



J. Mark Inglis  
Project Manager

**Retail & Terminal  
Business Unit**  
Chevron Environmental  
Management Company  
6001 Bollinger Canyon Road,  
Room K2256  
San Ramon, CA 94583-2324  
Tel 925 842 1589  
Fax 925 842 8370  
jmark.inglis@chevrontexaco.  
com

October 6, 2005

Alameda County  
OCT 10 2005  
Environmental Health

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

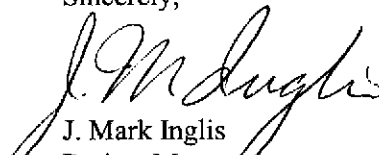
I have reviewed the attached routine groundwater monitoring report dated September 19, 2005.

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,

  
J. Mark Inglis  
Project Manager

Enclosure: Report



# GETTLER-RYAN INC.

## TRANSMITTAL

September 19, 2005

G-R #386433

TO: Mr. Robert Foss  
Cambria Environmental Technology, Inc.  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

CC: Mr. Mark Inglis  
ChevronTexaco 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

Alameda County  
OCT 10 2005  
Environmental Health  
Chevron Service Station  
#9-3322  
7225 Bancroft Avenue  
Oakland, California  
RO 0000274

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	September 19, 2005	Groundwater Monitoring and Sampling Report Third Quarter - Event of August 12, 2005

### COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **October 5, 2005**, at which time the final report will be distributed to the following:

cc: Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577  
Mr. Dean Najdawi, (Owner), 7225 Bancroft Avenue, Oakland, CA 94605-2407

Enclosures

trans/9-3322-MI



# GETTLER-RYAN INC.

September 19, 2005  
G-R Job #386433

Mr. Mark Inglis  
ChevronTexaco Company  
P.O. Box 6012, Room K2256  
San Ramon, CA 94583

**RE: Third Quarter Event of August 12, 2005**  
Groundwater Monitoring & Sampling Report  
Chevron Service Station #9-3322  
7225 Bancroft Avenue  
Oakland, California

Dear Mr. Inglis:

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

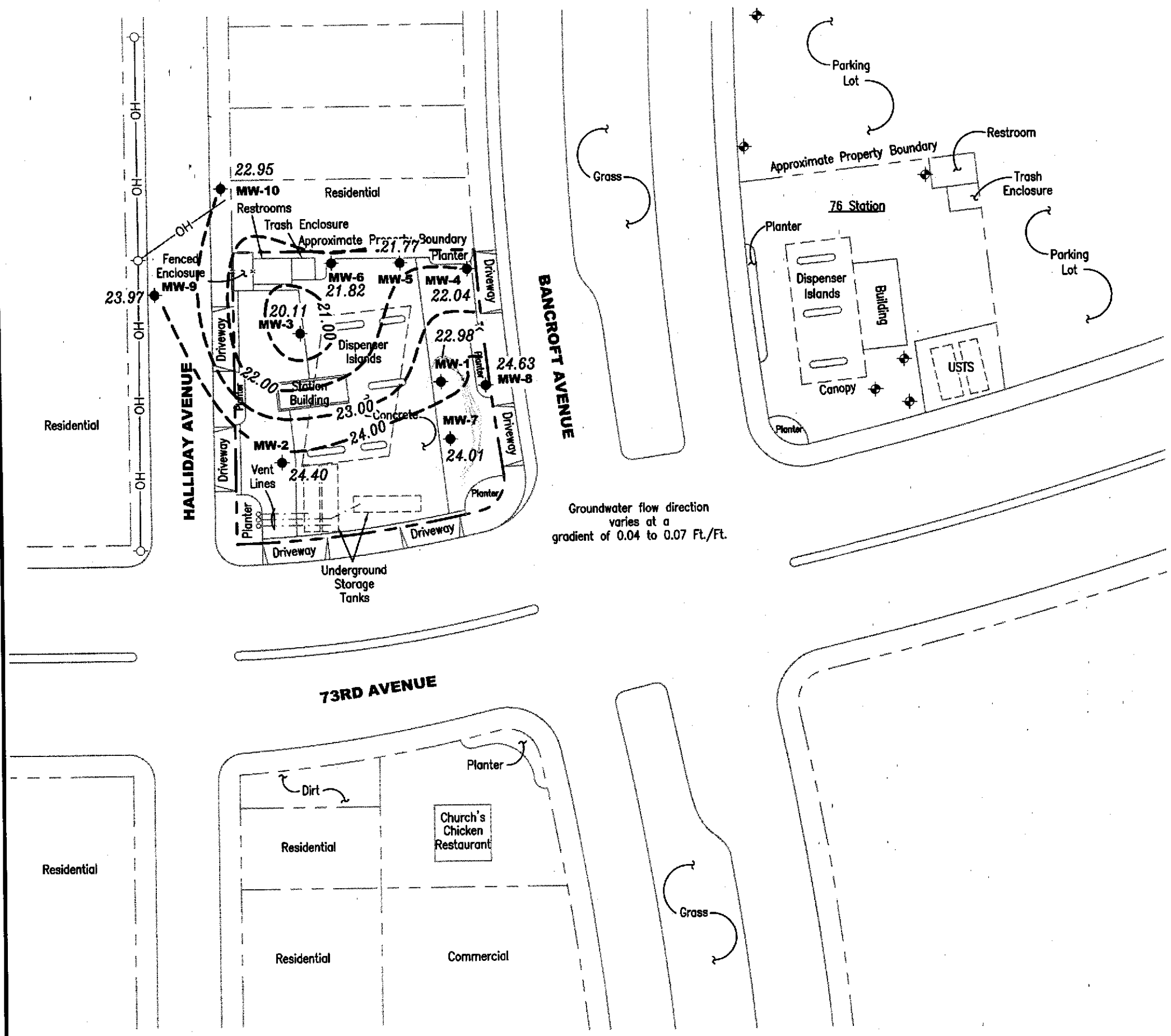
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P.E. No. C55734



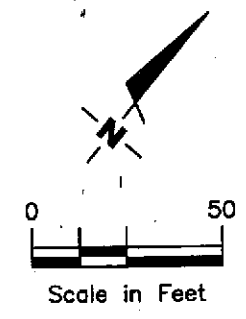
Figure 1: Potentiometric Map  
Table 1: Groundwater Monitoring Data and Analytical Results  
Table 2: Groundwater Analytical Results - Oxygenate Compounds  
Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets  
Chain of Custody Document and Laboratory Analytical Reports

### 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



Groundwater flow direction varies at a gradient of 0.04 to 0.07 Ft./Ft.



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

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

PROJECT NUMBER: 386433  
 DATE: August 12, 2005  
 REVISION DATE: (blank)  
 FILE NAME: P:\Enviro\Chevron\9-3322\005-9-3322.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.)	SPH								
				SPHT (ft.)	REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	
MW-1												
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				--	--	

**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</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
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
<b>08/12/05<sup>7</sup></b>	<b>35.72</b>	<b>24.40</b>	<b>11.32</b>	<b>0.00</b>	<b>0.00</b>	<b>5,800</b>	<b>4</b>	<b>0.7</b>	<b>150</b>	<b>370</b>	<b>30</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 REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3											
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
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

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

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



**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-5 (cont)</b>											
05/05/00	40.37	23.48	16.89	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	3.8
07/28/00	40.37	20.88	19.49	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/26/00	40.37	19.68	20.69	0.00	0.00	<50	0.57	<0.50	<0.50	<0.50	15
02/09/01	40.37	21.50	18.87	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	9.11
05/11/01	40.37	24.47	15.90	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
08/30/01	40.37	19.76	20.61	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	9.5
11/21/01	40.37	19.33	21.04	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	7.3
02/05/02	40.37	25.16	15.21	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/02	37.40	23.95	13.45	0.00	0.00	--	--	--	--	--	--
08/05/02	37.40	19.86	17.54	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.7
11/04/02	37.40	17.33	20.07	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	6.3
02/03/03	37.40	22.37	15.03	0.00	0.00	<50	<0.50	0.60	<0.50	<1.5	<2.5
05/02/03	37.40	23.44	13.96	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/01/03 <sup>7</sup>	37.40	20.00	17.40	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/21/03 <sup>7</sup>	37.40	18.83	18.57	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/04 <sup>7</sup>	37.40	23.26	14.14	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/11/04 <sup>7</sup>	37.40	22.70	14.70	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/10/04 <sup>7</sup>	37.40	20.32	17.08	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/04 <sup>7</sup>	37.40	21.42	15.98	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/21/05	37.40	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--
05/10/05 <sup>7</sup>	37.40	25.52	11.88	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	1
08/12/05 <sup>7</sup>	37.40	21.77	15.63	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-6</b>											
02/02/99	39.84	21.36	18.48	--	--	14,000	5,600	<50	150	160	<250
06/07/99	39.84	23.39	16.45	--	--	1,500	1,100	33	25	34	200
09/07/99	39.84	19.35	20.49	--	--	6,550	2,940	81.5	177	84	865
10/27/99	39.84	18.61	21.23	--	--	3,680	1,240	29.6	115	14.9	735
02/08/00	39.84	21.44	18.40	--	--	17,300	8,920	<100	378	211	2,610
05/05/00	39.84	23.48	16.36	0.00	0.00	4,200 <sup>2</sup>	1,900	98	170	290	1,300
07/28/00	39.84	20.90	18.94	0.00	0.00	1,200 <sup>2</sup>	660	30	83	36	650
11/26/00	39.84	19.71	20.13	0.00	0.00	7,600 <sup>2</sup>	4,300	63	360	110	2,000
02/09/01	39.84	21.44	18.40	0.00	0.00	18,200 <sup>3</sup>	7,090	<100	457	169	2,930
05/11/01	39.84	24.39	15.45	0.00	0.00	2,600 <sup>2</sup>	2,300	31	88	40	990

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**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-6 (cont)</b>												
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	
<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	
<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	

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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 REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
<b>MW-8 (cont)</b>											
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
<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
<b>MW-10</b>											
04/01/02 <sup>6</sup>	35.53	23.81	11.72	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	6.1/5 <sup>5</sup>
08/05/02	35.53	19.73	15.80	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.1/5 <sup>5</sup>
11/04/02	35.53	17.22	18.31	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	5.5/5 <sup>5</sup>
02/03/03	35.53	22.11	13.42	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	2.8/3 <sup>5</sup>
05/02/03	35.53	23.08	12.45	0.00	0.00	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5 <sup>5</sup>
08/01/03 <sup>7</sup>	35.53	19.91	15.62	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	2
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

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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>MW-10 (cont)</b>											
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
<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	<5.0
09/07/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/27/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
02/08/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
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
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

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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 REMOVED (gallons)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
QA (cont)											
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

**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

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

SPH = Separate Phase Hydrocarbons

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(ppb) = Parts per billion

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

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

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

1 Confirmation run.

2 Laboratory report indicates gasoline C6-C12.

3 Laboratory report indicates weathered gasoline C6-C12.

4 Product and water removed.

5 MTBE by EPA Method 8260.

6 Well development performed.

7 BTEX and MTBE by EPA Method 8260.

**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		--	--	--	--
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	--	--	--
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	--	--	--
MW-4	08/01/03	<50	--	<0.5	--	--	--

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

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-4 (cont)	11/21/03	<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	--	--	--
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	--	--	--
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	--	--	--



**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
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
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	

**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	05/10/05	<50	20	100	<0.5	<0.5	4
(cont)	08/12/05	<50	18	89	<0.5	<0.5	4
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
	08/12/05	<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

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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 ChevronTexaco Company, the purge water and decontamination water generated during sampling activities is transported by IWM to McKittrick Waste Management located in McKittrick, California.



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 386433  
 Event Date: 8/12/05 (inclusive)  
 Sampler: G.A.

Well ID: MW-1  
 Well Diameter: 3 1/2 in.  
 Total Depth: 33.96 ft.  
 Depth to Water: 14.44 ft.

Date Monitored: 8/12/05 Well Condition: OK

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: 1710 (2400 hrs)  
 Time Completed: 1730 (2400 hrs)  
 Depth to Product: 14.41 ft  
 Depth to Water: 14.44 ft  
 Hydrocarbon Thickness: 0.03 ft  
 Visual Confirmation/Description:  
Brown Oily Spatter Product  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: 25ml gal  
 Water Removed: 1.5 gal  
 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 (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)/BTEX+MTBE(8260)/ETHANOL(8260)
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)

### COMMENTS:

Not sampled due to SPMT 0.3  
Bailed product - approx 1 gal water + 25ml prod @

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 386433  
 Event Date: 8/12/05 (inclusive)  
 Sampler: G.R.

Well ID: MW-2 Date Monitored: 8/12/05 Well Condition: OK  
 Well Diameter: 3.12 in.  
 Total Depth: 29.88 ft.  
 Depth to Water: 11.32 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

 x3 case volume = Estimated Purge Volume: 18.56 x VF 0.17 = 3.15 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): 1630 Weather Conditions: Clear  
 Sample Time/Date: 1710 8/12/05 Water Color: Clear Odor: yes  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 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>1637</u>	<u>3</u>	<u>7.22</u>	<u>826</u>	<u>19.8</u>		
<u>1644</u>	<u>6</u>	<u>7.18</u>	<u>804</u>	<u>19.8</u>		
<u>1650</u>	<u>9.5</u>	<u>7.17</u>	<u>815</u>	<u>19.7</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</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>
	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 #: ChevronTexaco #9-3322 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 8/12/05 (inclusive)  
 City: Oakland, CA Sampler: GLL

Well ID: MW-3 Date Monitored: 8/12/05 Well Condition: OK  
 Well Diameter: 3 1/2 in. Total Depth: 32.91 ft.  
 Depth to Water: 16.42 ft.  
 $16.49 \times VF \ 0.17 = 2.80 \times 3 \text{ case volume} = \text{Estimated Purge Volume: } 8.5 \text{ gal.}$

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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1355 Weather Conditions: Clean  
 Sample Time/Date: 1435 8/12/05 Water Color: Clean Odor: yes  
 Purging Flow Rate: — gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity ( $\mu$ mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1403</u>	<u>3</u>	<u>7.16</u>	<u>770</u>	<u>19.8</u>	_____	_____
<u>1410</u>	<u>6</u>	<u>7.09</u>	<u>764</u>	<u>19.7</u>	_____	_____
<u>1417</u>	<u>8.5</u>	<u>7.11</u>	<u>761</u>	<u>19.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

**LABORATORY INFORMATION**

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

**COMMENTS:**

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 386433  
 Event Date: 8/12/05 (inclusive)  
 Sampler: C.R.

Well ID: MW-4 Date Monitored: 8/12/05 Well Condition: OK  
 Well Diameter: 3 1/2 in.  
 Total Depth: 30.26 ft.  
 Depth to Water: 15.25 ft.

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

15.01 x VF 0.17 = 2.55 x3 case volume= Estimated Purge Volume: 7.5 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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1120 Weather Conditions: Clear  
 Sample Time/Date: 1155 8/12/05 Water Color: Clear Odor: No  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 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>1126</u>	<u>2.5</u>	<u>7.17</u>	<u>684</u>	<u>19.2</u>		
<u>1132</u>	<u>5</u>	<u>7.12</u>	<u>701</u>	<u>19.1</u>		
<u>1139</u>	<u>7.5</u>	<u>7.18</u>	<u>697</u>	<u>19.1</u>		

### LABORATORY INFORMATION

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

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

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





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 8/12/05 (inclusive)  
 City: Oakland, CA Sampler: C. Roge

Well ID: MW-5 Date Monitored: 8/12/05 Well Condition: OK  
 Well Diameter: 3 1/2 in. Total Depth: 31.58 ft.  
 Depth to Water: 15.63 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

 $15.95 \times VF 0.17 = 2.71$  x3 case volume = Estimated Purge Volume: 8 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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1210 Weather Conditions: Clear  
 Sample Time/Date: 12501 8/12/05 Water Color: Clear Odor: No  
 Purging Flow Rate: ✓ gpm. Sediment Description: \_\_\_\_\_  
 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>1217</u>	<u>2.5</u>	<u>7.19</u>	<u>672</u>	<u>19.3</u>		
<u>1225</u>	<u>5</u>	<u>7.14</u>	<u>689</u>	<u>19.3</u>		
<u>1231</u>	<u>8</u>	<u>7.14</u>	<u>688</u>	<u>19.2</u>		

### LABORATORY INFORMATION

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 386433  
 Event Date: 8/12/05 (inclusive)  
 Sampler: C.R.

Well ID: MW-6 Date Monitored: 8/12/05 Well Condition: OK  
 Well Diameter: 3.25 in. ~~3.12~~ 12 in.  
 Total Depth: 31.25 ft.  
 Depth to Water: 15.08 ft.  
16.17 xVF 0.17 = 2.74 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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbent Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1300 Weather Conditions: Clear  
 Sample Time/Date: 13401 8/12/05 Water Color: Clear Odor: None  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 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>1307</u>	<u>2.5</u>	<u>7.19</u>	<u>764</u>	<u>19.9</u>	_____	_____
<u>1313</u>	<u>5</u>	<u>7.21</u>	<u>772</u>	<u>19.9</u>	_____	_____
<u>1319</u>	<u>8</u>	<u>7.17</u>	<u>776</u>	<u>19.5</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

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

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 8/12/05 (inclusive)  
 City: Oakland, CA Sampler: G. R.

Well ID: MW-7 Date Monitored: 8/12/05 Well Condition: OK  
 Well Diameter: (3/4) 1 1/2 in.  
 Total Depth: 25.00 ft.  
 Depth to Water: 12.83 ft.  
12.17 xVF .02 = 0.24 x3 case volume = Estimated Purge Volume: 3/4 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: PIN ✓  
 Disposable Bailer \_\_\_\_\_  
 Stainless Steel Bailer \_\_\_\_\_  
 Stack Pump \_\_\_\_\_  
 Suction Pump \_\_\_\_\_  
 Grundfos \_\_\_\_\_  
 Other: \_\_\_\_\_

Sampling Equipment: PIN ✓  
 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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1805 Weather Conditions: Clear  
 Sample Time/Date: 1900 8/12/05 Water Color: Clear Odor: NO  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 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>1820</u>	<u>1/4</u>	<u>7.16</u>	<u>787</u>	<u>19.7</u>	_____	_____
<u>1835</u>	<u>1/2</u>	<u>7.09</u>	<u>762</u>	<u>19.8</u>	_____	_____
<u>1850</u>	<u>3/4</u>	<u>7.11</u>	<u>771</u>	<u>19.7</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 8/12/04 (inclusive)  
 City: Oakland, CA Sampler: GRL

Well ID: MW-8 Date Monitored: 8/12/04 Well Condition: OK

Well Diameter: 3 1/2 (2) in.  
 Total Depth: 29.94 ft.  
 Depth to Water: 12.58 ft.

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

17.36 xVF 0.17 = 2.95 x3 case volume = Estimated Purge Volume: 8.5 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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1720 Weather Conditions: Clear  
 Sample Time/Date: 1755 8/12/04 Water Color: Clear Odor: No  
 Purging Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (CF)	D.O. (mg/L)	ORP (mV)
<u>1727</u>	<u>3</u>	<u>7.13</u>	<u>783</u>	<u>19.8</u>		
<u>1734</u>	<u>6</u>	<u>7.09</u>	<u>756</u>	<u>19.8</u>		
<u>1740</u>	<u>8.4</u>	<u>7.10</u>	<u>763</u>	<u>19.7</u>		

### LABORATORY INFORMATION

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

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

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



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Job Number: 386433  
 Event Date: 8/12/05 (inclusive)  
 Sampler: G. Rogan

Well ID: MW-9  
 Well Diameter: 3 1/2 (2) in.  
 Total Depth: 19.96 ft.  
 Depth to Water: 11.06 ft.

Date Monitored: 8/12/05 Well Condition: OK

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

8.90 x VF 0.17 = 1.51 x3 case volume = Estimated Purge Volume: 4.5 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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 1540 Weather Conditions: Clean  
 Sample Time/Date: 1615 8/12/05 Water Color: Clean Odor: NA  
 Purging Flow Rate: ✓ gpm. Sediment Description: \_\_\_\_\_  
 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>1545</u>	<u>6.5</u>	<u>7.06</u>	<u>619</u>	<u>19.7</u>	_____	_____
<u>1549</u>	<u>3</u>	<u>6.98</u>	<u>627</u>	<u>19.7</u>	_____	_____
<u>1554</u>	<u>4.5</u>	<u>7.02</u>	<u>621</u>	<u>19.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-9</u>	<u>1</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL(8260)</u>

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

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

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



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: ChevronTexaco #9-3322 Job Number: 386433  
 Site Address: 7225 Bancroft Avenue Event Date: 8/12/04 (inclusive)  
 City: Oakland, CA Sampler: G.R.

Well ID: MW-10 Date Monitored: 8/12/04 Well Condition: OK

Well Diameter: ~~37~~ 12 in.  
 Total Depth: 29.89 ft.  
 Depth to Water: 12.56 ft.

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

17.31 x VF 0.17 = 2.94 x3 case volume= Estimated Purge Volume: 8.5 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: 0.17 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): 1450 Weather Conditions: Clear  
 Sample Time/Date: 1530 8/12/04 Water Color: Clear Odor: No  
 Purging Flow Rate: - gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? No If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C/F)	D.O. (mg/L)	ORP (mV)
<u>1457</u>	<u>3</u>	<u>7.07</u>	<u>597</u>	<u>19.6</u>	_____	_____
<u>1505</u>	<u>6</u>	<u>7.02</u>	<u>614</u>	<u>19.7</u>	_____	_____
<u>1511</u>	<u>8.4</u>	<u>7.02</u>	<u>609</u>	<u>19.6</u>	_____	_____
_____	_____	_____	_____	_____	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</u>	<u>x vov vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>6 x vov 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: \_\_\_\_\_

# Chevron California Region Analysis Request/Chain of Custody



Acct. #: 10904

For Lancaster Laboratories use only  
Sample #: 4584(6a)-30

Group# 955476  
SCR#:

081505-09

Facility #: SS#9-3322-OML G-R#386433 Global ID#T0600102079  
 Site Address: 7225 BANCROFT AVENUE, OAKLAND, CA  
 Chevron PM: MI Lead Consultant: CAMBRIARF  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568  
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)  
 Consultant Phone: 925-551-7555 Fax #: 925-551-7899  
 Sampler: G. Rojas  
 Service Order #: \_\_\_\_\_  Non SAR:

Matrix		Preservation Codes	
Potable <input type="checkbox"/>	NPOES <input type="checkbox"/>	#	#
Water <input type="checkbox"/>	Air <input type="checkbox"/>	#	#
Soil <input type="checkbox"/>	Oil <input type="checkbox"/>	#	#
Total Number of Containers		#	#
BTEX + MTBE 8260 <input type="checkbox"/> 8021 <input checked="" type="checkbox"/>		#	#
TPH 8015 MOD GRO		#	#
TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup		#	#
8260 full scan		#	#
5 Oxygenates (8260)		#	#
Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>		#	#
E+Hexal (8260)		#	#

**Preservative Codes**  
 H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>   O = Other

J value reporting needed  
 Must meet lowest detection limits possible for 8260 compounds

**8021 MTBE Confirmation**  
 Confirm highest hit by 8260  
 Confirm all hits by 8260  
 Run \_\_\_ oxy s on highest hit  
 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)	Lead 7420	7421	E+Hexal (8260)
OA	8/12/05	—	X						6	X	X	X							X
MW-2		1710	X						6	X	X	X							X
MW-3		1435	X						6	X	X	X							X
MW-4		1155	X						6	X	X	X							X
MW-5		1250	X						6	X	X	X							X
MW-6		1340	X						6	X	X	X							X
MW-7		1900	X						6	X	X	X							X
MW-8		1755	X						6	X	X	X							X
MW-9		1615	X						6	X	X	X							X
MW-10		1530	X						6	X	X	X							X

**Comments / Remarks**

**Turnaround Time Requested (TAT) (please circle)**

**STD. TAT**      72 hour      48 hour  
 24 hour      4 day      5 day

**Data Package Options (please circle if required)**

QC Summary      Type I — Full  
 Type VI (Raw Data)       Coeff Deliverable not needed **EDF/EDD**  
 WIP (RWQCB)  
 Disk

Relinquished by: <u>[Signature]</u>	Date: <u>8/13/05</u>	Time: _____	Received by: <u>[Signature]</u>	Date: <u>8/15/05</u>	Time: _____
Relinquished by: <u>[Signature]</u>	Date: <u>8/15/05</u>	Time: <u>1425</u>	Received by: <u>[Signature]</u>	Date: <u>8/15/05</u>	Time: <u>1425</u>
Relinquished by: <u>[Signature]</u>	Date: <u>8/15/05</u>	Time: <u>1530</u>	Received by: <u>Fed Ex</u>	Date: <u>8/15/05</u>	Time: _____
Relinquished by Commercial Carrier: UPS <input checked="" type="checkbox"/> FedEx      Other _____	Temperature Upon Receipt: <u>25.4°C</u>		Received by: <u>[Signature]</u>	Date: <u>8/16/05</u>	Time: <u>0850</u>
Custody Seals Intact? <input checked="" type="checkbox"/> Yes      No					



# Analysis Report

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## ANALYTICAL RESULTS

Prepared for:

ChevronTexaco  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

925-842-8582

Prepared by:

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

## SAMPLE GROUP

The sample group for this submittal is 955476. Samples arrived at the laboratory on Tuesday, August 16, 2005. The PO# for this group is 99011184 and the release number is INGLIS.

<u>Client Description</u>			<u>Lancaster Labs Number</u>
QA-T-050812	NA	Water	4584621
MW-2-W-050812	Grab	Water	4584622
MW-3-W-050812	Grab	Water	4584623
MW-4-W-050812	Grab	Water	4584624
MW-5-W-050812	Grab	Water	4584625
MW-6-W-050812	Grab	Water	4584626
MW-7-W-050812	Grab	Water	4584627
MW-8-W-050812	Grab	Water	4584628
MW-9-W-050812	Grab	Water	4584629
MW-10-W-050812	Grab	Water	4584630

1 COPY TO  
ELECTRONIC  
COPY TO

Cambria C/O Gettler- Ryan  
Gettler-Ryan

Attn: Deanna L. Harding  
Attn: Cheryl Hansen





## **Analysis Report**

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Questions? Contact your Client Services Representative  
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

A handwritten signature in cursive script that reads "Robin C. Runkle".

Robin C. Runkle  
Senior Chemist



# Analysis Report

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Lancaster Laboratories Sample No. WW 4584621

QA-T-050812 NA Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft Ave-Oakland T0600102079 QA  
 Collected: 08/12/2005

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BANQA

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.	Detection Limit 50.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	08/18/2005 11:43	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	08/17/2005 21:17	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/18/2005 11:43	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/17/2005 21:17	Dawn M Harle	n.a.



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Lancaster Laboratories Sample No. WW 4584622

MW-2-W-050812 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft Ave-Oakland T0600102079 MW-2  
 Collected: 08/12/2005 17:10 by GR

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
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 San Ramon CA 94583

BANM2

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.	5,800.		250.	ug/l	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH						
01587	Ethanol	64-17-5	N.D.		50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	30.		0.5	ug/l	1
05401	Benzene	71-43-2	4.		0.5	ug/l	1
05407	Toluene	108-88-3	0.7		0.5	ug/l	1
05415	Ethylbenzene	100-41-4	150.		0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	370.		0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUPT Gasoline	1	08/19/2005 22:51	Steven A Skiles	5
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/19/2005 15:13	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/19/2005 22:51	Steven A Skiles	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/19/2005 15:13	Ginelle L Feister	n.a.



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Lancaster Laboratories Sample No. **WW 4584623**

MW-3-W-050812 Grab Water GRD  
 Facility# 93322 Job# 386433  
 7225 Bancroft Ave-Oakland T0600102079 MW-3  
 Collected: 08/12/2005 14:35 by GR

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
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 San Ramon CA 94583

BANM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	2,800.	50.	ug/l	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	370.	3.	ug/l	5
05401	Benzene	71-43-2	94.	0.5	ug/l	1
05407	Toluene	108-88-3	32.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	150.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	390.	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/18/2005 13:10	Steven A Skiles	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/19/2005 16:00	Ginelle L Feister	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/19/2005 16:24	Ginelle L Feister	5
01146	GC VOA Water Prep	SW-846 5030B	1	08/18/2005 13:10	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/19/2005 16:00	Ginelle L Feister	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/19/2005 16:24	Ginelle L Feister	n.a.



# Analysis Report

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Lancaster Laboratories Sample No. WW 4584624

MW-4-W-050812 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft Ave-Oakland T0600102079 MW-4  
 Collected: 08/12/2005 11:55 by GR

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BANM4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.	50.	ug/l	1
01594	BTEX+5 Oxygenates+EDC+EDB+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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/18/2005 13:39	Steven A Skiles	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/19/2005 16:48	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/18/2005 13:39	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/19/2005 16:48	Ginelle L Feister	n.a.



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Lancaster Laboratories Sample No. **WW 4584625**

MW-5-W-050812                      Grab                      Water  
 Facility# 93322    Job# 386433                      GRD  
 7225 Bancroft Ave-Oakland T0600102079    MW-5  
 Collected: 08/12/2005 12:50                      by GR

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BANM5

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.	50.0	ug/l	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.0	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

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## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	08/18/2005 14:08	Steven A Skiles	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/19/2005 17:12	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/18/2005 14:08	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/19/2005 17:12	Ginelle L Feister	n.a.



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Lancaster Laboratories Sample No. WW 4584626

MW-6-W-050812 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft Ave-Oakland T0600102079 MW-6  
 Collected: 08/12/2005 13:40 by GR

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
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 San Ramon CA 94583

BANM6

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters	n.a.	75.	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.					
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	82.	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

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## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/18/2005 14:37	Steven A Skiles	1
01594	BTEX+5 Oxygenates+EDC+EDB+ETOH	SW-846 8260B	1	08/19/2005 17:36	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/18/2005 14:37	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/19/2005 17:36	Ginelle L Feister	n.a.



# Analysis Report

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Lancaster Laboratories Sample No. WW 4584627

MW-7-W-050812 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft Ave-Oakland T0600102079 MW-7  
 Collected: 08/12/2005 19:00 by GR

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BANM7

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	18,000.	1,000.	ug/l	20
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06059	BTEX+S Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	10
02010	Methyl Tertiary Butyl Ether	1634-04-4	80.	5.	ug/l	10
02011	di-Isopropyl ether	108-20-3	N.D.	5.	ug/l	10
02013	Ethyl t-butyl ether	637-92-3	N.D.	5.	ug/l	10
02014	t-Amyl methyl ether	994-05-8	N.D.	5.	ug/l	10
02015	t-Butyl alcohol	75-65-0	280.	50.	ug/l	10
05401	Benzene	71-43-2	7,300.	25.	ug/l	50
05407	Toluene	108-88-3	12.	5.	ug/l	10
05415	Ethylbenzene	100-41-4	1,100.	5.	ug/l	10
06310	Xylene (Total)	1330-20-7	2,500.	5.	ug/l	10
The reporting limits for the GC/MS volatile compounds were raised because sample dilution was necessary to bring target compounds into the calibration range of the system.						

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	08/18/2005 15:06	Steven A Skiles	20
06059	BTEX+5 Oxygenates+ETOH	Method SW-846 8260B	1	08/19/2005 13:13	Ginelle L Feister	10
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	08/19/2005 13:37	Ginelle L Feister	50
01146	GC VOA Water Prep	SW-846 5030B	1	08/18/2005 15:06	Steven A Skiles	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/19/2005 13:13	Ginelle L Feister	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	2	08/19/2005 13:37	Ginelle L Feister	n.a.





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Lancaster Laboratories Sample No. WW 4584628

MW-8-W-050812 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft Ave-Oakland T0600102079 MW-8  
 Collected: 08/12/2005 17:55 by GR

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BANM8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	08/18/2005 15:35	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	Method SW-846 8260B	1	08/19/2005 14:01	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/18/2005 15:35	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/19/2005 14:01	Ginelle L Feister	n.a.



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Lancaster Laboratories Sample No. WW 4584629

MW-9-W-050812 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft Ave-Oakland T0600102079 MW-9  
 Collected: 08/12/2005 16:15 by GR

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BANM9

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method		
01728	TPH-GRO - Waters	n.a.	390.	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	89.	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	4.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	18.	5.	ug/l	1
05401	Benzene	71-43-2	4.	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	0.7	0.5	ug/l	1

State of California Lab Certification No. 2116

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline	1	08/18/2005 16:04	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	08/19/2005 14:25	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/18/2005 16:04	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/19/2005 14:25	Ginelle L Feister	n.a.



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Lancaster Laboratories Sample No. WW 4584630

MW-10-W-050812 Grab Water  
 Facility# 93322 Job# 386433 GRD  
 7225 Bancroft Ave-Oakland T0600102079 MW-10  
 Collected: 08/12/2005 15:30 by GR

Account Number: 10904

Submitted: 08/16/2005 08:50  
 Reported: 08/24/2005 at 18:13  
 Discard: 09/24/2005

ChevronTexaco  
 6001 Bollinger Canyon Rd L4310  
 San Ramon CA 94583

BAN10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	08/18/2005 17:31	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	08/19/2005 14:49	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	08/18/2005 17:31	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	08/19/2005 14:49	Ginelle L Feister	n.a.

## Quality Control Summary

 Client Name: ChevronTexaco  
 Reported: 08/24/05 at 06:13 PM

Group Number: 955476

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

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 05229A16B TPH-GRO - Waters	N.D.	50.	4584621, 4584623-4584630 ug/l	105	106	70-130	1	30
Batch number: 05231A16A TPH-GRO - Waters	N.D.	50.	4584622 ug/l	107	106	70-130	1	30
Batch number: Z052294AA Methyl Tertiary Butyl Ether	N.D.	0.5	4584621 ug/l	91		77-127		
Benzene	N.D.	0.5	ug/l	93		85-117		
Toluene	N.D.	0.5	ug/l	97		85-115		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	98		83-113		
Batch number: Z052311AA Ethanol	N.D.	50.	4584622-4584630 ug/l			30-155		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	89		77-127		
di-Isopropyl ether	N.D.	0.5	ug/l	83		67-130		
Ethyl t-butyl ether	N.D.	0.5	ug/l	84		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	86		79-113		
t-Butyl alcohol	N.D.	5.	ug/l	89		57-141		
Benzene	N.D.	0.5	ug/l	92		85-117		
Toluene	N.D.	0.5	ug/l	94		85-115		
Ethylbenzene	N.D.	0.5	ug/l	92		82-119		
Xylene (Total)	N.D.	0.5	ug/l	96		83-113		

### Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 05229A16B TPH-GRO - Waters			4584621, 4584623-4584630	119	63-154				
Batch number: 05231A16A TPH-GRO - Waters			4584622	119	63-154				
Batch number: Z052294AA Methyl Tertiary Butyl Ether	95	95	69-134	0	30				
Benzene	102	101	83-128	1	30				
Toluene	104	103	83-127	1	30				
Ethylbenzene	103	102	82-129	1	30				
Xylene (Total)	105	104	82-130	2	30				

\*- 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: ChevronTexaco  
 Reported: 08/24/05 at 06:13 PM

Group Number: 955476

### Sample Matrix Quality Control

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: Z052311AA	Sample number(s): 4584622-4584630								
Ethanol	87	79	26-153	10	30				
Methyl Tertiary Butyl Ether	92	91	69-134	0	30				
di-Isopropyl ether	88	87	75-130	1	30				
Ethyl t-butyl ether	89	88	78-119	1	30				
t-Amyl methyl ether	92	92	77-117	0	30				
t-Butyl alcohol	97	101	51-147	4	30				
Benzene	98	97	83-128	0	30				
Toluene	101	98	83-127	3	30				
Ethylbenzene	100	98	82-129	2	30				
Xylene (Total)	102	100	82-130	2	30				

### Surrogate Quality Control

 Analysis Name: TPH-GRO - Waters  
 Batch number: 05229A16B  
 Trifluorotoluene-F

4584621	95
4584623	108
4584624	96
4584625	95
4584626	98
4584627	99
4584628	96
4584629	119
4584630	97
Blank	95
LCS	99
LCSD	99
MS	98

Limits: 63-135

 Analysis Name: TPH-GRO - Waters  
 Batch number: 05231A16A  
 Trifluorotoluene-F

4584622	103
Blank	93
LCS	97
LCSD	98
MS	96

Limits: 63-135

 Analysis Name: BTEX+MTBE by 8260B  
 Batch number: Z052294AA  
 Dibromofluoromethane

	1, 2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4584621	106	97	101
			93

\*- Outside of specification

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- (2) The background result was more than four times the spike added.

## Quality Control Summary

Client Name: ChevronTexaco  
Reported: 08/24/05 at 06:13 PM

Group Number: 955476

### Surrogate Quality Control

Blank	106	96	100	94
LCS	105	94	100	98
MS	105	96	100	98
MSD	105	97	100	98
Limits:	81-120	82-112	85-112	83-113
Analysis Name: BTEX+5 Oxygenates+ETOH				
Batch number: Z052311AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4584622	93	84	92	97
4584623	95	85	90	90
4584624	96	86	90	86
4584625	96	86	89	86
4584626	95	86	91	86
4584627	92	84	91	90
4584628	95	87	89	86
4584629	94	86	90	91
4584630	95	87	90	87
Blank	97	90	90	85
LCS	95	90	90	91
MS	94	86	91	90
MSD	94	87	90	89
Limits:	81-120	82-112	85-112	83-113

\*- 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.

# 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>meq</b>	milliequivalents	<b>lb.</b>	pound(s)
<b>g</b>	gram(s)	<b>kg</b>	kilogram(s)
<b>ug</b>	microgram(s)	<b>mg</b>	milligram(s)
<b>ml</b>	milliliter(s)	<b>l</b>	liter(s)
<b>m3</b>	cubic meter(s)	<b>ul</b>	microliter(s)

**<** less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

**>** greater than

**J** estimated value - The result is  $\geq$  the Method Detection Limit (MDL) and  $<$  the Limit of Quantitation (LOQ).

**ppm** parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

**ppb** parts per billion

**Dry weight basis** Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

## U.S. EPA CLP Data Qualifiers:

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

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

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

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

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