

GETTLER-RYAN INC.

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2:15 pm, Jan 15, 2008

Alameda County
Environmental Health

TRANSMITTAL

January 14, 2008

G-R #385145

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

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

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

RE: **Chevron Service Station
#9-1851
451 Hegenberger Road
Oakland, California
RO 0000464**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	January 10, 2008	Groundwater Monitoring and Sampling Report Fourth Quarter Event of December 7, 2007

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 **January 28, 2008**, at which time the final report will be distributed to the following:

cc: Mr. Ben Shimek, (Owner), 31 Industrial Way, Greenbrae, CA 94904

Enclosures



Olivia Skance
Project Manager
Marketing Business Unit

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

JANUARY 14, 2008

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

Re: Chevron Service Station No. 9-1851
Address 451 HEGENBERGER ROAD

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

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

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

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

Sincerely,

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

Olivia Skance
Project Manager

Attachment: Report

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-1851
 Site Address: 451 Hegenberger Road
 City: Oakland, CA

Job # 385145
 Event Date: 12-7-07
 Sampler: Mike L.

WELL ID	Vault Frame Condition	Gasket/O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
MW-5	OK	M	OK	—	—	—	→	✓	N	EMCO/8"1/2	NO
MW-3	OK	OK	(1)M	(2)S	OK	—	→	Yes	Yes	MORRISON/7"1/2	↓
MW-2	OK	—	—	—	—	—	→	N	N	EMCO/8"1/2	↓
MW-1	OK	M	OK	—	—	—	→	↓	↓	EMCO/8"1/2 BENT LONGYEAR/8"1/2	YES
MW-4	OK	M	OK	—	—	—	→	↓	↓	EMCO/8"1/2	NO
MW-6	OK	—	—	—	—	—	→	↓	↓	—	NO
MW-7	OK	—	—	—	—	—	→	↓	↓	—	NO

Comments Lid broken on MW-1. Picture taken



GETTLER-RYAN INC.

January 10, 2008
G-R Job #385145

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

RE: Fourth Quarter Event of December 7, 2007
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

Dear Ms. Skance:

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

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

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

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

Sincerely,

Deanna L. Harding
Project Coordinator

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

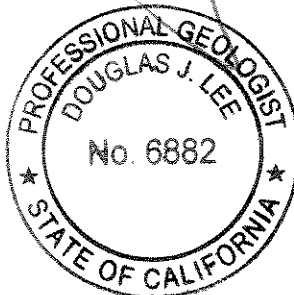
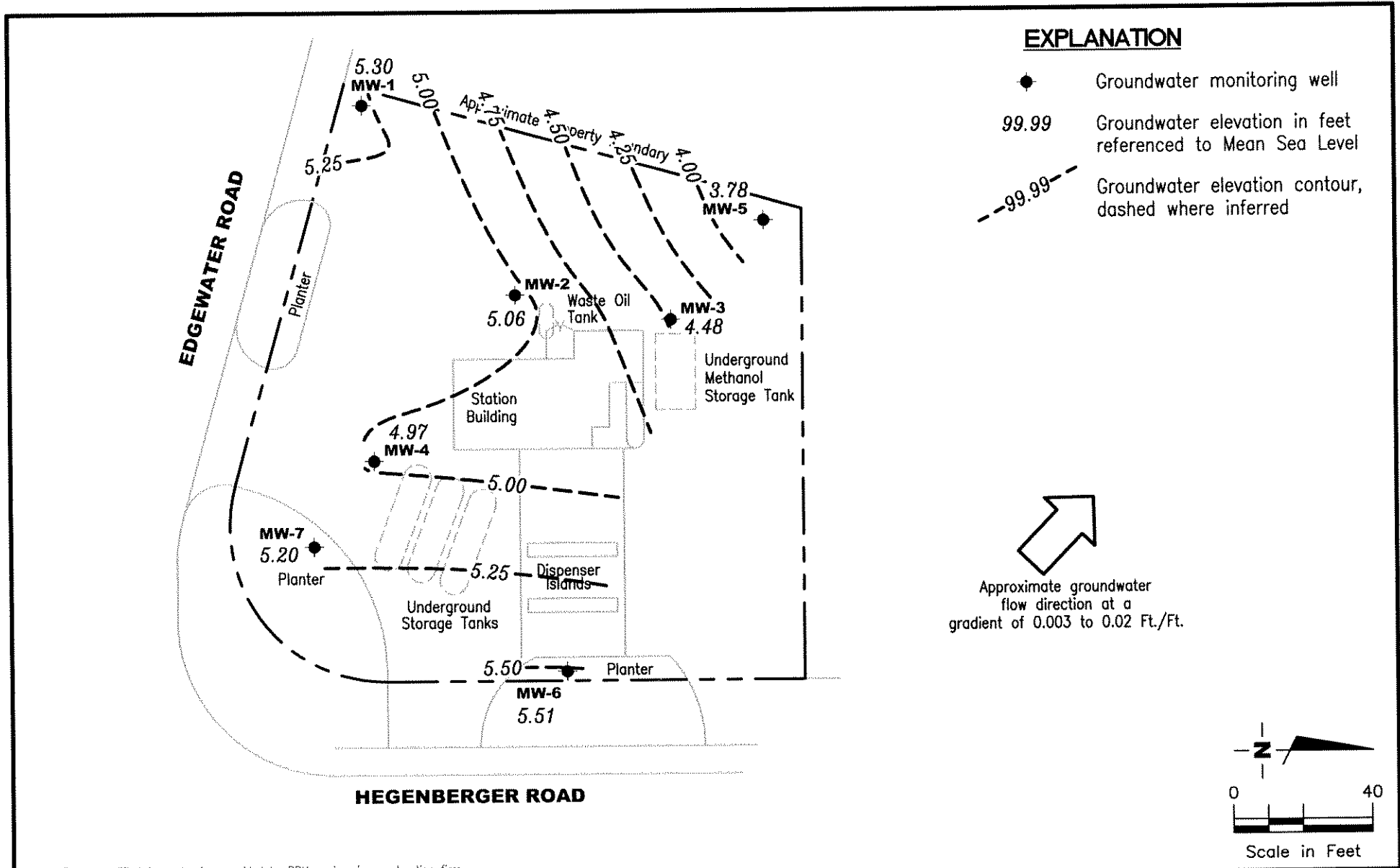


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Table 3: Groundwater Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and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



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

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

POTENTIOMETRIC MAP
 Chevron Service Station #9-1851
 451 Hegenberger Road
 Oakland, California

FIGURE
1

PROJECT NUMBER
 385145

REVIEWED BY

DATE
 December 7, 2007

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
				SPHT (ft.)	Removed (gallons)							
MW-1												
10/17/95	2.61	-1.51	4.12	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/96	2.61	-0.72	3.33	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	9.5
06/26/96	2.61	-1.23	3.84	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	46
09/25/96	2.61	-1.41	4.02	0.00	0.00	--	<250	<2.5	<2.5	<2.5	<2.5	940
12/17/96	2.61	-0.96	3.57	0.00	0.00	--	<50	0.9	<0.5	<0.5	<0.5	260
03/20/97	2.61	-1.54	4.15	0.00	0.00	--	<50	<2.0	<2.0	<2.0	<2.0	76
06/20/97	2.61	-1.72	4.33	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	64
09/09/97	2.61	-1.74	4.35	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	110
12/12/97	2.61	-0.39	3.00	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	27
02/19/98	2.61	0.78	1.83	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	14
06/23/98	2.61	-0.73	3.34	0.00	0.00	--	210	<0.5	<0.5	<0.5	<0.5	3,400
08/31/98	2.61	-0.88	3.49	0.00	0.00	--	1,400	630	<5.0	<5.0	<5.0	16,000
12/29/98	2.61	-1.22	3.83	0.00	0.00	--	<500	<5.0	<5.0	<5.0	<5.0	1,090
03/11/99	2.61	-0.43	3.04	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	33.9
06/24/99	2.61	-0.77	3.38	0.00	0.00	--	<500	65.7	<5.0	<5.0	<5.0	1,160
09/29/99	2.61	-1.01	3.62	0.00	0.00	--	81.7	<0.5	<0.5	<0.5	<0.5	1,130
12/08/99	2.61	-1.46	4.07	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	233
03/01/00	2.61	0.66	1.95	0.00	0.00	--	100	<0.5	<0.5	<0.5	<0.5	37.9
06/19/00	2.61	-0.80	3.41	0.00	0.00	--	<50	3.8	<0.50	<0.50	<0.50	88/91 ²
09/30/00	2.61	-1.23	3.84	0.00	0.00	--	<130	<1.3	<1.3	<1.3	<1.3	460/530 ²
10/05/00	2.61	-1.32	3.93	0.00	0.00	--	--	--	--	--	--	--
12/08/00	8.61	4.41	4.20	0.00	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	58.7
03/03/01 ¹¹	8.61	6.30	2.31	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	8.9
06/19/01	8.61	5.27	3.34	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	51
09/05/01	8.61	4.84	3.77	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	180
12/10/01	8.61	6.14	2.47	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	21
03/04/02	8.61	5.48	3.13	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	47
06/03/02	8.61	2.90	5.71	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	31
09/14/02	8.61	4.86	3.75	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	140
12/13/02	8.61	5.32	3.29	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/14/03	8.61	5.54	3.07	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	35
06/09/03 ¹³	8.61	5.09	3.52	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	69
09/03/03 ¹³	8.61	4.49	4.12	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	1
12/01/03 ¹³	8.61	5.34	3.27	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	100
03/01/04 ¹³	8.61	6.55	2.06	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	26
06/02/04 ¹³	8.61	5.31	3.30	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	93

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
				SPHT (ft.)	Removed (gallons)							
MW-1 (cont)												
09/03/04 ¹³	8.61	4.47	4.14	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	140
12/20/04 ¹³	8.61	4.99	3.62	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	37
03/12/05 ¹³	8.61	5.57	3.04	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	130
06/28/05 ¹³	8.61	5.33	3.28	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	93
09/01/05 ¹³	8.61	5.03	3.58	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	59
12/01/05 ¹³	8.61	5.56	3.05	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	62
03/04/06 ¹³	8.61	5.30	3.31	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	88
06/01/06 ¹³	8.61	5.17	3.44	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	36
09/01/06 ¹³	8.61	5.62	2.99	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	18
12/15/06 ¹³	8.61	5.70	2.91	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	8
03/15/07 ¹³	8.61	5.18	3.43	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	17
06/15/07 ¹³	8.61	4.94	3.67	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	8
09/06/07 ¹³	8.61	5.19	3.42	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	3
12/07/07¹³	8.61	5.30	3.31	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	7
MW-2												
10/17/95 ³	3.51	-1.82	5.33	0.00	0.00	1,600 ⁴	170	3.5	<0.5	1.0	6.1	--
03/29/96	3.51	-0.44	3.95	0.00	0.00	3,000 ⁴	89	4.7	<0.5	0.64	0.74	21
06/26/96	3.51	-1.09	4.60	0.00	0.00	2,000 ⁴	80	8.7	<0.5	1.2	1.3	31
09/25/96	3.51	INACCESSIBLE		--	--	--	--	--	--	--	--	--
12/17/96	3.51	-0.41	3.92	0.00	0.00	2,400 ⁴	110	<0.5	<0.5	0.75	2.1	27
03/20/97	3.51	-1.32	4.83	0.00	0.00	3,400 ⁴	140	8.2	<2.0	<2.0	<2.0	58
06/20/97	3.51	-1.53	5.04	0.00	0.00	1,600 ⁴	62	7.7	<0.5	<0.5	<0.5	38
09/09/97	3.51	-1.47	4.98	0.00	0.00	82 ⁴	190	9.4	<0.5	<0.5	0.86	48
12/12/97	3.51	-0.40	3.91	0.00	0.00	8,500 ⁴	180	1.8	<0.5	<0.5	3.2	34
02/19/98	3.51	0.55	2.96	0.00	0.00	3,800 ⁴	<100	1.8	<1.0	<1.0	<1.0	230
06/23/98	3.51	-0.54	4.05	0.00	0.00	--	60	<0.5	<0.5	<0.5	<0.5	55
08/31/98	3.51	-0.80	4.31	0.00	0.00	--	61	2.2	<0.5	<0.5	1.1	53
12/29/98	3.51	-1.12	4.63	0.00	0.00	--	54	1.3	<0.5	<0.5	0.752	38.1
03/11/99	3.51	-0.01	3.52	0.00	0.00	--	648	2.9	<2.0	<2.0	<2.0	73.2
06/24/99	3.51	-0.49	4.00	0.00	0.00	--	264	.58	<0.5	1.01	<0.5	44.1
09/29/99	3.51	-0.93	4.44	0.00	0.00	--	54.3	.66	<0.5	<0.5	<0.5	35.7
12/08/99	3.51	-1.38	4.89	0.00	0.00	--	<50	1.27	<0.5	<0.5	<0.5	56.9
03/01/00	3.51	0.48	3.03	0.00	0.00	--	68	1.57	<0.5	<0.5	<0.5	110
06/19/00	3.51	-0.66	4.17	0.00	0.00	--	58 ¹	1.5	<0.50	<0.50	<0.50	90/59 ²
09/30/00	3.51	-1.15	4.66	0.00	0.00	--	<50	<0.50	0.82	<0.50	1.1	48/50 ²

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
				SPHT (ft.)	Removed (gallons)							
MW-2 (cont)												
10/05/00 ^{8,9}	3.51	-1.20	4.71	0.00	0.00	4,000 ⁷	--	--	--	--	--	--
12/08/00	9.52	4.55	4.97	0.00	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	61.8
03/03/01 ¹¹	9.52	6.25	3.27	0.00	0.00	--	310 ¹²	0.60	<0.50	<0.50	1.3	97
06/19/01	9.52	5.47	4.05	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	30
09/05/01	9.52	4.98	4.54	0.00	0.00	--	<50	<0.50	1.2	<0.50	<1.5	46
12/10/01	9.52	6.07	3.45	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	22
03/04/02	9.52	5.58	3.94	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	61
06/03/02	9.52	5.44	4.08	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	71
09/14/02	9.52	4.87	4.65	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	77
12/13/02	9.52	5.21	4.31	0.00	0.00	--	53	<0.50	<0.50	<0.50	<1.5	44
03/14/03	9.52	5.61	3.91	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	55
06/09/03 ¹³	9.52	5.19	4.33	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	67
09/03/03 ¹³	9.52	4.59	4.93	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	0.9
12/01/03 ¹³	9.52	5.37	4.15	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	72
03/01/04 ¹³	9.52	6.40	3.12	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	130
06/02/04 ¹³	9.52	5.31	4.21	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	46
09/03/04 ¹³	9.52	5.38	4.14	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	69
12/20/04	9.52	4.96**	4.60	0.05	0.01 ¹⁴	NOT SAMPLED DUE TO THE PERSENCE OF SPH				--	--	--
03/12/05 ¹³	9.52	5.62	3.90	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	57
06/28/05 ¹³	9.52	5.46	4.06	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	6
09/01/05	9.52	5.03**	4.52	0.04	1.10 ¹⁴	NOT SAMPLED DUE TO THE PERSENCE OF SPH				--	--	--
12/01/05 ¹³	9.52	5.51	4.01	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	3
03/04/06 ¹³	9.52	5.25	4.27	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	14
06/01/06 ¹³	9.52	5.12	4.40	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	35
09/01/06 ¹³	9.52	5.62	3.90	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	31
12/15/06 ¹³	9.52	5.64	3.88	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	25
03/15/07 ¹³	9.52	5.25	4.27	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	15
06/15/07 ¹⁶	9.52	5.03	4.49	0.00	0.00	NOT SAMPLED DUE TO THE PERSENCE OF SPH				--	--	--
09/06/07 ¹³	9.52	5.20	4.32	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	43
12/07/07 ¹³	9.52	5.06	4.46	0.00	0.00	--	<250 ¹⁷	<0.5	<0.5	<0.5	<0.5	28
MW-3												
10/17/95 ⁵	3.08	-1.34	4.42	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/29/96	3.08	0.08	3.00	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	26
06/26/96	3.08	-0.52	3.60	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	47
09/25/96	3.08	-1.06	4.14	0.00	0.00	--	<125	<1.2	<1.2	<1.2	<1.2	570

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-C (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)								
MW-3 (cont)													
12/17/96	3.08	-0.12	3.20	0.00	0.00	--	<500	<5.0	<5.0	<5.0	<5.0	<5.0	680
03/20/97	3.08	-0.22	3.30	0.00	0.00	--	<50	<5.7	<5.7	<5.7	<5.7	<5.7	430
06/20/97	3.08	-0.78	3.86	0.00	0.00	--	<500	<5.0	<5.0	<5.0	<5.0	<5.0	1,400
09/09/97	3.08	-1.11	4.19	0.00	0.00	--	76 ⁴	22	<0.5	<0.5	<0.5	<0.5	920
12/12/97	3.08	0.12	2.96	0.00	0.00	--	52	15	<0.5	<0.5	<0.5	<0.5	710
02/19/98	3.08	0.86	2.22	0.00	0.00	--	<50	6.6	<0.5	<0.5	<0.5	<0.5	380
06/23/98	3.08	-0.17	3.25	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	390
08/31/98	3.08	-0.78	3.86	0.00	0.00	--	<50	19	<0.5	<0.5	<0.5	<0.5	830
12/29/98	3.08	-0.45	3.53	0.00	0.00	--	<250	<2.5	<2.5	<2.5	<2.5	<2.5	416
03/11/99	3.08	-0.27	3.35	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	262
06/24/99	3.08	-0.53	3.61	0.00	0.00	--	<50	12.8	<0.5	<0.5	<0.5	<0.5	620
09/29/99	3.08	-0.87	3.95	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	2,840
12/08/99	3.08	-0.46	3.54	0.00	0.00	--	73.4	<0.5	<0.5	<0.5	<0.5	<0.5	1,620
03/01/00	3.08	0.65	2.43	0.00	0.00	--	<200	<2.0	<2.0	<2.0	<2.0	<2.0	1,880
06/19/00	3.08	-0.30	3.38	0.00	0.00	--	<250	20	<2.5	<2.5	<2.5	<2.5	1,200/920 ²
09/30/00	3.08	-0.92	4.00	0.00	0.00	--	<250	<2.5	<2.5	<2.5	<2.5	<2.5	730/2,100 ²
10/05/00	3.08	-0.94	4.02	0.00	0.00	--	--	--	--	--	--	--	--
12/08/00	9.08	5.38	3.70	0.00	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	1,620
03/03/01 ¹¹	9.08	6.84	2.24	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1,000
06/19/01	9.08	5.37	3.71	0.00	0.00	--	<120	4.8	<1.2	<1.2	<1.2	<1.2	510
09/05/01	9.08	5.04	4.04	0.00	0.00	--	130	<0.50	<0.50	<0.50	<0.50	<1.5	1,400
12/10/01	9.08	6.54	2.54	0.00	0.00	--	130	<0.50	<0.50	<0.50	<0.50	<1.5	1,000
03/04/02	9.08	6.24	2.84	0.00	0.00	--	120	<0.50	<0.50	<0.50	<0.50	<1.5	720
06/03/02	9.08	5.80	3.28	0.00	0.00	--	130	<0.50	<0.50	<0.50	<0.50	<1.5	710
09/14/02	9.08	4.93	4.15	0.00	0.00	--	590	<20	<1.0	<1.0	<1.0	<3.0	2,600
12/13/02	9.08	5.23	3.85	0.00	0.00	--	430	<0.50	<0.50	<0.50	<0.50	<1.5	2,000
03/14/03	9.08	6.09	2.99	0.00	0.00	--	310	<0.50	<0.50	<0.50	<0.50	<1.5	1,600
06/09/03 ¹³	9.08	5.74	3.34	0.00	0.00	--	330	<0.5	<0.5	<0.5	<0.5	<0.5	1,800
09/03/03 ¹³	9.08	5.11	3.97	0.00	0.00	--	720	<3	<3	<3	<3	<3	4,100
12/01/03 ¹³	9.08	5.32	3.76	0.00	0.00	--	520	<1	<1	<1	<1	<1	2,400
03/01/04 ¹³	9.08	6.97	2.11	0.00	0.00	--	140	<0.5	<0.5	<0.5	<0.5	<0.5	850
06/02/04 ¹³	9.08	5.43	3.65	0.00	0.00	--	220	<0.5	<0.5	<0.5	<0.5	<0.5	1,500
09/03/04 ¹³	9.08	4.07	5.01	0.00	0.00	--	300	<1	<1	<1	<1	<1	1,800
12/20/04 ¹³	9.08	4.23	4.85	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	86
03/12/05 ¹³	9.08	4.69	4.39	0.00	0.00	--	<50	0.6	<0.5	<0.5	<0.5	<0.5	110
06/28/05 ¹³	9.08	4.52	4.56	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	23

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WELL ID/ DATE	TOC ³ (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)								
MW-3 (cont)													
09/01/05 ¹³	9.08	4.41	4.67	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	47
12/01/05 ¹³	9.08	4.65	4.43	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	19
03/04/06 ¹³	9.08	4.76	4.32	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	36
06/01/06 ¹³	9.08	4.56	4.52	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	29
09/01/06 ¹³	9.08	4.42	4.66	0.00	0.00	--	75	<0.5	<0.5	<0.5	<0.5	<0.5	29
12/15/06 ¹³	9.08	5.01	4.07	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	14
03/15/07 ¹³	9.08	4.82	4.26	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	24
06/15/07 ¹³	9.08	4.46	4.62	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	18
09/06/07 ¹³	9.08	4.38	4.70	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	14
12/07/07¹³	9.08	4.48	4.60	0.00	0.00	--	<250¹⁷	<0.5	<0.5	<0.5	<0.5	<0.5	16
MW-4													
10/17/95	3.48	-1.60	5.08	0.00	0.00	--	<125	<1.2	<1.2	<1.2	<1.2	<1.2	--
03/29/96	3.48	-1.13	4.61	0.00	0.00	--	<1,000	<10	<10	<10	<10	<10	6,700
06/26/96	3.48	-0.82	4.30	0.00	0.00	--	<2,000	<20	<20	<20	<20	<20	7,200
09/25/96	3.48	-1.85	5.33	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
12/17/96	3.48	0.67	2.81	0.00	0.00	--	<2,000	120	<20	<20	<20	<20	11,000
03/20/97	3.48	-1.02	4.50	0.00	0.00	--	250 ⁴	<2.0	<2.0	<2.0	<2.0	<2.0	10,000/8,600 ⁶
06/20/97	3.48	-2.20	5.68	0.00	0.00	--	<2,500	<25	<25	<25	<25	<25	9,300
09/09/97	3.48	-2.02	5.50	0.00	0.00	--	460 ⁴	<0.5	<0.5	<0.5	<0.5	<0.5	6,600
12/12/97	3.48	-1.55	5.03	0.00	0.00	--	430 ⁴	120	<2.5	<2.5	<2.5	<2.5	7,800
02/19/98	3.48	0.13	3.35	0.00	0.00	--	510 ⁴	130	<0.5	<0.5	<0.5	<0.5	6,600
06/23/98	3.48	-1.50	4.98	0.00	0.00	--	550 ⁴	<0.5	<0.5	<0.5	<0.5	<0.5	6,800
08/31/98	3.48	-1.94	5.42	0.00	0.00	--	<500	450	<5.0	<5.0	<5.0	<5.0	14,000
12/29/98	3.48	-1.58	5.06	0.00	0.00	--	<5,000	<50	<50	<50	<50	<50	16,100
03/11/99	3.48	-0.30	3.78	0.00	0.00	--	979	<5.0	<5.0	<5.0	<5.0	<5.0	15,100
06/24/99	3.48	-0.83	4.31	0.00	0.00	--	<2,500	715	<25	<25	<25	<25	12,400
09/29/99	3.48	-2.10	5.58	0.00	0.00	--	1,380	<5.0	<5.0	<5.0	<5.0	<5.0	11,700
12/08/99	3.48	-1.85	5.33	0.00	0.00	--	318	<0.5	<0.5	<0.5	<0.5	<0.5	11,100
03/01/00	3.48	-1.72	5.20	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	9,940
06/19/00	3.48	-1.88	5.36	0.00	0.00	--	<1,000	220	<10	<10	<10	<10	7,300/9,500 ²
09/30/00	3.48	-0.29	3.77	0.00	0.00	--	740 ¹	<2.5	<2.5	<2.5	<2.5	<2.5	6,000/7,800 ²
10/05/00	3.48	-0.38	3.86	0.00	0.00	--	--	--	--	--	--	--	--
12/08/00	9.48	5.03	4.45	0.00	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	6,230
03/03/01 ¹¹	9.48	5.65	3.83	0.00	0.00	--	<250	<2.5	<2.5	<2.5	<2.5	<2.5	3,600
06/19/01	9.48	6.11	3.37	0.00	0.00	--	<500	140	<5.0	<5.0	<5.0	<5.0	2,500

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH							MTBE (ppb)
					Removed (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
MW-4 (cont)												
09/05/01	9.48	5.52	3.96	0.00	0.00	--	400	<0.50	<0.50	<0.50	<1.5	2.800
12/10/01	9.48	4.43	5.05	0.00	0.00	--	700	<0.50	<0.50	<0.50	<1.5	3.400
03/04/02	9.48	5.81	3.67	0.00	0.00	--	660	<0.50	<0.50	<0.50	<1.5	2.900
06/03/02	9.48	4.24	5.24	0.00	0.00	--	610	<0.50	<0.50	<0.50	<1.5	3.000
09/14/02	9.48	4.26	5.22	0.00	0.00	--	490	<10	<1.0	<1.0	<3.0	2.400
12/13/02	9.48	4.81	4.67	0.00	0.00	--	440	<0.50	<0.50	<0.50	<1.5	2.200
03/14/03	9.48	4.84	4.64	0.00	0.00	--	490	<0.50	<0.50	<0.50	<1.5	2.600
06/09/03 ¹³	9.48	4.45	5.03	0.00	0.00	--	340	<0.5	<0.5	<0.5	<0.5	1.700
09/03/03 ¹³	9.48	3.83	5.65	0.00	0.00	--	320	<1	<1	<1	<1	1.600
12/01/03 ¹³	9.48	4.51	4.97	0.00	0.00	--	350	<1	<1	<1	<1	1.700
03/01/04 ¹³	9.48	4.80	4.68	0.00	0.00	--	240	<0.5	<0.5	<0.5	<0.5	1.200
06/02/04 ¹³	9.48	4.55	4.93	0.00	0.00	--	240	<0.5	<0.5	<0.5	<0.5	1.600
09/03/04 ¹³	9.48	4.49	4.99	0.00	0.00	--	270	<1	<1	<1	<1	1.500
12/20/04 ¹³	9.48	5.30	4.18	0.00	0.00	--	230	<3	<3	<3	<3	1.900
03/12/05 ¹³	9.48	4.16	5.32	0.00	0.00	--	180	<1	<1	<1	<1	1,200
06/28/05 ¹³	9.48	4.22	5.26	0.00	0.00	--	180	<0.5	<0.5	<0.5	<0.5	920
09/01/05 ¹³	9.48	4.57	4.91	0.00	0.00	--	250	<1	<1	<1	<1	1,500
12/01/05 ¹³	9.48	4.60	4.88	0.00	0.00	--	61	<0.5	<0.5	<0.5	<0.5	260
03/04/06 ¹³	9.48	4.46	5.02	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	80
06/01/06 ¹³	9.48	5.25	4.23	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	51
09/01/06 ¹³	9.48	4.12	5.36	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	29
12/15/06 ¹³	9.48	4.54	4.94	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	19
03/15/07 ¹³	9.48	4.46	5.02	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	18
06/15/07 ¹³	9.48	4.48	5.00	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	16
09/06/07 ¹³	9.48	4.51	4.97	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	9
12/07/07¹³	9.48	4.97	4.51	0.00	0.00	--	<250¹⁷	<0.5	<0.5	<0.5	<0.5	15
MW-5												
10/23/00 ¹⁰	8.77	4.18	4.59	0.00	0.00	--	<50	<0.500	<0.500	<0.500	<0.500	4.34
12/08/00	8.77	5.34	3.43	0.00	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	11.0
03/03/01 ¹¹	8.77	6.37	2.40	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	24
06/19/01	8.77	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--	--
09/05/01	8.77	5.02	3.75	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	31
12/10/01	8.77	5.98	2.79	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	45
03/04/02	8.77	6.25	2.52	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	29
06/03/02	8.77	5.57	3.20	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	40

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					Removed (gallons)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	
MW-5 (cont)												
09/14/02	8.77	4.92	3.85	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	92
12/13/02	8.77	5.32	3.45	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	32
03/14/03	8.77	5.82	2.95	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	71
06/09/03 ¹³	8.77	5.58	3.19	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	79
09/03/03 ¹³	8.77	4.98	3.79	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	2
12/01/03 ¹³	8.77	5.43	3.34	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	52
03/01/04 ¹³	8.77	6.29	2.48	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	120
06/02/04 ¹³	8.77	5.66	3.11	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	110
09/03/04 ¹³	8.77	3.66	5.11	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	80
12/20/04 ¹³	8.77	3.67	5.10	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	62
03/12/05 ¹³	8.77	4.06	4.71	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	58
06/28/05 ¹³	8.77	3.84	4.93	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	64
09/01/05 ¹³	8.77	3.85	4.92	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	61
12/01/05 ¹³	8.77	3.96	4.81	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	50
03/04/06 ¹³	8.77	3.99	4.78	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	49
06/01/06 ¹³	8.77	3.88	4.89	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	38
09/01/06 ¹³	8.77	3.83	4.94	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	32
12/15/06 ¹³	8.77	4.09	4.68	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	26
03/15/07 ¹³	8.77	3.89	4.88	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	23
06/15/07 ¹³	8.77	3.90	4.87	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	22
09/06/07 ¹³	8.77	4.00	4.77	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	17
12/07/07¹³	8.77	3.78	4.99	0.00	0.00	--	<250¹⁷	<0.5	<0.5	<0.5	<0.5	22
MW-6												
10/23/00 ¹⁰	11.45	4.30	7.15	0.00	0.00	--	<50	<0.500	<0.500	<0.500	<0.500	5.96
12/08/00	11.45	4.61	6.84	0.00	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	8.80
03/03/01 ¹¹	11.45	5.32	6.13	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	9.0
06/19/01	11.45	5.65	5.80	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/05/01	11.45	6.29	5.16	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/10/01	11.45	6.64	4.81	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/04/02	11.45	7.29	4.16	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/03/02	11.45	5.74	5.71	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/14/02	11.45	4.80	6.65	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/13/02	11.45	5.06	6.39	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/14/03	11.45	4.98	6.47	0.00	0.00	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/09/03 ¹³	11.45	4.67	6.78	0.00	0.00	--	<50	<0.5	0.7	<0.5	<0.5	1

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)								
MW-6 (cont)													
09/03/03 ¹³	11.45	4.37	7.08	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.8
12/01/03 ¹³	11.45	7.88	3.57	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
03/01/04 ¹³	11.45	8.27	3.18	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	25
06/02/04 ¹³	11.45	7.95	3.50	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
09/03/04 ¹³	11.45	9.28	2.17	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.6
12/20/04 ¹³	11.45	5.42	6.03	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.6
03/12/05 ¹³	11.45	6.40	5.05	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/28/05 ¹³	11.45	9.09	2.36	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
09/01/05 ¹³	11.45	8.58	2.87	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1
12/01/05 ¹³	11.45	8.55	2.90	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
03/04/06 ¹³	11.45	7.74	3.71	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/06 ¹³	11.45	8.88	2.57	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
09/01/06 ¹³	11.45	9.09	2.36	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	1
12/15/06 ¹³	11.45	8.29	3.16	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/07 ¹³	11.45	9.03	2.42	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/07 ¹³	11.45	8.13	3.32	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
09/06/07 ¹³	11.45	6.04	5.41	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.6
12/07/07 ¹³	11.45	5.51	5.94	0.00	0.00	--	<250 ¹⁷	<0.5	<0.5	<0.5	<0.5	<0.5	1
MW-7													
10/23/00 ¹⁰	10.58	4.33	6.25	0.00	0.00	--	<50	<0.500	<0.500	<0.500	<0.500	<0.500	1.210
12/08/00	10.58	3.35	7.23	0.00	0.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500	338
03/03/01 ¹¹	10.58	4.31	6.27	0.00	0.00	--	72 ¹²	<0.50	<0.50	<0.50	<0.50	<0.50	460
06/19/01	10.58	4.76	5.82	0.00	0.00	--	110 ¹	18	<0.50	<0.50	<0.50	<0.50	440
09/05/01	10.58	4.04	6.54	0.00	0.00	--	180	<0.50	<0.50	<0.50	<1.5	<1.5	640
12/10/01	10.58	5.04	5.54	0.00	0.00	--	110	<0.50	<0.50	<0.50	<1.5	<1.5	390
03/04/02	10.58	3.68	6.90	0.00	0.00	--	220	1.1	<0.50	3.0	<1.5	<1.5	460
06/03/02	10.58	4.94	5.64	0.00	0.00	--	130	<0.50	<0.50	<0.50	<1.5	<1.5	350
09/14/02	10.58	3.55	7.03	0.00	0.00	--	120	<2.0	<0.50	<0.50	<1.5	<1.5	340
12/13/02	10.58	4.99	5.59	0.00	0.00	--	57	<0.50	<0.50	<0.50	<1.5	<1.5	150
03/14/03	10.58	4.60	5.98	0.00	0.00	--	77	<0.50	<0.50	<0.50	<1.5	<1.5	240
06/09/03 ¹³	10.58	4.32	6.26	0.00	0.00	--	79	<0.5	<0.5	<0.5	<0.5	<0.5	210
09/03/03 ¹³	10.58	3.72	6.86	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.8
12/01/03 ¹³	10.58	5.11	5.47	0.00	0.00	--	58	<0.5	<0.5	<0.5	<0.5	<0.5	130
03/01/04 ¹³	10.58	4.60	5.98	0.00	0.00	--	71	<0.5	<0.5	<0.5	<0.5	<0.5	180
06/02/04 ¹³	10.58	5.77	4.81	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	87

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)								
MW-7 (cont)													
09/03/04 ¹³	10.58	4.16	6.42	0.00	0.00	--	55	<0.5	<0.5	<0.5	<0.5	<0.5	140
12/20/04 ¹³	10.58	4.36	6.22	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	130
03/12/05 ¹³	10.58	4.79	5.79	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	110
06/28/05 ¹³	10.58	5.96	4.62	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	30
09/01/05 ¹³	10.58	5.80	4.78	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	70
12/01/05 ¹³	10.58	6.57	4.01	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	35
03/04/06 ¹³	10.58	4.69	5.89	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	49
06/01/06 ¹³	10.58	5.48	5.10	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	35
09/01/06 ¹³	10.58	5.27	5.31	0.00	0.00	--	<50	0.5	5	<0.5	5	<0.5	17
12/15/06 ¹³	10.58	4.69	5.89	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	20
03/15/07 ¹³	10.58	4.91	5.67	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	19
06/15/07 ¹³	10.58	5.53	5.05	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	12
09/06/07 ¹³	10.58	5.16	5.42	0.00	0.00	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	14
12/07/07 ¹³	10.58	5.20	5.38	0.00	0.00	--	<250 ¹⁷	<0.5	<0.5	<0.5	<0.5	<0.5	8
TRIP BLANK													
10/17/95	--	--	--	--	--	--	--	--	--	--	--	--	--
03/29/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/26/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
09/25/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
12/17/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
03/20/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
06/20/97	--	--	--	--	--	--	<50	<2.0	<2.0	<2.0	<2.0	<2.0	--
09/09/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
12/12/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
02/19/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
06/23/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
08/31/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
12/29/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.0
03/11/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
06/24/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
09/29/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
12/08/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0
03/01/00	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<2.5
06/19/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5
09/30/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5

Table 1
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Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH		TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
					Removed (gallons)								
TRIP BLANK (cont)													
10/05/00	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/08/00	--	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
03/03/01 ¹¹	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
06/19/01	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
09/05/01	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA													
12/10/01	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/04/02	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/03/02	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/14/02	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/13/02	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/14/03	--	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/09/03 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/03/03 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/01/03 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/01/04 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/02/04 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/03/04 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/20/04 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/12/05 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/28/05 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/01/05 ¹³	--	--	--	--	--	--	--	<50	<0.5	3 ¹⁵	<0.5	2 ¹⁵	<0.5
12/01/05 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/04/06 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/01/06 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/01/06 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/06 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/15/07 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/15/07 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/06/07 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/07/07 ¹³	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
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Chevron Service Station #9-1851
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Oakland, California

EXPLANATIONS:

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

TOC = Top of Casing	DTW = Depth to Water	
(ft.) = Feet	TPH-D = Total Petroleum Hydrocarbons as Diesel	X = Xylenes
GWE = Groundwater Elevation	TPH-G = Total Petroleum Hydrocarbons as Gasoline	MTBE = Methyl tertiary butyl ether
SPHT = Separate Phase Hydrocarbon Thickness	B = Benzene	(ppb) = Parts per billion
SPH = Separate Phase Hydrocarbons	T = Toluene	-- = Not Measured/Not Analyzed
(msl) = Mean sea level	E = Ethylbenzene	QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed on November 15, 2000, by Virgil Chavez Land Surveying. The benchmark for the survey was the letter "O" in Oakland on an inlet in the westerly curb of Oakport Road, 150' southerly of the end of curve. (Benchmark Elevation = 7.82 feet, msl).

** GWE was corrected for the presence of SPH: correction factor: $\{(TOC - DTW) + (SPHT \times 0.80)\}$.

¹ Laboratory report indicates gasoline C6-C12.

² MTBE by EPA Method 8260.

³ Results of EPA 8010 test indicates that the detection of 1,1-Dichloroethane (1,1-DCA) was detected at 1.7 ppb.

⁴ Chromatogram pattern indicates an unidentified hydrocarbon.

⁵ Results of EPA 8015 test indicates that levels of Methanol and Methyl ethyl ketone are respectively <1000 and <200 ppb.

⁶ Confirmation run.

⁷ Laboratory report indicates unidentified hydrocarbons >C16.

⁸ Sample analyzed for Total Metals by EPA 200 Series Methods. All Analytes were less then the reporting limit except for Nickel was detected at 0.067 ppm and Zinc was detected at 0.024ppm.

⁹ Laboratory report indicates that Semi-Volatile Organic Compounds (SVOCs) by EPA Method 8270 were all less then the reporting limit except for Bis(2-ethylhexyl)phthalate was detected at 14 ppb, which may be a possible contamination.

¹⁰ Data was provided by Delta Environmental Consultants, Inc.

¹¹ Laboratory report indicates sample was analyzed outside the EPA recommended holding time.

¹² Laboratory report indicates unidentified hydrocarbons C6-C12.

¹³ BTEX and MTBE by EPA Method 8260.

¹⁴ Product + Water removed.

¹⁵ Analytical result confirmed.

¹⁶ Probe did not detect SPH but was covered with product: SPH was confirmed with bailer.

¹⁷ Laboratory report indicates due to excessive foaming of the sample, normal reporting limits were not attained.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-1						
06/23/98	<50.000	<10.000	4,500	<200	<200	<200
08/31/98	--	--	17,000	--	--	--
03/11/99	--	--	54.1	--	--	--
06/24/99	<10.000	<2,000	1,800	<20	<20	258
06/19/00	<500	<100	91	<2.0	<2.0	11
09/30/00	--	--	530	--	--	--
06/09/03	--	--	69	--	--	--
09/03/03	<50	--	1	--	--	--
12/01/03	<50	--	100	--	--	--
03/01/04	<50	--	26	--	--	--
06/02/04	<50	--	93	--	--	--
09/03/04	<50	--	140	--	--	--
12/20/04	<50	--	37	--	--	--
03/12/05	<50	--	130	--	--	--
06/28/05	<50	--	93	--	--	--
09/01/05	<50	--	59	--	--	--
12/01/05	<50	--	62	--	--	--
03/04/06	<50	--	88	--	--	--
06/01/06	<50	--	36	--	--	--
09/01/06	<50	--	18	--	--	--
12/15/06	<50	--	8	--	--	--
03/15/07	<50	--	17	--	--	--
06/15/07	<50	--	8	--	--	--
09/06/07	<50	--	3	--	--	--
12/07/07	<50	--	7	--	--	--
MW-2						
06/23/98	<500	<100	56	<2.0	<2.0	<2.0
03/11/99	--	--	101	--	--	--
06/24/99	<1,000	<200	52.5	<2.0	<2.0	<2.0
06/19/00	<500	<100	59	<2.0	<2.0	4.0
09/30/00	--	--	50	--	--	--
06/09/03	--	--	67	--	--	--
09/03/03	<50	--	0.9	--	--	--
12/01/03	<50	--	72	--	--	--

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Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-2 (cont)						
03/01/04	<50	--	130	--	--	--
06/02/04	<50	--	46	--	--	--
09/03/04	<50	--	69	--	--	--
12/20/04	NOT SAMPLED DUE TO THE PERSENCE OF SPH					
03/12/05	<50	--	57	--	--	--
06/28/05	<50	--	6	--	--	--
09/01/05	NOT SAMPLED DUE TO THE PERSENCE OF SPH					
12/01/05	<50	--	3	--	--	--
03/04/06	<50	--	14	--	--	--
06/01/06	<50	--	35	--	--	--
09/01/06	<50	--	31	--	--	--
12/15/06	<50	--	25	--	--	--
03/15/07	<50	--	15	--	--	--
06/15/07	NOT SAMPLED DUE TO THE PERSENCE OF SPH					
09/06/07	<50	--	43	--	--	--
12/07/07	<50	--	28	--	--	--
MW-3						
06/23/98	<5,000	<1,000	420	<20	<20	26
03/11/99	--	--	580	--	--	--
06/24/99	<6,670	<1,330	900	<13.3	<13.3	<13.3
06/19/00	570	<100	920	<2.0	<2.0	65
09/30/00	--	--	2,100	--	--	--
06/09/03	--	--	1,800	--	--	--
09/03/03	<250	--	4,100	--	--	--
12/01/03	<130	--	2,400	--	--	--
03/01/04	<50	--	850	--	--	--
06/02/04	<50	--	1,500	--	--	--
09/03/04	<100	--	1,800	--	--	--
12/20/04	<50	--	86	--	--	--
03/12/05	<50	--	110	--	--	--
06/28/05	<50	--	23	--	--	--
09/01/05	<50	--	47	--	--	--
12/01/05	<50	--	19	--	--	--
03/04/06	<50	--	36	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-3 (cont)						
06/01/06	<50	--	29	--	--	--
09/01/06	<50	--	29	--	--	--
12/15/06	<50	--	14	--	--	--
03/15/07	<50	--	24	--	--	--
06/15/07	<50	--	18	--	--	--
09/06/07	<50	--	14	--	--	--
12/07/07	<50	--	16	--	--	--
MW-4						
06/23/98	<50,000	<10,000	11,000	<200	<200	860
03/11/99	--	--	17,600	--	--	--
06/24/99	<125,000	<25,000	17,000	<250	<250	2600
06/19/00	<25,000	<5,000	9,500	<100	<100	1,100
09/30/00	--	--	7,800	--	--	--
06/09/03	--	--	1,700	--	--	--
09/03/03	<130	--	1,600	--	--	--
12/01/03	<100	--	1,700	--	--	--
03/01/04	<50	--	1,200	--	--	--
06/02/04	<50	--	1,600	--	--	--
09/03/04	<100	--	1,500	--	--	--
12/20/04	<250	--	1,900	--	--	--
03/12/05	<100	--	1,200	--	--	--
06/28/05	<50	--	920	--	--	--
09/01/05	<100	--	1,500	--	--	--
12/01/05	<50	--	260	--	--	--
03/04/06	<50	--	80	--	--	--
06/01/06	<50	--	51	--	--	--
09/01/06	<50	--	29	--	--	--
12/15/06	<50	--	19	--	--	--
03/15/07	<50	--	18	--	--	--
06/15/07	<50	--	16	--	--	--
09/06/07	<50	--	9	--	--	--
12/07/07	<50	--	15	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-5						
10/23/00	<1,000	<100	4.34	<2.00	<2.00	<2.00
06/09/03	--	--	79	--	--	--
09/03/03	<50	--	2	--	--	--
12/01/03	<50	--	52	--	--	--
03/01/04	<50	--	120	--	--	--
06/02/04	<50	--	110	--	--	--
09/03/04	<50	--	80	--	--	--
12/20/04	<50	--	62	--	--	--
03/12/05	<50	--	58	--	--	--
06/28/05	<50	--	64	--	--	--
09/01/05	<50	--	61	--	--	--
12/01/05	<50	--	50	--	--	--
03/04/06	<50	--	49	--	--	--
06/01/06	<50	--	38	--	--	--
09/01/06	<50	--	32	--	--	--
12/15/06	<50	--	26	--	--	--
03/15/07	<50	--	23	--	--	--
06/15/07	<50	--	22	--	--	--
09/06/07	<50	--	17	--	--	--
12/07/07	<50	--	22	--	--	--
MW-6						
10/23/00	<1,000	<100	5.96	<2.00	<2.00	<2.00
06/09/03	--	--	1	--	--	--
09/03/03	<50	--	0.8	--	--	--
12/01/03	<50	--	<0.5	--	--	--
03/01/04	<50	--	25	--	--	--
06/02/04	<50	--	<0.5	--	--	--
09/03/04	<50	--	0.6	--	--	--
12/20/04	<50	--	0.6	--	--	--
03/12/05	<50	--	<0.5	--	--	--
06/28/05	<50	--	<0.5	--	--	--
09/01/05	<50	--	1	--	--	--
12/01/05	<50	--	<0.5	--	--	--
03/04/06	<50	--	<0.5	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-6 (cont)						
06/01/06	<50	--	<0.5	--	--	--
09/01/06	<50	--	1	--	--	--
12/15/06	<50	--	<0.5	--	--	--
03/15/07	<50	--	<0.5	--	--	--
06/15/07	<50	--	<0.5	--	--	--
09/06/07	<50	--	0.6	--	--	--
12/07/07	<50	--	1	--	--	--
MW-7						
10/23/00	<6,670	<667	1,210	13.3	13.3	199
06/09/03	--	--	210	--	--	--
09/03/03	<50	--	0.8	--	--	--
12/01/03	<50	--	130	--	--	--
03/01/04	<50	--	180	--	--	--
06/02/04	<50	--	87	--	--	--
09/03/04	<50	--	140	--	--	--
12/20/04	<50	--	130	--	--	--
03/12/05	<50	--	110	--	--	--
06/28/05	<50	--	30	--	--	--
09/01/05	<50	--	70	--	--	--
12/01/05	<50	--	35	--	--	--
03/04/06	<50	--	49	--	--	--
06/01/06	<50	--	35	--	--	--
09/01/06	<50	--	17	--	--	--
12/15/06	<50	--	20	--	--	--
03/15/07	<50	--	19	--	--	--
06/15/07	<50	--	12	--	--	--
09/06/07	<50	--	14	--	--	--
12/07/07	<50	--	8	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

EXPLANATIONS:

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

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

Table 3
Groundwater Analytical Results
Chevron Service Station #9-1851
451 Hegenberger Road
Oakland, California

WELL ID/ DATE	TOG (ppb)	Benzene by (EPA 8240) (ppb)	Xylene by (EPA 8240) (ppb)	C-1,2- DCE (ppb)	Carbon Disulfide (ppb)	Vinyl Chloride (ppb)
MW-2						
10/17/95	<5,000	--	--	11	--	--
03/29/96	--	11	2.5	17	--	5.4
06/26/96	--	11	<2.0	15	--	12
09/25/96	--	--	--	--	--	--
12/17/96	--	10	<2.0	2.3	--	5.5
03/20/97	--	--	--	<2.0	--	3.2
06/20/97	--	7.2	<2.0	4.6	2.2	5.2
09/09/97	--	11	<2.0	<2.0	<2.0	<2.0
12/12/97	--	<2.0	<2.0	<2.0	<2.0	<2.0
02/19/98	--	<3.3	<3.3	<3.3	<3.3	<3.3

EXPLANATIONS:

Groundwater laboratory analytical results were compiled from reports prepared by Blaine Tech Services, Inc.

TOG = Total Oil and Grease

c-1,2-DCE = cis-1,2-Dichloroethene

(ppb) = Parts per billion

-- = Not Analyzed

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 #9-1851 Job Number: 385145
 Site Address: 451 Hegenberger Road Event Date: 12-7-07 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW-1 Date Monitored: 12-7-07 Well Condition: see well log
 Well Diameter: 2 in.
 Total Depth: 14.65 ft.
 Depth to Water: 3.31 ft.
11.34 xVF .17 = 1.9 x3 case volume = Estimated Purge Volume: 5.7 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

Check if water column is less than 0.50 ft.

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

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 11:21 Weather Conditions: Sunny
 Sample Time/Date: 11:50 / 12-7-07 Water Color: clear Odor: no
 Purging Flow Rate: 5 gpm. Sediment Description: none
 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>11:26</u>	<u>2</u>	<u>7.11</u>	<u>1242</u>	<u>21.3</u>		
<u>11:31</u>	<u>4</u>	<u>7.02</u>	<u>1250</u>	<u>21.1</u>		
<u>11:37</u>	<u>6</u>	<u>6.97</u>	<u>1259</u>	<u>21.2</u>		

LABORATORY INFORMATION

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

COMMENTS: _____
 Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1851
 Site Address: 451 Hegenberger Road
 City: Oakland, CA

Job Number: 385145
 Event Date: 12-7-07 (inclusive)
 Sampler: ML

Well ID: MW-2
 Well Diameter: 2 in.
 Total Depth: 14.95 ft.
 Depth to Water: 4.46 ft.
10.49 xVF .17 = 1.7 x3 case volume = Estimated Purge Volume: 5.1 gal.

Date Monitored: 12-7-07 Well Condition: see notes

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

Check if water column is less than 0.50 ft.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1037 Weather Conditions: Cloudy
 Sample Time/Date: 1105 12-7-07 Water Color: Clear Odor: Yes
 Purging Flow Rate: _____ gpm. Sediment Description: None
 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>1042</u>	<u>2</u>	<u>7.32</u>	<u>2335</u>	<u>19.3</u>	_____	_____
<u>1047</u>	<u>4</u>	<u>7.21</u>	<u>2355</u>	<u>19.1</u>	_____	_____
<u>1051</u>	<u>5.5</u>	<u>7.23</u>	<u>2341</u>	<u>19.1</u>	_____	_____
_____	_____	_____	<u>2335</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>

COMMENTS: HCL closed from bottles because of reaction, samples for MW-2 have a 7-day hold time.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1851 Job Number: 385145
 Site Address: 451 Hegenberger Road Event Date: 12-7-07 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW-3 Date Monitored: 12-7-07 Well Condition: see logs
 Well Diameter: 2 in.
 Total Depth: 14.73 ft.
 Depth to Water: 4.60 ft.
10.13 x VF .17 = 1.7 x3 case volume = Estimated Purge Volume: 5.1 gal.
 Check if water column is less than 0.50 ft.

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

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

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 0950 Weather Conditions: Sunny
 Sample Time/Date: 1020 12-7-07 Water Color: Clear Yellow Odor: Yes
 Purging Flow Rate: _____ gpm. Sediment Description: none
 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>0955</u>	<u>2</u>	<u>7.18</u>	<u>OUT OF RANGE</u>	<u>17.8</u>		
<u>1000</u>	<u>4</u>	<u>7.10</u>	<u>↓</u>	<u>17.6</u>		
<u>1006</u>	<u>5.5</u>	<u>7.10</u>		<u>17.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</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>

COMMENTS: HCl rinsed from bottles because of strong reaction, samples for MW-3 have a 7-day hold time.

Add/Replaced Lock: X Add/Replaced Plug: X Size: 2"



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1851 Job Number: 385145
 Site Address: 451 Hegenberger Road Event Date: 12-7-07 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW-4 Date Monitored: 12-7-07 Well Condition: See Log
 Well Diameter: 2 in.
 Total Depth: 15.11 ft.
 Depth to Water: 4.51 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 = 1.7 = 1.8 x3 case volume = Estimated Purge Volume: 5.4 gal.

Check if water column is less than 0.50 ft.

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

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1205 Weather Conditions: Sunny
 Sample Time/Date: 1235/12-7-07 Water Color: clear Odor: no
 Purging Flow Rate: - gpm. Sediment Description: none
 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>1210</u>	<u>2</u>	<u>7.42</u>	<u>1134</u>	<u>19.3</u>		
<u>1216</u>	<u>4</u>	<u>7.42</u>	<u>1120</u>	<u>19.1</u>		
<u>1220</u>	<u>5.5</u>	<u>7.45</u>	<u>1118</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>

COMMENTS: _____
 Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1851
 Site Address: 451 Hegenberger Road
 City: Oakland, CA

Job Number: 385145
 Event Date: 12-7-07 (inclusive)
 Sampler: ML

Well ID: MW-5
 Well Diameter: 2 in.
 Total Depth: 7.14 ft.
 Depth to Water: 4.99 ft.
2.15 xVF .17 = .36 x3 case volume = Estimated Purge Volume: 1.0 gal.

Date Monitored: 12-7-07 Well Condition: See well log

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

Check if water column is less than 0.50 ft.

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

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 0915 Weather Conditions: Sunny
 Sample Time/Date: 0935 / 12-7-07 Water Color: Clear / Yellowish Odor: YES
 Purging Flow Rate: _____ gpm. Sediment Description: none
 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>0917</u>	<u>.5</u>	<u>7.28</u>	<u>3833</u>	<u>16.9</u>	_____	_____
<u>0919</u>	<u>.75</u>	<u>7.27</u>	<u>3831</u>	<u>16.9</u>	_____	_____
<u>0921</u>	<u>1</u>	<u>7.27</u>	<u>3833</u>	<u>16.9</u>	_____	_____

LABORATORY INFORMATION

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

COMMENTS: HCL rinsed from bottles because of strong reaction. Samples for MW-5 have a 7-day hold time.

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1851 Job Number: 385145
 Site Address: 451 Hegenberger Road Event Date: 12-7-07 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW-6 Date Monitored: 12-7-07 Well Condition: see well log
 Well Diameter: 2 in.
 Total Depth: 10.04 ft.
 Depth to Water: 5.94 ft.
4.10 xVF 117 = 0.6 x3 case volume = Estimated Purge Volume: 1.8 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

Check if water column is less than 0.50 ft.

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

Sampling Equipment:
 Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1255 Weather Conditions: Sunny
 Sample Time/Date: 1300/12-7-07 Water Color: clear Odor: NO
 Purging Flow Rate: _____ 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>1258</u>	<u>1</u>	<u>7.06</u>	<u>1740</u>	<u>17.0</u>		
<u>1300</u>	<u>1.5</u>	<u>7.01</u>	<u>1739</u>	<u>17.0</u>		
<u>1302</u>	<u>2</u>	<u>7.01</u>	<u>1736</u>	<u>16.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</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>

COMMENTS: _____
 Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-1851 Job Number: 385145
 Site Address: 451 Hegenberger Road Event Date: 12-7-07 (inclusive)
 City: Oakland, CA Sampler: ML

Well ID: MW-7 Date Monitored: 12-7-07 Well Condition: see well
 Well Diameter: 2 in.
 Total Depth: 13.33 ft.
 Depth to Water: 5.38 ft.
7.95 x VF 1.17 = 1.3 x3 case volume = Estimated Purge Volume: 3.9 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

Check if water column is less than 0.50 ft.

Purge Equipment:

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

Sampling Equipment:

Disposable Bailer X
 Pressure Bailer _____
 Discrete Bailer _____
 Other: _____

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

Start Time (purge): 1337 Weather Conditions: Sunny
 Sample Time/Date: 1405/12-7-07 Water Color: clear Odor: NO
 Purging Flow Rate: _____ gpm. Sediment Description: none
 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>1342</u>	<u>2</u>	<u>7.51</u>	<u>518</u>	<u>19.4</u>		
<u>1343</u>	<u>3</u>	<u>7.39</u>	<u>510</u>	<u>19.2</u>		
<u>1349</u>	<u>4</u>	<u>7.35</u>	<u>506</u>	<u>19.2</u>		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Size: _____

Chevron California Region Analysis Request/Chain of Custody



121007-01

For Lancaster Laboratories use only
 Acct. #: 10904 Sample #: 5233700-7 Group #: 000357
 1069214

Facility #: <u>SS#9-1851-OML GR#385145 Global ID#T0600102238</u> Site Address: <u>451 HEGENBERGER ROAD, OAKLAND, CA</u> Chevron PM: <u>SS</u> <u>CRACE</u> Consultant/Office: <u>GR, 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>Mike Lombard</u>				Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Soil <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		Analyses Requested <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="10">Preservation Codes</th> </tr> <tr> <td>H</td><td>H</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>H</td> </tr> </table>										Preservation Codes										H	H								H	Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits	
Preservation Codes																																					
H	H								H																												
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	Oxygenates	Total Lead Method	Dissolved Lead Method	Ethanol (8260)																
QA			12-7-07		X		X	X			2	X	X								X																
MW-1				1150	X		X	X			6	X	X								X																
MW-2				1105	X		X	X			6	X	X								X																
MW-3				1020	X		X	X			6	X	X								X																
MW-4				1235	X		X	X			6	X	X								X																
MW-5				0935	X		X	X			6	X	X								X																
MW-6				1320	X		X	X			6	X	X								X																
MW-7				1405	X		X	X			6	X	X								X																
Comments / Remarks HCl rinsed from bottles because of strong reaction, samples for MW-2, MW-3, and MW-5 have a 7-Day hold time.																																					
Turnaround Time Requested (TAT) (please circle) (STD. TAT) 72 hour 48 hour 24 hour 4 day 5 day						Relinquished by: <u>[Signature]</u> Date: <u>12-7-07</u> Time: <u>1500</u> Received by: <u>[Signature]</u> Date: <u>12-10-07</u> Time: <u>1030</u>						Relinquished by: <u>[Signature]</u> Date: <u>12-10-07</u> Time: <u>1030</u> Received by: <u>[Signature]</u> Date: <u>2-10-07</u> Time: <u>1045</u>																									
Data Package Options (please circle if required) QC Summary Type I - Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed WIP (RWQCB) Disk						Relinquished by: <u>[Signature]</u> Date: <u>12-7-07</u> Time: <u>1530</u> Received by: <u>[Signature]</u> Date: <u>12-10-07</u> Time: <u>1130</u>						Relinquished by Commercial Carrier: <u>[Signature]</u> UPS FedEx Other: <u>(DHL)</u> Temperature Upon Receipt: <u>1.0 - 2.6</u> °C Custody Seals Intact? <u>(Yes)</u>																									



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

SAMPLE GROUP

The sample group for this submittal is 1069214. Samples arrived at the laboratory on Monday, December 10, 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-071207 NA Water	5233700
MW-1-W-071207 Grab Water	5233701
MW-2-W-071207 Grab Water	5233702
MW-3-W-071207 Grab Water	5233703
MW-4-W-071207 Grab Water	5233704
MW-5-W-071207 Grab Water	5233705
MW-6-W-071207 Grab Water	5233706
MW-7-W-071207 Grab Water	5233707

ELECTRONIC CRA c/o Gettler-Ryan
COPY TO

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, appearing to read "Christine Dulaney".

Christine Dulaney
Senior Specialist



Analysis Report

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Lancaster Laboratories Sample No. WW 5233700

QA-T-071207 NA Water
Facility# 91851 Job# 385145 GRD
451 Hegenberger-Oakland T0600102238 QA
Collected: 12/07/2007

Account Number: 10904

Submitted: 12/10/2007 11:30
Reported: 12/21/2007 at 17:07
Discard: 01/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HGBGQ
I 5E w

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

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	12/12/2007 05:25	K. Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/20/2007 18:32	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/12/2007 05:25	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/20/2007 18:32	Ginelle L Feister	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5233701

MW-1-W-071207 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 Hegenberger-Oakland T0600102238 MW-1
 Collected: 12/07/2007 11:50 by ML

Account Number: 10904

Submitted: 12/10/2007 11:30
 Reported: 12/21/2007 at 17:07
 Discard: 01/21/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

HGBG1
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CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.	n.a.	N.D.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	7.	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	12/13/2007	01:41	K. Robert Caulfeild-James	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	12/19/2007	23:32	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/13/2007	01:41	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/19/2007	23:32	Michael A Ziegler	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5233702

MW-2-W-071207 Grab Water
Facility# 91851 Job# 385145 GRD
451 Hegenberger-Oakland T0600102238 MW-2
Collected: 12/07/2007 11:05 by ML

Account Number: 10904

Submitted: 12/10/2007 11:30
Reported: 12/21/2007 at 17:07
Discard: 01/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HGBG2
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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.	250.	ug/l	5
<p>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. Due to excessive foaming of the sample, normal reporting limits were not attained. Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.</p>						
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	28.	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
<p>Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.</p>						

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	12/13/2007 05:25	K. Robert Caulfeild-James	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	12/19/2007 23:55	Michael A Ziegler	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5233702

MW-2-W-071207 Grab Water
Facility# 91851 Job# 385145 GRD
451 Hegenberger-Oakland T0600102238 MW-2
Collected: 12/07/2007 11:05 by ML

Account Number: 10904

Submitted: 12/10/2007 11:30
Reported: 12/21/2007 at 17:07
Discard: 01/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HGBG2							
01146	GC VOA Water Prep	SW-846 5030B	1	12/13/2007 05:25	K. Robert Caulfeild-James	5	
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/19/2007 23:55	Michael A Ziegler	1	



Analysis Report

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Lancaster Laboratories Sample No. WW 5233703

MW-3-W-071207 Grab Water
Facility# 91851 Job# 385145 GRD
451 Hegenberger-Oakland T0600102238 MW-3
Collected: 12/07/2007 10:20 by ML

Account Number: 10904

Submitted: 12/10/2007 11:30
Reported: 12/21/2007 at 17:07
Discard: 01/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HGBG3
I 5E w

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.	250.	ug/l	5
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7. Due to excessive foaming of the sample, normal reporting limits were not attained.						
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	16.	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
Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.						

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	12/13/2007 02:47	K. Robert Caulfeild-James	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	12/20/2007 00:18	Michael A Ziegler	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5233703

MW-3-W-071207 Grab Water
Facility# 91851 Job# 385145 GRD
451 Hegenberger-Oakland T0600102238 MW-3
Collected: 12/07/2007 10:20 by ML

Account Number: 10904

Submitted: 12/10/2007 11:30
Reported: 12/21/2007 at 17:07
Discard: 01/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

HGBG3							
01146	GC VOA Water Prep	SW-846 5030B	1	12/13/2007 02:47	K. Robert Caulfeild- James	5	
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/20/2007 00:18	Michael A Ziegler	1	

Lancaster Laboratories Sample No. WW 5233704

 MW-4-W-071207 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 Hegenberger-Oakland T0600102238 MW-4
 Collected: 12/07/2007 12:35 by ML

Account Number: 10904

 Submitted: 12/10/2007 11:30
 Reported: 12/21/2007 at 17:07
 Discard: 01/21/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

 HGBG4
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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.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Due to excessive foaming of the sample, normal reporting limits were not attained.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	15.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	12/13/2007 03:27	K. Robert Caulfeild-James	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	12/20/2007 00:40	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/13/2007 03:27	K. Robert Caulfeild-James	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/20/2007 00:40	Michael A Ziegler	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5233705

MW-5-W-071207 Grab Water
Facility# 91851 Job# 385145 GRD
451 Hegenberger-Oakland T0600102238 MW-5
Collected: 12/07/2007 09:35 by ML

Account Number: 10904

Submitted: 12/10/2007 11:30
Reported: 12/21/2007 at 17:07
Discard: 01/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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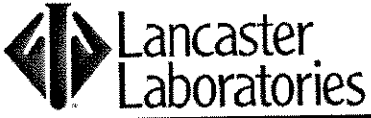
CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7. Due to excessive foaming of the sample, normal reporting limits were not attained.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	22.	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
	Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.					

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	12/13/2007 03:56	K. Robert Caulfeild-James	5
06067	BTEX, MTBE, ETOH	SW-846 8260E	1	12/20/2007 01:03	Michael A Ziegler	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5233705

MW-5-W-071207 Grab Water
Facility# 91851 Job# 385145 GRD
451 Hegenberger-Oakland T0600102238 MW-5
Collected: 12/07/2007 09:35 by ML

Account Number: 10904

Submitted: 12/10/2007 11:30
Reported: 12/21/2007 at 17:07
Discard: 01/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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01146	GC VOA Water Prep	SW-846 5030B	1	12/13/2007 03:56	K. Robert Caulfeild- James	5	
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/20/2007 01:03	Michael A Ziegler	1	

Lancaster Laboratories Sample No. WW 5233706

MW-6-W-071207 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 Hegenberger-Oakland T0600102238 MW-6
 Collected: 12/07/2007 13:20 by ML

Account Number: 10904

Submitted: 12/10/2007 11:30
 Reported: 12/21/2007 at 17:07
 Discard: 01/21/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

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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.	250.		ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Due to excessive foaming of the sample, normal reporting limits were not attained.						
06067	BTEX, MTBE, 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
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
	Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 4.						

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	12/13/2007	04:26	K. Robert Caulfeild-James	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	12/20/2007	01:26	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/13/2007	04:26	K. Robert Caulfeild-James	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/20/2007	01:26	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW 5233707

MW-7-W-071207 Grab Water
 Facility# 91851 Job# 385145 GRD
 451 Hegenberger-Oakland T0600102238 MW-7
 Collected: 12/07/2007 14:05 by ML

Account Number: 10904

Submitted: 12/10/2007 11:30
 Reported: 12/21/2007 at 17:07
 Discard: 01/21/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

HGBG7
 I 5E w

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.	250.	ug/l	5
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. Due to excessive foaming of the sample, normal reporting limits were not attained.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	8.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	12/13/2007 04:55	K. Robert Caulfeild-James	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	12/17/2007 23:45	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/13/2007 04:55	K. Robert Caulfeild-James	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/17/2007 23:45	Michael A Ziegler	1

Quality Control Summary

 Client Name: Chevron
 Reported: 12/21/07 at 05:07 PM

Group Number: 1069214

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: 07345A08A TPH-GRO - Waters	N.D.	50.	Sample number(s): 5233700 ug/l	118	105	75-135	11	30
Batch number: 07346A08A TPH-GRO - Waters	N.D.	50.	Sample number(s): 5233701-5233707 ug/l	99	96	75-135	4	30
Batch number: D073513AA Ethanol	N.D.	50.	Sample number(s): 5233707 ug/l	133		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91		73-119		
Benzene	N.D.	0.5	ug/l	93		78-119		
Toluene	N.D.	0.5	ug/l	99		85-115		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	99		83-113		
Batch number: D073534AA Ethanol	N.D.	50.	Sample number(s): 5233701-5233706 ug/l	147		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		73-119		
Benzene	N.D.	0.5	ug/l	98		78-119		
Toluene	N.D.	0.5	ug/l	102		85-115		
Ethylbenzene	N.D.	0.5	ug/l	98		82-119		
Xylene (Total)	N.D.	0.5	ug/l	100		83-113		
Batch number: D073542AA Methyl Tertiary Butyl Ether	N.D.	0.5	Sample number(s): 5233700 ug/l	92		73-119		
Benzene	N.D.	0.5	ug/l	98		78-119		
Toluene	N.D.	0.5	ug/l	105		85-115		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	101		83-113		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 07345A08A TPH-GRO - Waters			Sample number(s): 5233700 UNSPK: P231228 124 63-154						
Batch number: 07346A08A TPH-GRO - Waters			Sample number(s): 5233701-5233707 UNSPK: P233657 128 63-154						
Batch number: D073513AA Ethanol	122	118	Sample number(s): 5233707 UNSPK: P231072 32-164 3 30	3	30				
Methyl Tertiary Butyl Ether	93	94	69-127 1 30	1	30				

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron
Reported: 12/21/07 at 05:07 PM

Group Number: 1069214

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Benzene	96	100	83-128	4	30				
Toluene	104	105	83-127	1	30				
Ethylbenzene	99	100	82-129	0	30				
Xylene (Total)	102	102	82-130	0	30				

Batch number: D073534AA Sample number(s): 5233701-5233706 UNSPK: P233683

Ethanol	127	128	32-164	1	30				
Methyl Tertiary Butyl Ether	89	88	69-127	2	30				
Benzene	98	97	83-128	1	30				
Toluene	107	103	83-127	3	30				
Ethylbenzene	101	98	82-129	3	30				
Xylene (Total)	103	101	82-130	2	30				

Batch number: D073542AA Sample number(s): 5233700 UNSPK: P233657

Methyl Tertiary Butyl Ether	98	101	69-127	4	30				
Benzene	106	111	83-128	5	30				
Toluene	113	115	83-127	2	30				
Ethylbenzene	108	109	82-129	1	30				
Xylene (Total)	109	111	82-130	2	30				

Surrogate Quality Control

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

Analysis Name: TPH-GRO - Waters
Batch number: 07345A08A
Trifluorotoluene-F

5233700	93
Blank	92
LCS	96
LCSD	93
MS	103

Limits: 63-135

Analysis Name: TPH-GRO - Waters
Batch number: 07346A08A
Trifluorotoluene-F

5233701	88
5233702	88
5233703	88
5233704	88
5233705	87
5233706	87
5233707	88
Blank	87
LCS	88

*. Outside of specification

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

Quality Control Summary

 Client Name: Chevron
 Reported: 12/21/07 at 05:07 PM

Group Number: 1069214

Surrogate Quality Control

 LCSD 90
 MS 91

Limits: 63-135

Analysis Name: BTEX, MTBE, ETOH

Batch number: D073513AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5233707	82	90	91	88
Blank	83	90	91	89
LCS	85	94	94	96
MS	84	93	92	95
MSD	83	89	91	94

Limits: 80-116

77-113

80-113

78-113

Analysis Name: BTEX, MTBE, ETOH

Batch number: D073534AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5233701	82	88	92	88
5233702	82	90	94	91
5233703	81	86	91	87
5233704	83	89	95	91
5233705	84	89	95	90
5233706	83	90	94	89
Blank	82	89	94	89
LCS	82	89	92	94
MS	83	93	96	97
MSD	84	92	96	97

Limits: 80-116

77-113

80-113

78-113

Analysis Name: BTEX+MTBE by 8260B

Batch number: D073542AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5233700	81	88	91	87
Blank	85	93	97	93
LCS	83	92	96	96
MS	85	92	98	99
MSD	83	92	94	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 unspiked result was more than four times the spike added.

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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