



GETTLER-RYAN INC.

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7:42 am, May 22, 2007

Alameda County
Environmental Health

TRANSMITTAL

May 21, 2007
G-R #386895

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

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

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

RE: **Chevron Service Station
#9-3600
2200 Telegraph Avenue
Oakland, California
RO 0002435**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	May 16, 2007	Groundwater Monitoring and Sampling Report Second Quarter - Event of April 11, 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)

Enclosures

trans/9-3600-SS



Satya P. Sinha
Project Manager
Retail and Terminal
Business Unit

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

May 21, 2007

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

RE: Chevron Service Station # 9-3600

Address 2200 Telegraph Ave., Oakland, California

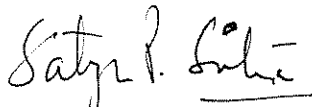
I have reviewed the attached routine groundwater monitoring report dated May 21, 2007.

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

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

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

Sincerely,


Satya P. Sinha

Attachment: Report

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-3600
 Site Address: 2200 Telegraph Avenue
 City: Oakland, CA

Job #: 386895
 Event Date: 4.17.07
 Sampler: Frank T.

WELL ID	Vault Frame Condition	Gasket/O-Ring Condition	BOLTS (# Missing)	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient)	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
MW-1	OK	OK	0	S=2	OK	OK	OK	N	N	PEMCO 12" / 2	
MW-2	OK	OK	0	R=2	OK	OK	OK	N	N	PEMCO 12" / 2	
MW-3	OK	OK	0	OK	OK	OK	OK	N	N	PEMCO 12" / 2	

Comments _____



GETTLER - RYAN INC.

May 16, 2007
G-R Job #386895

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

RE: Second Quarter Event of April 11, 2007
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

Dear Mr. Sinha:

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

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

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

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

Sincerely,

Deanna L. Harding
Project Coordinator

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

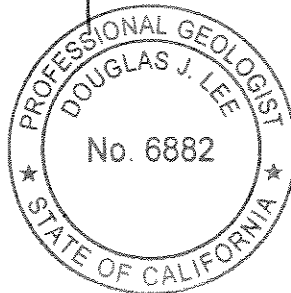
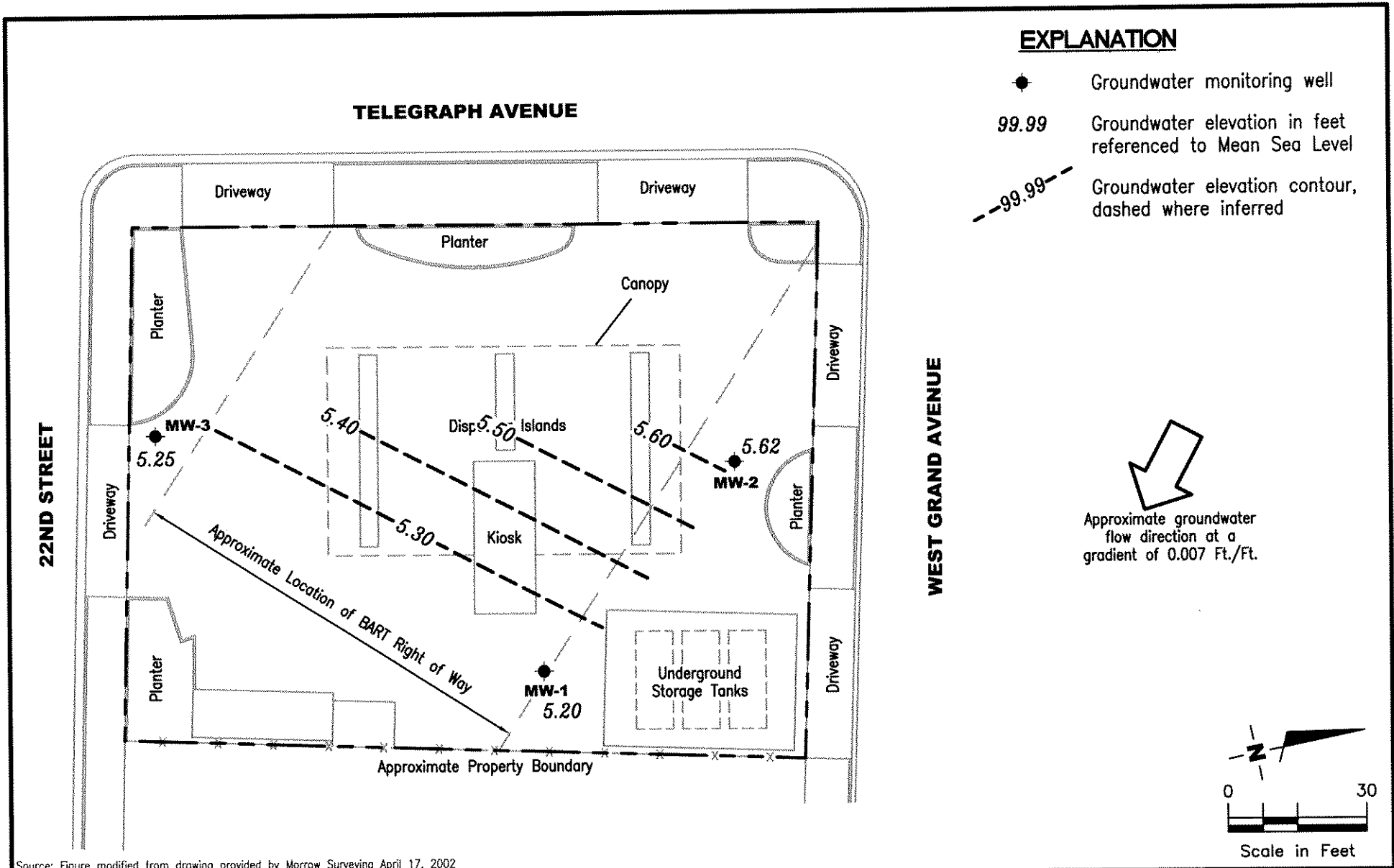


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by Morrow Surveying April 17, 2002



GETTLER - RYAN INC.

6747 Sierra Court, Suite J
Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

FIGURE

1

PROJECT NUMBER
386895

REVIEWED BY

DATE
April 11, 2007

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-1									
04/05/02 ¹	17.07	11.68	5.39	2,000	5.0	<1.0	14	8.4	310/370 ²
07/01/02	17.07	12.01	5.06	2,000	8.9	<1.0	97	31	370/420 ²
10/08/02	17.07	12.20	4.87	1,400	9.2	<10	75	20	440/360 ²
01/11/03	17.07	11.13	5.94	1,600	7.1	0.51	53	13	280/270 ²
04/01/03	17.07	11.53	5.54	1,800	5.2	0.6	25	9.1	210/210 ²
07/01/03 ³	17.07	11.95	5.12	2,000	4	<0.5	31	12	170
10/02/03 ³	17.07	12.25	4.82	480	<5	<5	<5	<5	9,800
01/05/04 ³	17.07	11.05	6.02	1,700	3	<0.5	27	4	140
04/05/04 ³	17.07	11.63	5.44	1,500	2	<0.5	21	0.6	120
07/01/04 ³	17.07	12.08	4.99	1,500	1	<0.5	3	<0.5	130
10/05/04 ³	17.07	12.21	4.86	1,400	<0.5	<0.5	1	0.5	130
01/04/05 ³	17.07	11.15	5.92	1,500	<0.5	<0.5	<0.5	<0.5	<0.5
04/14/05 ³	17.07	11.20	5.87	2,100	<0.5	<0.5	4	0.5	61
07/08/05 ³	17.07	11.38	5.69	1,800	<0.5	<0.5	0.8	<0.5	71
10/27/05 ³	17.07	12.24	4.83	800	<0.5	<0.5	<0.5	<0.5	76
01/12/06 ³	17.07	11.10	5.97	1,600	<0.5	<0.5	4	<0.5	47
04/13/06 ³	17.07	10.81	6.26	1,500	<0.5	<0.5	1	<0.5	36
07/13/06 ³	17.07	11.18	5.89	990	<0.5	<0.5	<0.5	<0.5	44
10/16/06 ³	17.07	12.18	4.89	780	<0.5	<0.5	<0.5	<0.5	59
01/20/07 ³	17.07	11.91	5.16	890	<0.5	<0.5	<0.5	<0.5	47
04/11/07³	17.07	11.87	5.20	1,900	<0.5	<0.5	4	<0.5	39
MW-2									
04/05/02 ¹	16.82	11.17	5.65	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ²
07/01/02	16.82	11.36	5.46	<50	<0.50	0.57	0.52	<1.5	<2.5/<2 ²
10/08/02	16.82	11.57	5.25	<100	<2.0	<2.0	<2.0	<5.0	<10/<2 ²
01/11/03	16.82	10.94	5.88	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ²
04/01/03	16.82	11.03	5.79	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5 ²
07/01/03 ³	16.82	11.30	5.52	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/02/03 ³	16.82	11.63	5.19	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/05/04 ³	16.82	10.82	6.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/05/04 ³	16.82	11.21	5.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/01/04 ³	16.82	11.46	5.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)									
10/05/04 ³	16.82	11.57	5.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/04/05 ³	16.82	10.87	5.95	<50	0.5	<0.5	8	0.9	87
04/14/05 ³	16.82	10.72	6.10	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/08/05 ³	16.82	11.16	5.66	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/27/05 ³	16.82	11.59	5.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06 ³	16.82	10.68	6.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/13/06 ³	16.82	10.37	6.45	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/13/06 ³	16.82	10.68	6.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/16/06 ³	16.82	11.48	5.34	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/20/07 ³	16.82	11.27	5.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/11/07 ³	16.82	11.20	5.62	<50	<0.5	<0.5	<0.5	<0.5	<0.5
MW-3									
04/05/02 ¹	16.52	11.29	5.23	<50	<0.50	0.59	<0.50	<1.5	<2.5/<2 ²
07/01/02	16.52	11.55	4.97	<50	<0.50	0.60	<0.50	<1.5	<2.5/<2 ²
10/08/02	16.52	11.62	4.90	<100	<2.0	<2.0	<2.0	<5.0	<10/<2 ²
01/11/03	16.52	11.09	5.43	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2 ²
04/01/03	16.52	11.25	5.27	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5 ²
07/01/03 ³	16.52	11.42	5.10	<50	<0.5	<0.5	<0.5	<0.5	2
10/02/03 ³	16.52	11.74	4.78	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/05/04 ³	16.52	11.06	5.46	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/05/04 ³	16.52	11.40	5.12	<50	<0.5	<0.5	<0.5	<0.5	0.6
07/01/04 ³	16.52	11.58	4.94	<50	<0.5	<0.5	<0.5	<0.5	0.8
10/05/04 ³	16.52	11.60	4.92	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/04/05 ³	16.52	10.95	5.57	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/14/05 ³	16.52	11.10	5.42	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/08/05 ³	16.52	11.29	5.23	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/27/05 ³	16.52	11.68	4.84	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06 ³	16.52	10.83	5.69	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/13/06 ³	16.52	10.65	5.87	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/13/06 ³	16.52	11.03	5.49	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/16/06 ³	16.52	11.46	5.06	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (ft.)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3 (cont)									
01/20/07 ³	16.52	11.39	5.13	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/11/07 ³	16.52	11.27	5.25	<50	<0.5	<0.5	<0.5	<0.5	<0.5
TRIP BLANK									
QA									
04/05/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
07/01/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
10/08/02	--	--	--	<100	<2.0	<2.0	<2.0	<5.0	<10
01/11/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
04/01/03	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
07/01/03 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/02/03 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/05/04 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/05/04 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/01/04 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/05/04 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/04/05 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/14/05 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/08/05 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/27/05 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/12/06 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/13/06 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/13/06 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/16/06 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/20/07 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/11/07 ³	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

EXPLANATIONS:

TOC = Top of Casing

(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

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 surveyed on April 17, 2002, by Morrow Surveying. The elevations are based on a City of Oakland Benchmark No. 37JC, (Benchmark Elevation = 17.68 Feet).

¹ Well development performed.

² MTBE by EPA Method 8260.

³ BTEX and MTBE by EPA Method 8260.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-1	04/05/02	--	200	370	<2	<2	10
	07/01/02	--	190	420	<2	<2	9
	10/08/02	--	110	360	<2	<2	8
	01/11/03	--	<100	270	<2	<2	7
	04/01/03	--	22	210	<0.5	<0.5	5
	07/01/03	<50	26	170	<0.5	<0.5	5
	10/02/03	<500	2,600	9,800	<5	<5	6
	01/05/04	<50	21	140	<0.5	<0.5	3
	04/05/04	<50	17	120	<0.5	<0.5	3
	07/01/04	<50	13	130	<0.5	<0.5	2
	10/05/04	<50	14	130	<0.5	<0.5	2
	01/04/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/14/05	<50	15	61	<0.5	<0.5	1
	07/08/05	<50	15	71	<0.5	<0.5	1
	10/27/05	<50	10	76	<0.5	<0.5	1
	01/12/06	<50	12	47	<0.5	<0.5	<0.5
	04/13/06	<50	8	36	<0.5	<0.5	0.6
	07/13/06	<50	7	44	<0.5	<0.5	0.7
	10/16/06	<50	6	59	<0.5	<0.5	1
	01/20/07	<50	8	47	<0.5	<0.5	0.8
04/11/07	<50	9	39	<0.5	<0.5	0.7	
MW-2	04/05/02	--	<100	<2	<2	<2	<2
	07/01/02	--	<100	<2	<2	<2	<2
	10/08/02	--	<100	<2	<2	<2	<2
	01/11/03	--	<100	<2	<2	<2	<2
	04/01/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/01/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/02/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/01/04	<50	<5	<0.5	<0.5	<0.5	<0.5
10/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5	

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

WELL ID	DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-2 (cont)	01/04/05	<50	14	87	<0.5	<0.5	2
	04/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/08/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/27/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/12/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/16/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/20/07	<50	<2	<0.5	<0.5	<0.5	<0.5
04/11/07	<50	<2	<0.5	<0.5	<0.5	<0.5	
MW-3	04/05/02	--	<100	<2	<2	<2	<2
	07/01/02	--	<100	<2	<2	<2	<2
	10/08/02	--	<100	<2	<2	<2	<2
	01/11/03	--	<100	<2	<2	<2	<2
	04/01/03	--	<5	<0.5	<0.5	<0.5	<0.5
	07/01/03	<50	<5	2	<0.5	<0.5	<0.5
	10/02/03	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/05/04	<50	<5	0.6	<0.5	<0.5	<0.5
	07/01/04	<50	<5	0.8	<0.5	<0.5	<0.5
	10/05/04	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/04/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/14/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/08/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/27/05	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/12/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	04/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	07/13/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	10/16/06	<50	<5	<0.5	<0.5	<0.5	<0.5
	01/20/07	<50	<2	<0.5	<0.5	<0.5	<0.5
04/11/07	<50	<2	<0.5	<0.5	<0.5	<0.5	

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

EXPLANATIONS:

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

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by IWM to Chemical Waste Management located in Kettleman Hill, California.



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3600 Job Number: 386895
 Site Address: 2200 Telegraph Avenue Event Date: 4.11.07 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-1 Date Monitored: 4.11.07 Well Condition: PENCO 12" 2 STRIPPED FLANGES
 Well Diameter: 2 in.
 Total Depth: 20.21 ft.
 Depth to Water: 11.87 ft.
8.34 xVF .17 = 1.41 x3 case volume = Estimated Purge Volume: 4.0 gal.

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

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

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

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

Start Time (purge): 1248 Weather Conditions: SUNNY / CLOUDY
 Sample Time/Date: 1305 / 4.11.07 Water Color: CLOUDY / U.L.T. 644 Odor: YES
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1252</u>	<u>1.5</u>	<u>6.60</u>	<u>317</u>	<u>19.9</u>	_____	_____
<u>1256</u>	<u>3.0</u>	<u>6.69</u>	<u>320</u>	<u>19.6</u>	_____	_____
<u>1259</u>	<u>4.0</u>	<u>6.70</u>	<u>322</u>	<u>19.2</u>	_____	_____

LABORATORY INFORMATION

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

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3600 Job Number: 386895
 Site Address: 2200 Telegraph Avenue Event Date: 4.11.07 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-2 Date Monitored: 4.11.07 Well Condition: PEMCO 12" SLEEVES
 Well Diameter: 2 in. Volume 3/4"= 0.02 1"= 0.04 2"= 0.17 3"= 0.38
 Total Depth: 20.20 ft. Factor (VF) 4"= 0.66 5"= 1.02 6"= 1.50 12"= 5.80
 Depth to Water: 11.20 ft. xVF .17 = 1.53 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: _____ 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): 1134 Weather Conditions: SUNNY / CLOUDY
 Sample Time/Date: 1149 / 4.11.07 Water Color: LT-BW Odor: NO
 Purging Flow Rate: / gpm. Sediment Description: S. SILTY
 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>1137</u>	<u>1.5</u>	<u>7.38</u>	<u>29</u>	<u>20.2</u>	_____	_____
<u>1140</u>	<u>3.0</u>	<u>7.19</u>	<u>465</u>	<u>19.7</u>	_____	_____
<u>1143</u>	<u>4.5</u>	<u>7.13</u>	<u>463</u>	<u>19.3</u>	_____	_____

LABORATORY INFORMATION

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

COMMENTS: CLEANED AND RE-TAPPED (2) FLANGES

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-3600 Job Number: 386895
 Site Address: 2200 Telegraph Avenue Event Date: 4.11.07 (inclusive)
 City: Oakland, CA Sampler: FT

Well ID: MW-3 Date Monitored: 4.11.07 Well Condition: PENCO 12" (OK)
 Well Diameter: 2 in.
 Total Depth: 20.13 ft.
 Depth to Water: 11.27 ft.
 Volume Factor (VF): 8.86 xVF .17 = 1.50 x3 case volume = Estimated Purge Volume: 4.5 gal.

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

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

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

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

Start Time (purge): 013 Weather Conditions: SUNNY / CLOUDY
 Sample Time/Date: 030 / 4.11.07 Water Color: CLEAN Odor: NO
 Purging Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>017</u>	<u>1.5</u>	<u>6.76</u>	<u>364</u>	<u>20.5</u>	_____	_____
<u>021</u>	<u>3.0</u>	<u>6.74</u>	<u>363</u>	<u>20.3</u>	_____	_____
<u>025</u>	<u>4.5</u>	<u>6.73</u>	<u>359</u>	<u>19.9</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)/ 5 OXYS + ETHANOL(8260)</u>

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Acct. #: 10904 Sample #: 5029525-8 SER#: 6# 1033792

041107-04

Facility #: <u>SS#9-3600-OML G-R#386895 Global ID#T0600161613</u> Site Address: <u>2200 TELEGRAPH AVENUE, OAKLAND, CA</u> Chevron PM: <u>SS</u> Lead Consultant: <u>CAMBRIACE</u> Consultant/Office: <u>G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone # <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>FRANK TELMINONI</u> Service Order #: _____ <input type="checkbox"/> Non SAR: _____			Matrix Soil <input type="checkbox"/> Potable <input type="checkbox"/> Water <input type="checkbox"/> NPDES <input type="checkbox"/> Oil <input type="checkbox"/> Air <input type="checkbox"/>		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></td> </tr> <tr> <td colspan="10"> BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> 8260 full scan <input type="checkbox"/> 5 Oxygenates <u>ETHANOL</u> <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/> </td> </tr> </table>										Preservation Codes										H	H									BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> 8260 full scan <input type="checkbox"/> 5 Oxygenates <u>ETHANOL</u> <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>										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																																													
BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> Silica Gel Cleanup <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> 8260 full scan <input type="checkbox"/> 5 Oxygenates <u>ETHANOL</u> <input type="checkbox"/> Lead 7420 <input type="checkbox"/> 7421 <input type="checkbox"/>																																														
Sample Identification			Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers											Comments / Remarks																								
QIA			4.11.07								2	XX																																		
MW-1			↓	1305	XX						6	XX	XX																																	
MW-2			↓	1149	XX						6	XX	XX																																	
MW-3			↓	1230	XX						6	XX	XX																																	
Turnaround Time Requested (TAT) (please circle) <input checked="" type="checkbox"/> STD. TAT 24 hour <input type="checkbox"/> 72 hour <input type="checkbox"/> 48 hour <input type="checkbox"/> 4 day <input type="checkbox"/> 5 day			Relinquished by: <u>Frank Telminoni</u> Date: <u>4.11.07</u> Time: _____ Relinquished by: <u>Charles Davis</u> Date: <u>4/12/07</u> Time: <u>1:30</u> Relinquished by: _____ Date: _____ Time: _____				Received by: <u>Frank Telminoni</u> Date: <u>4/11/07</u> Time: <u>1455</u> Received by: <u>DHL</u> Date: <u>4/12/07</u> Time: _____ Received by: _____ Date: _____ Time: _____																																							
Data Package Options (please circle if required) QC Summary Type I — Full Type VI (Raw Data) <input type="checkbox"/> Coelt Deliverable not needed EDF/EDD WIP (RWQCB) Disk			Relinquished by Commercial Carrier: UPS FedEx <input checked="" type="checkbox"/> Other <u>DHL</u>				Received by: <u>Press Zerk</u> Date: <u>4/14/07</u> Time: <u>1000</u>																																							
			Temperature Upon Receipt <u>13-3.4C @ 9 cooler samples</u>				Custody Seals Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																							



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2000 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 1033792. Samples arrived at the laboratory on Saturday, April 14, 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-070411	NA Water	5029525
MW-1-W-070411	Grab Water	5029526
MW-2-W-070411	Grab Water	5029527
MW-3-W-070411	Grab Water	5029528

ELECTRONIC COPY TO Cambria c/o Gettler-Ryan

Attn: Cheryl Hansen



Analysis Report

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

Questions? Contact your Client Services Representative
Angela M Miller at (717) 656-2300

Respectfully Submitted,

A handwritten signature in cursive script that reads "Melissa A. McDermott".

Melissa A. McDermott
Senior Chemist



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. WW 5029525

QA-T-070411 NA Water
Facility# 93600 Job# 386895 GRD
2200 Telegraph-Oakland T0600161613 QA
Collected: 04/11/2007

Account Number: 10904

Submitted: 04/14/2007 10:00
Reported: 04/26/2007 at 09:43
Discard: 05/27/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

Q-OAK

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
01728	TPH-GRO - Waters	n.a.	N.D.	50.		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	04/18/2007 00:59		Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	04/18/2007 02:53		Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2007 00:59		Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/18/2007 02:53		Michael A Ziegler	1

Lancaster Laboratories Sample No. WW 5029526

 MW-1-W-070411 Grab Water
 Facility# 93600 Job# 386895 GRD
 2200 Telegraph-Oakland T0600161613 MW-1
 Collected: 04/11/2007 13:05 by FT

Account Number: 10904

 Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 09:43
 Discard: 05/27/2007

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAKL1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	1,900.	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	39.	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	0.7	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	9.	2.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	4.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	04/18/2007 01:21	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	04/19/2007 17:20	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2007 01:21	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/19/2007 17:20	Michael A Ziegler	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW 5029527

MW-2-W-070411 Grab Water
 Facility# 93600 Job# 386895 GRD
 2200 Telegraph-Oakland T0600161613 MW-2
 Collected: 04/11/2007 11:49 by FT

Account Number: 10904

Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 09:43
 Discard: 05/27/2007

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAKL2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	2.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	04/18/2007 01:43	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	04/19/2007 17:41	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2007 01:43	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/19/2007 17:41	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW 5029528

 MW-3-W-070411 Grab Water
 Facility# 93600 Job# 386895 GRD
 2200 Telegraph-Oakland T0600161613 MW-3
 Collected: 04/11/2007 12:30 by FT

Account Number: 10904

 Submitted: 04/14/2007 10:00
 Reported: 04/26/2007 at 09:43
 Discard: 05/27/2007

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

OAKL3

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.					
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.5	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.5	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	2.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	04/18/2007 02:05	Steven A Skiles	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	04/19/2007 18:01	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	04/18/2007 02:05	Steven A Skiles	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/19/2007 18:01	Michael A Ziegler	1

Quality Control Summary

 Client Name: Chevron
 Reported: 04/26/07 at 09:43 AM

Group Number: 1033792

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

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 07108A20A TPH-GRO - Waters	Sample number(s): 5029525-5029528			115	117	75-135	2	30
	N.D.	50.	ug/l					
Batch number: D071093AA	Sample number(s): 5029526-5029528					39-161		
Ethanol	N.D.	50.	ug/l	106		73-119		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		70-123		
di-Isopropyl ether	N.D.	0.5	ug/l	94		74-120		
Ethyl t-butyl ether	N.D.	0.5	ug/l	94		79-113		
t-Amyl methyl ether	N.D.	0.5	ug/l	95		69-127		
t-Butyl alcohol	N.D.	2.	ug/l	99		78-119		
Benzene	N.D.	0.5	ug/l	95		85-115		
Toluene	N.D.	0.5	ug/l	98		82-119		
Ethylbenzene	N.D.	0.5	ug/l	96		83-113		
Xylene (Total)	N.D.	0.5	ug/l	97				
Batch number: Z071074AA	Sample number(s): 5029525					73-119		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95		78-119		
Benzene	N.D.	0.5	ug/l	101		85-115		
Toluene	N.D.	0.5	ug/l	105		82-119		
Ethylbenzene	N.D.	0.5	ug/l	102		83-113		
Xylene (Total)	N.D.	0.5	ug/l	98				

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 07108A20A TPH-GRO - Waters	Sample number(s): 5029525-5029528 UNSPK: P029521			125	63-154				
Batch number: D071093AA	Sample number(s): 5029526-5029528 UNSPK: P029587								
Ethanol	109	113	41-159	3	30				
Methyl Tertiary Butyl Ether	95	107	69-127	4	30				
di-Isopropyl ether	92	94	68-129	2	30				
Ethyl t-butyl ether	93	95	78-119	2	30				
t-Amyl methyl ether	93	94	72-125	1	30				
t-Butyl alcohol	(2)	(2)	64-130	2	30				
Benzene	96	100	83-128	3	30				
Toluene	98	100	83-127	2	30				
Ethylbenzene	99	101	82-129	2	30				
Xylene (Total)	97	99	82-130	2	30				
Batch number: Z071074AA	Sample number(s): 5029525 UNSPK: P029473								

*- Outside of specification

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

Quality Control Summary

 Client Name: Chevron
 Reported: 04/26/07 at 09:43 AM

Group Number: 1033792

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Methyl Tertiary Butyl Ether	96	95	69-127	1	30				
Benzene	105	105	83-128	0	30				
Toluene	107	108	83-127	1	30				
Ethylbenzene	107	106	82-129	1	30				
Xylene (Total)	101	100	82-130	1	30				

Surrogate Quality Control

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

 Analysis Name: TPH-GRO - Waters
 Batch number: 07108A20A
 Trifluorotoluene-F

5029525	75
5029526	115
5029527	76
5029528	75
Blank	76
LCS	118
LCSD	111
MS	118

Limits: 63-135

 Analysis Name: BTEX+5 Oxygenates+ETOH
 Batch number: D071093AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5029526	100	92	99	106
5029527	99	94	100	101
5029528	98	93	99	102
Blank	100	94	101	102
LCS	96	94	97	102
MS	99	97	100	102
MSD	98	96	99	102

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

 Analysis Name: BTEX+MTBE by 8260B
 Batch number: Z071074AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5029525	102	102	108	100
Blank	104	102	109	101
LCS	103	104	108	105
MS	104	105	109	107
MSD	102	104	108	104

*- Outside of specification

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

Quality Control Summary

Client Name: Chevron
Reported: 04/26/07 at 09:43 AM

Group Number: 1033792

Surrogate Quality Control

Limits: 80-116

77-113

80-113

78-113

*- Outside of specification

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

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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