03/07</b>	<b>35.03</b>	<b>INACCESSIBLE - VEHICLE PARKED OVER WELL</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>	

**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-10 (cont)</b>												
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	
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	
<b>08/03/07<sup>7</sup></b>	<b>35.53</b>	<b>19.18</b>	<b>16.35</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>3</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	
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	

**Table 1**  
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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		B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					REMOVED (gallons)	TPH-G (ppb)					
<b>TRIP BLANK (cont)</b>											
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
<b>08/03/07<sup>7</sup></b>	--	--	--	--	--	<b>&lt;50</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>	<b>&lt;0.5</b>



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Chevron Service Station #9-3322  
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 x 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	<b>NOT SAMPLED DUE TO THE PRESENCE OF SPH</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	--	--	--
	02/07/07	<50	--	7	--	--	--
05/07/07	<50	--	5	--	--	--	
08/03/07	<50	--	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-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	--	--	--	
<b>08/03/07</b>	<b>&lt;50</b>	--	<b>77</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	--	--	--
	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	--	--	--	
<b>08/03/07</b>	<b>&lt;50</b>	--	<b>&lt;0.5</b>	--	--	--	

**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	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	--	--	--
<b>08/03/07</b>	<b>&lt;50</b>	--	<b>0.6</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	--	--	--
<b>08/03/07</b>	<b>&lt;100</b>	--	<b>80</b>	--	--	--	

**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-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
	05/07/07	<1,000	240	72	<10	<10	<10
	<b>08/03/07</b>	<b>&lt;2,500</b>	<b>300</b>	<b>84</b>	<b>&lt;25</b>	<b>&lt;25</b>	<b>&lt;25</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	
	<b>08/03/07</b>	<b>&lt;50</b>	<b>8</b>	<b>2</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

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-9	04/01/02	--	<100	19	<2	<2	<2
	08/05/02	--	<100	15	<2	<2	<2
	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			--	--	--	
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
	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

**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)	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
	<b>08/03/07</b>	<b>&lt;50</b>	<b>&lt;2</b>	<b>3</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 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 8/3/07 (inclusive)  
 City: Oakland, CA Sampler: Rylee / Aaron C

Well ID: MW-1 Date Monitored: 8/3/07 Well Condition: see wcss  
 Well Diameter: 3/4" / 2 in.  
 Total Depth: 34.01 ft.  
 Depth to Water: 18.00 ft.  
 \_\_\_\_\_ xVF \_\_\_\_\_ = \_\_\_\_\_ x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

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

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

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

Time Started: 1435 (2400 hrs)  
 Time Completed: 1445 (2400 hrs)  
 Depth to Product: 17.54 ft  
 Depth to Water: 18.06 ft  
 Hydrocarbon Thickness: ~~0.00~~ 0.02  
 Visual Confirmation/Description: Brown / oily  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: 1/2 liter gal  
 Water Removed: 1/2 liter  
 Product Transferred to: G/R yard

Start Time (purge): \_\_\_\_\_ Weather Conditions: \_\_\_\_\_  
 Sample Time/Date: 1 Water Color: \_\_\_\_\_ Odor: \_\_\_\_\_  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

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

### LABORATORY INFORMATION

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

COMMENTS: SPH

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: 8/3/07 (inclusive)  
 City: Oakland, CA Sampler: Hyle E / Arrienc

Well ID: MW-2 Date Monitored: 8/3/07 Well Condition: good  
 Well Diameter: 3/4 (2) in.  
 Total Depth: 30.15 ft.  
 Depth to Water: 17.19 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 1.17 = 2.2 x3 case volume= Estimated Purge Volume: 6.6 gal.

### 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): 1310 Weather Conditions: Sunny  
 Sample Time/Date: 1340 / 8/3/07 Water Color: Cloudy Odor: yes  
 Purging Flow Rate: .5 gpm. Sediment Description: light  
 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>1315</u>	<u>2.</u>	<u>6.88</u>	<u>487</u>	<u>21.7</u>		
<u>1320</u>	<u>4</u>	<u>6.80</u>	<u>499</u>	<u>21.7</u>		
<u>1327</u>	<u>6.5</u>	<u>6.74</u>	<u>511</u>	<u>22.3</u>		

### LABORATORY INFORMATION

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

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

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ 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: 8/3/07 (inclusive)  
 City: Oakland, CA Sampler: Kyle E.

Well ID: MW-3 Date Monitored: 8/3/07 Well Condition: see wcss  
 Well Diameter: 3/4 (2) in.  
 Total Depth: 32.95 ft.  
 Depth to Water: 17.05 ft.  
15.90 xVF 1.7 = 2.7 x3 case volume = Estimated Purge Volume: 8 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

### 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): 1220 Weather Conditions: Sunny  
 Sample Time/Date: 1255 8/3/07 Water Color: Cloudy Odor: yes  
 Purging Flow Rate: .5 gpm. Sediment Description: light  
 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>1227</u>	<u>3</u>	<u>6.62</u>	<u>475</u>	<u>19.4</u>	_____	_____
<u>1235</u>	<u>6</u>	<u>6.55</u>	<u>486</u>	<u>19.7</u>	_____	_____
<u>1242</u>	<u>8</u>	<u>6.50</u>	<u>498</u>	<u>20.1</u>	_____	_____

### LABORATORY INFORMATION

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

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

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ 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: 8/3/07 (inclusive)  
 City: Oakland, CA Sampler: Hyle E. / Aaron C

Well ID: MW-4 Date Monitored: 8/3/07 Well Condition: SEE WCSS  
 Well Diameter: 3/4 (2) in.  
 Total Depth: 30.37 ft.  
 Depth to Water: 17.70 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

 Estimated Purge Volume: 6.4 gal.

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): 1000 Weather Conditions: Sunny  
 Sample Time/Date: 1030 8/3/07 Water Color: Cloudy Odor: no  
 Purging Flow Rate: .5 gpm. Sediment Description: light  
 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>1005</u>	<u>2</u>	<u>7.15</u>	<u>488</u>	<u>18.8</u>		
<u>1010</u>	<u>4</u>	<u>7.02</u>	<u>506</u>	<u>19.3</u>		
<u>1017</u>	<u>6.5</u>	<u>7.02</u>	<u>519</u>	<u>19.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>6</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>1</u> x vov vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)</u>

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

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ 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: 8/3/07 (inclusive)  
 City: Oakland, CA Sampler: R. Lee / Aman

Well ID: MW-5 Date Monitored: 8/3/07 Well Condition: See WCSI  
 Well Diameter: 3/4" / 2 in.  
 Total Depth: 31.35 ft.  
 Depth to Water: 18.08 ft.  
13.27 xVF .17 = 2.2 x3 case volume = Estimated Purge Volume: 6.7 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

### 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): 1045 Weather Conditions: Sunny  
 Sample Time/Date: 1115 8/3/07 Water Color: Cloudy Odor: no  
 Purging Flow Rate: 1.5 gpm. Sediment Description: light  
 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>1050</u>	<u>2.5</u>	<u>7.09</u>	<u>403</u>	<u>18.4</u>		
<u>1055</u>	<u>5</u>	<u>6.98</u>	<u>418</u>	<u>18.6</u>		
<u>1100</u>	<u>7</u>	<u>6.92</u>	<u>426</u>	<u>18.9</u>		

### LABORATORY INFORMATION

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

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

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ 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: 8/3/07 (inclusive)  
 City: Oakland, CA Sampler: W. E. / Aaron C.

Well ID: MW-6 Date Monitored: 8/3/07 Well Condition: see wcss  
 Well Diameter: 3/4 (2) in.  
 Total Depth: 31.54 ft.  
 Depth to Water: 17.57 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

 Purge Volume: 13.97 xVF 17 = 2.3 x3 case volume= Estimated Purge Volume: 7.1 gal.

Purge Equipment:	Sampling Equipment:
Disposable Bailer <input checked="" type="checkbox"/>	Disposable Bailer <input checked="" type="checkbox"/>
Stainless Steel Bailer <input type="checkbox"/>	Pressure Bailer <input type="checkbox"/>
Stack Pump <input type="checkbox"/>	Discrete Bailer <input type="checkbox"/>
Suction Pump <input type="checkbox"/>	Other: <input type="checkbox"/>
Grundfos <input type="checkbox"/>	
Other: <input type="checkbox"/>	

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): 1135 Weather Conditions: Sunny  
 Sample Time/Date: 1205 8/3/07 Water Color: Cloud Odor: yes  
 Purging Flow Rate: 5 gpm. Sediment Description: light  
 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)
<u>1141</u>	<u>2.5</u>	<u>6.79</u>	<u>452</u>	<u>18.9</u>		
<u>1146</u>	<u>5</u>	<u>6.70</u>	<u>469</u>	<u>19.4</u>		
<u>1151</u>	<u>7</u>	<u>6.63</u>	<u>478</u>	<u>19.8</u>		

### LABORATORY INFORMATION

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

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

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ 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: 8/3/07 (inclusive)  
 City: Oakland, CA Sampler: Kyle E.

Well ID: MW-7 Date Monitored: 8/3/07 Well Condition: see well log  
 Well Diameter: 3 1/2 in.  
 Total Depth: 24.68 ft.  
 Depth to Water: 16.10 ft.  
8.58 xVF 0.02 = .17 x3 case volume = Estimated Purge Volume: \_\_\_\_\_ gal.

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

**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): 0945 Weather Conditions: Sunny  
 Sample Time/Date: 1 Water Color: Cloudy Odor: yes  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: light  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

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

### LABORATORY INFORMATION

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

COMMENTS: Grab Sample

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: 8/3/07 (inclusive)  
 City: Oakland, CA Sampler: Kyle F. / Aaron C

Well ID: MW-8 Date Monitored: 8/3/07 Well Condition: see wcss  
 Well Diameter: 3/4 / 2 in.  
 Total Depth: 29.97 ft.  
 Depth to Water: 16.70 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 x3 case volume= Estimated Purge Volume: 6 gal.

**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): 0900 Weather Conditions: Overcast  
 Sample Time/Date: 0930 / 8/3/07 Water Color: Cloudy Odor: no  
 Purging Flow Rate: .5 gpm. Sediment Description: light  
 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>0905</u>	<u>2</u>	<u>7.40</u>	<u>536</u>	<u>19.0</u>		
<u>0910</u>	<u>4</u>	<u>7.33</u>	<u>553</u>	<u>19.4</u>		
<u>0915</u>	<u>6</u>	<u>7.29</u>	<u>561</u>	<u>19.7</u>		

### LABORATORY INFORMATION

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

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

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ 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: 8/3/07 (inclusive)  
 Sampler: Kyle / Aaron C

Well ID: MW-9  
 Well Diameter: 3/4 / 2 in.  
 Total Depth: 30.02 ft.  
 Depth to Water:            ft.

Date Monitored: 8/3/07 Well Condition: REWCS?

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 =            x3 case volume= Estimated Purge Volume:            gal.

**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):            Weather Conditions:             
 Sample Time/Date:            /            Water Color:            Odor:             
 Purging Flow Rate:            gpm. Sediment Description:             
 Did well de-water?            If yes, Time:            Volume:            gal.

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

### LABORATORY INFORMATION

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

COMMENTS: Parked Over

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: 8/3/07 (inclusive)  
 City: Oakland, CA Sampler: RJE/Aaron C

Well ID: MW-10 Date Monitored: 8/3/07 Well Condition: SEE WCES  
 Well Diameter: 3/4 (2) in.  
 Total Depth: 29.96 ft.  
 Depth to Water: 16.35 ft.  
13.61 xVF 17 = 2.3 x3 case volume = Estimated Purge Volume: 6.9 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

**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): 1355 Weather Conditions: Sunny  
 Sample Time/Date: 1425 8/3/07 Water Color: Cloudy Odor: no  
 Purging Flow Rate: .5 gpm. Sediment Description: light  
 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>1400</u>	<u>2.5</u>	<u>6.70</u>	<u>442</u>	<u>19.9</u>		
<u>1405</u>	<u>5</u>	<u>6.62</u>	<u>461</u>	<u>20.3</u>		
<u>1410</u>	<u>7</u>	<u>6.56</u>	<u>474</u>	<u>20.7</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-10	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: \_\_\_\_\_

# Chevron California Region Analysis Request/Chain of Custody



080307-08

For Lancaster Laboratories use only  
 Acct #: 10904 Sample # 5120322-30 Group #: 002541

Facility #: <u>SS#9-3322-OML G-R#386433 Global ID#T0600102079</u> Site Address: <u>7225 BANCROFT AVENUE, OAKLAND, CA</u> Chevron PM: <u>SS</u> Lead Consultant: <u>GRACE</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone # <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>Ryle Erbland / Aaron Chandler</u>				<b>Matrix</b> <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		<b>Analyses Requested</b> Preservation Codes: H H H H H H H H H H H H Total Number of Containers: _____ BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO _____ TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup _____ 8260 full scan _____ 5 Oxygenates (8260) _____ Total Lead Method _____ Dissolved Lead Method _____ Ethanol (8260) _____										<b>Preservative Codes</b> H = HCl T = Thiosulfate N = HNO <sub>3</sub> B = NaOH S = H <sub>2</sub> SO <sub>4</sub> O = Other <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits					
Sample Identification		Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	5 Oxygenates (8260)	Total Lead Method	Dissolved Lead Method	Ethanol (8260)	Comments / Remarks
<u>QA</u>		<u>8/3/07</u>		X			X			2	X	X									
<u>MW-2</u>			1340	X			X			6	X	X									
<u>MW-3</u>			1255	X			X			6	X	X									
<u>MW-4</u>			1030	X			X			6	X	X									
<u>MW-5</u>			1115	X			X			6	X	X									
<u>MW-6</u>			1205	X			X			6	X	X									
<u>MW-7</u>			0945	X			X			6	X	X				X					
<u>MW-8</u>			0930	X			X			6	X	X				X					
<u>MW-10</u>			1425	X			X			6	X	X				X					

gcp 1050014

<b>Turnaround Time Requested (TAT) (please circle)</b> (STB) TAT: 24 hour (circled) 72 hour 48 hour 5 day			Relinquished by: <u>Adhik</u> Date: <u>8-3-07</u> Time: _____ Relinquished by: <u>Aaron Chandler</u> Date: <u>03 AUG 2007 1620</u> Time: _____ Relinquished by: _____ Date: _____ Time: _____		Received by: <u>Aaron Chandler</u> Date: <u>03 AUG 2007 1620</u> Time: _____ Received by: <u>DHL</u> Date: <u>03 AUG 1620</u> Time: _____ Received by: _____ Date: _____ Time: _____	
<b>Data Package Options (please circle if required)</b> QC Summary Type I - Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed <b>EDF/EDD</b> WIP (RWQCB) Disk			Relinquished by Commercial Carrier: UPS <u>FEDEX</u> Other _____ Temperature Upon Receipt <u>100-51</u> °C		Received by: <u>Aaron Chandler</u> Date: <u>8/3/07</u> Time: <u>0940</u> Custody Seals Intact? Yes No	



# Analysis Report

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

## ANALYTICAL RESULTS

Prepared 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

RECEIVED  
AUG 17 2007  
GETTLER-RYAN INC.  
GENERAL CONTRACTORS

## SAMPLE GROUP

The sample group for this submittal is 1050014. Samples arrived at the laboratory on Saturday, August 04, 2007. The PO# for this group is 0015014975 and the release number is SINHA.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-070803	NA	Water	5120322
MW-2-W-070803	Grab	Water	5120323
MW-3-W-070803	Grab	Water	5120324
MW-4-W-070803	Grab	Water	5120325
MW-5-W-070803	Grab	Water	5120326
MW-6-W-070803	Grab	Water	5120327
MW-7-W-070803	Grab	Water	5120328
MW-8-W-070803	Grab	Water	5120329
MW-10-W-070803	Grab	Water	5120330

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 "Christine Dulaney".

Christine Dulaney  
Senior Specialist



# Analysis Report

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

Lancaster Laboratories Sample No. WW 5120322

QA-T-070803 NA Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft-Oakland T0600102079 QA  
 Collected: 08/03/2007

Account Number: 10904

Submitted: 08/04/2007 09:40  
 Reported: 08/16/2007 at 00:46  
 Discard: 09/16/2007

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

OAKTB

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

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	08/06/2007	16:27	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/10/2007	10:18	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/06/2007	16:27	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/10/2007	10:18	Anita M Dale	1

Lancaster Laboratories Sample No. WW 5120323

 MW-2-W-070803 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft-Oakland T0600102079 MW-2  
 Collected: 08/03/2007 13:40 by KE

Account Number: 10904

 Submitted: 08/04/2007 09:40  
 Reported: 08/16/2007 at 00:46  
 Discard: 09/16/2007

 Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

OAK02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	2,600.	Detection Limit 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.						
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	2.	0.5	ug/l	1
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	10.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	28.	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	08/06/2007	19:53	Steven A Skiles	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	08/13/2007	03:09	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/06/2007	19:53	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/13/2007	03:09	Michael A Ziegler	1



Lancaster Laboratories Sample No. WW 5120324

 MW-3-W-070803 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft-Oakland T0600102079 MW-3  
 Collected: 08/03/2007 12:55 by KE

Account Number: 10904

 Submitted: 08/04/2007 09:40  
 Reported: 08/16/2007 at 00:46  
 Discard: 09/16/2007

 Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

OAK03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	740.	50.	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.						
06067	BTEX, MTBE, ETOH						
01587	Ethanol	64-17-5	N.D.	50.		ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	77.	0.5		ug/l	1
05401	Benzene	71-43-2	44.	0.5		ug/l	1
05407	Toluene	108-88-3	2.	0.5		ug/l	1
05415	Ethylbenzene	100-41-4	12.	0.5		ug/l	1
06310	Xylene (Total)	1330-20-7	9.	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	08/06/2007	20:23	Steven A Skiles	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	08/13/2007	03:55	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/06/2007	20:23	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/13/2007	03:55	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW 5120325

MW-4-W-070803                      Grab                      Water  
 Facility# 93322 Job# 386433                      GRD  
 7225 Bancroft-Oakland                      T0600102079                      MW-4  
 Collected: 08/03/2007 10:30                      by KE

Account Number: 10904

Submitted: 08/04/2007 09:40  
 Reported: 08/16/2007 at 00:46  
 Discard: 09/16/2007

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

OAK04

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit 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.					
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	08/06/2007	20:52	Steven A Skiles	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	08/13/2007	04:41	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/06/2007	20:52	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/13/2007	04:41	Michael A Ziegler	1



# Analysis Report

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Lancaster Laboratories Sample No. WW 5120326

MW-5-W-070803 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft-Oakland T0600102079 MW-5  
 Collected: 08/03/2007 11:15 by KE

Account Number: 10904

Submitted: 08/04/2007 09:40  
 Reported: 08/16/2007 at 00:46  
 Discard: 09/16/2007

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

OAK05

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.						
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.6	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	08/06/2007 21:22	Steven A Skiles	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	08/13/2007 05:04	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/06/2007 21:22	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/13/2007 05:04	Michael A Ziegler	1



# Analysis Report

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Lancaster Laboratories Sample No. WW 5120327

MW-6-W-070803 Grab Water  
Facility# 93322 Job# 386433 GRD  
7225 Bancroft-Oakland T0600102079 MW-6  
Collected: 08/03/2007 12:05 by KE

Account Number: 10904

Submitted: 08/04/2007 09:40  
Reported: 08/16/2007 at 00:46  
Discard: 09/16/2007

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

OAK06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				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.	1,600.		250.	ug/l	5
06067	BTEX, MTBE, ETOH						
01587	Ethanol	64-17-5	N.D.		100.	ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	80.		1.	ug/l	2
05401	Benzene	71-43-2	410.		10.	ug/l	20
05407	Toluene	108-88-3	4.		1.	ug/l	2
05415	Ethylbenzene	100-41-4	2.		1.	ug/l	2
06310	Xylene (Total)	1330-20-7	3.		1.	ug/l	2

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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	08/06/2007	21:51	Steven A Skiles	5
06067	BTEX, MTBE, ETOH	SW-846 8260E	1	08/13/2007	05:27	Michael A Ziegler	2
06067	BTEX, MTBE, ETOH	SW-846 8260E	1	08/13/2007	05:50	Michael A Ziegler	20
01146	GC VOA Water Prep	SW-846 5030B	1	08/06/2007	21:51	Steven A Skiles	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/13/2007	05:27	Michael A Ziegler	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/13/2007	05:50	Michael A Ziegler	20



# Analysis Report

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Lancaster Laboratories Sample No. WW 5120328

MW-7-W-070803 Grab Water  
Facility# 93322 Job# 386433 GRD  
7225 Bancroft-Oakland T0600102079 MW-7  
Collected: 08/03/2007 09:45 by KE

Account Number: 10904

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

Submitted: 08/04/2007 09:40  
Reported: 08/16/2007 at 00:47  
Discard: 09/16/2007

OAK07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
01728	TPH-GRO - Waters	n.a.	57,000.	5,000.	ug/l	100
	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.	2,500.	ug/l	50
02010	Methyl Tertiary Butyl Ether	1634-04-4	84.	25.	ug/l	50
02011	di-Isopropyl ether	108-20-3	N.D.	25.	ug/l	50
02013	Ethyl t-butyl ether	637-92-3	N.D.	25.	ug/l	50
02014	t-Amyl methyl ether	994-05-8	N.D.	25.	ug/l	50
02015	t-Butyl alcohol	75-65-0	300.	100.	ug/l	50
05401	Benzene	71-43-2	12,000.	250.	ug/l	500
05407	Toluene	108-88-3	41.	25.	ug/l	50
05415	Ethylbenzene	100-41-4	2,400.	25.	ug/l	50
06310	Xylene (Total)	1330-20-7	4,400.	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	08/06/2007 22:20	Steven A Skiles	100
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	08/12/2007 20:38	Michael A Ziegler	50
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	08/12/2007 21:01	Michael A Ziegler	500
01146	GC VOA Water Prep	SW-846 5030B	1	08/06/2007 22:20	Steven A Skiles	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/12/2007 20:38	Michael A Ziegler	50
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/12/2007 21:01	Michael A Ziegler	500



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Lancaster Laboratories Sample No. WW 5120329

MW-8-W-070803 Grab Water  
Facility# 93322 Job# 386433 GRD  
7225 Bancroft-Oakland T0600102079 MW-8  
Collected: 08/03/2007 09:30 by KE

Account Number: 10904

Submitted: 08/04/2007 09:40  
Reported: 08/16/2007 at 00:47  
Discard: 09/16/2007

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

OAK08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	130.	50.		ug/l	1
	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	2.	0.5		ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5		ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5		ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5		ug/l	1
02015	t-Butyl alcohol	75-65-0	8.	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	08/06/2007 23:49	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	08/12/2007 21:24	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/06/2007 23:49	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/12/2007 21:24	Michael A Ziegler	1



# Analysis Report

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Lancaster Laboratories Sample No. WW 5120330

MW-10-W-070803 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft-Oakland T0600102079 MW-10  
 Collected: 08/03/2007 14:25 by KE

Account Number: 10904

Submitted: 08/04/2007 09:40  
 Reported: 08/16/2007 at 00:47  
 Discard: 09/16/2007

Chevron  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

OAK09

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.	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.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	3.	0.5	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	2.	2.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	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	08/07/2007	00:18	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	08/12/2007	22:33	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/07/2007	00:18	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/12/2007	22:33	Michael A Ziegler	1

## Quality Control Summary

 Client Name: Chevron  
 Reported: 08/16/07 at 12:47 AM

Group Number: 1050014

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: 07219A07A TPH-GRO - Waters	Sample number(s): 5120322-5120330		N.D.	50.	ug/l	108	112	75-135	3	30
Batch number: D072243AA	Sample number(s): 5120323-5120330									
Ethanol	N.D.	50.	ug/l	84		39-161				
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		73-119				
di-isopropyl ether	N.D.	0.5	ug/l	92		70-123				
Ethyl t-butyl ether	N.D.	0.5	ug/l	94		74-120				
t-Amyl methyl ether	N.D.	0.5	ug/l	95		79-113				
t-Butyl alcohol	N.D.	2.	ug/l	89		69-127				
Benzene	N.D.	0.5	ug/l	90		78-119				
Toluene	N.D.	0.5	ug/l	94		85-115				
Ethylbenzene	N.D.	0.5	ug/l	93		82-119				
Xylene (Total)	N.D.	0.5	ug/l	94		83-113				
Batch number: Z072221AA	Sample number(s): 5120322									
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103		73-119				
Benzene	N.D.	0.5	ug/l	82		78-119				
Toluene	N.D.	0.5	ug/l	88		85-115				
Ethylbenzene	N.D.	0.5	ug/l	92		82-119				
Xylene (Total)	N.D.	0.5	ug/l	90		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>
Batch number: 07219A07A TPH-GRO - Waters	Sample number(s): 5120322-5120330		UNSPK: P120317						
	105		63-154						
Batch number: D072243AA	Sample number(s): 5120323-5120330		UNSPK: 5120329						
Ethanol	87	72	41-159	19	30				
Methyl Tertiary Butyl Ether	96	101	69-127	4	30				
di-Isopropyl ether	93	97	68-129	4	30				
Ethyl t-butyl ether	93	98	78-119	5	30				
t-Amyl methyl ether	95	100	72-125	6	30				
t-Butyl alcohol	87	91	64-130	5	30				
Benzene	98	100	83-128	3	30				
Toluene	97	101	83-127	4	30				
Ethylbenzene	98	101	82-129	3	30				
Xylene (Total)	97	101	82-130	4	30				
Batch number: Z072221AA	Sample number(s): 5120322		UNSPK: P120296						

\*- Outside of specification

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



## Quality Control Summary

 Client Name: Chevron  
 Reported: 08/16/07 at 12:47 AM

Group Number: 1050014

### Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Methyl Tertiary Butyl Ether	111	113	69-127	2	30				
Benzene	89	94	83-128	5	30				
Toluene	91	99	83-127	8	30				
Ethylbenzene	97	102	82-129	6	30				
Xylene (Total)	94	102	82-130	8	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: 07219A07A  
 Trifluorotoluene-F

5120322	96
5120323	133
5120324	109
5120325	97
5120326	94
5120327	96
5120328	97
5120329	98
5120330	94
Blank	87
LCS	96
LCS D	100
MS	98

Limits: 63-135

 Analysis Name: BTEX+5 Oxygenates+ETOH  
 Batch number: D072243AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5120323	86	82	88	96
5120324	86	83	88	94
5120325	86	85	88	91
5120326	86	84	87	91
5120327	87	85	91	96
5120328	84	81	86	90
5120329	88	84	88	94
5120330	88	87	90	94
Blank	86	84	88	92
LCS	87	86	90	95
MS	86	84	87	93
MSD	86	87	88	94

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 background result was more than four times the spike added.

## Quality Control Summary

Client Name: Chevron  
Reported: 08/16/07 at 12:47 AM

Group Number: 1050014

### Surrogate Quality Control

Analysis Name: BTEX+MTBE by 8260B  
Batch number: Z072221AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5120322	104	94	89	91
Blank	105	92	88	90
LCS	103	95	89	94
MS	107	95	87	96
MSD	106	97	90	95
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 background result was more than four times the spike added.

## Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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