GETTLER-RYAN INC.

TRANSMITTAL

November 12, 2008
G-R #386895

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

CC: Mr. Aaron Costa
Chevron EMC
6111 Bollinger Canyon Road
Room 3660
San Ramon, California 94583
(VIA PDF)

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	November 6, 2008	Groundwater Monitoring and Sampling Report **Fourth Quarter Event of October 9, 2008**

COMMENTS:

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

Mr. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
(Distributed by Conestoga-Rovers & Associates via PDF)

Enclosures

trans/9-3600-AC

Aaron Costa
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6111 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 543-2961
Fax (925) 543-2324
acosta@chevron.com

November 12, 2008

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

Re: Chevron Service Station No. 9-3600
Address 2200 Telegraph Ave.

I have reviewed the attached routine groundwater monitoring report dated November 12, 2008.

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 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,

Aaron Costa
Project Manager

Attachment: Report

WELL CONDITION STATUS SHEET

Client/Facility #: **Chevron #9-3600** Job # **386895**

Site Address: **2200 Telegraph Avenue** Event Date: 10-9-08

City: **Oakland, CA** Sampler: AW

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

Comments

GETTLER-RYAN INC.

November 6, 2008
G-R Job #386895

Mr. Aaron Costa
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Room 3660
San Ramon, CA 94583

RE: Fourth Quarter Event of October 9, 2008
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-3600
2200 Telegraph Avenue
Oakland, California

Dear Mr. Costa:

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. All groundwater and decontamination water generated during sampling activities was removed from the site, per the Standard Operating Procedure.

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

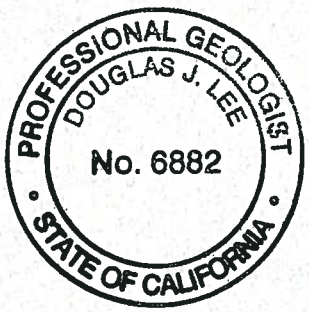

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

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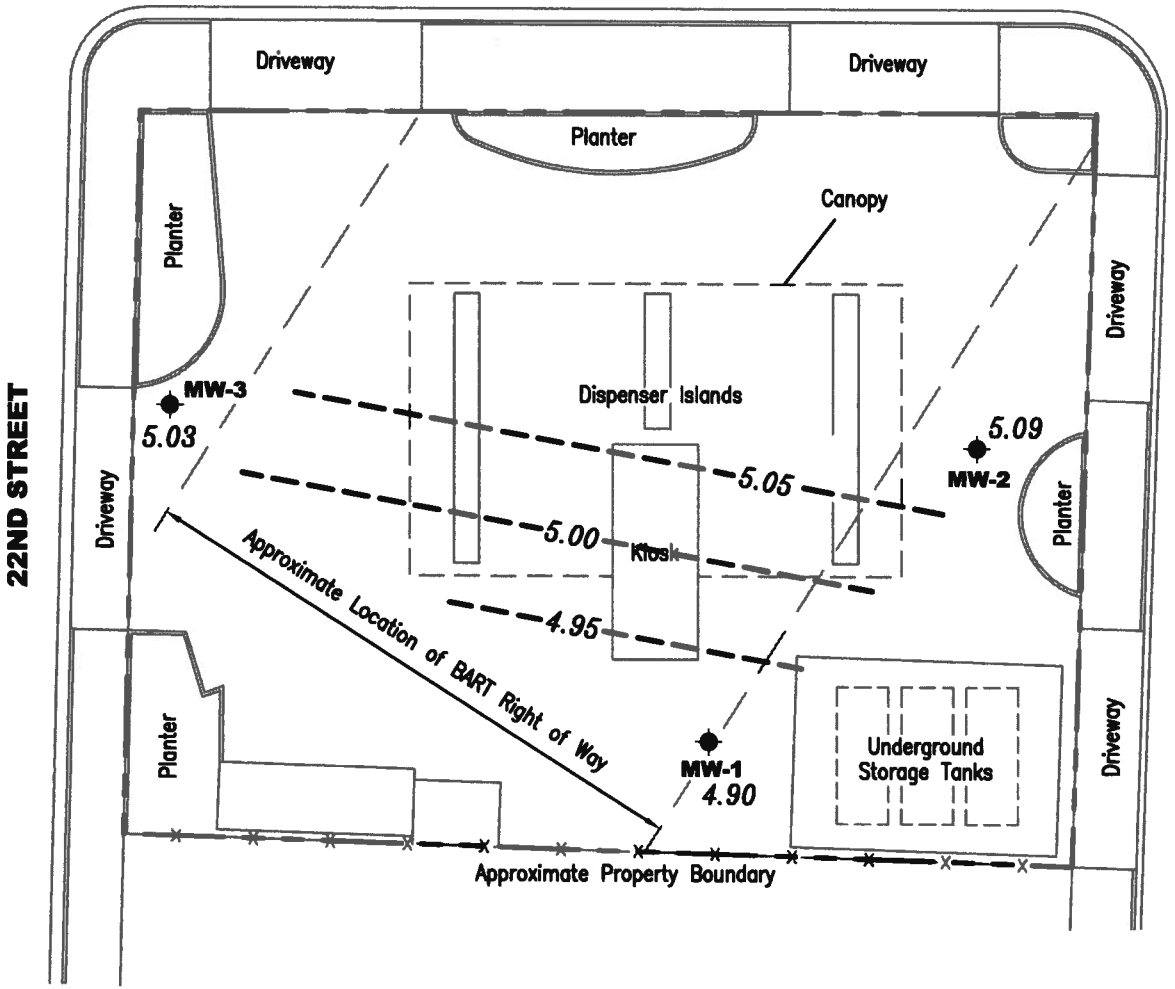

EXPLANATION

- Groundwater monitoring well
- 99.99 — Groundwater elevation in feet referenced to Mean Sea Level
- --99.99-- — Groundwater elevation contour, dashed where inferred

Approximate groundwater flow direction at a gradient of 0.004 Ft./Ft.

N

0 30

Scale in Feet

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	REVIEWED BY	DATE	REVISED DATE
386895		October 9, 2008	

FILE NAME: P:\Enviro\Chevron\9-3600\Q08-9-3600.dwg | Layout Tab: Pot3

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 (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
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
04/11/07[3]	17.07	11.87	5.20	1,900	<0.5	<0.5	4	<0.5	39
07/27/07[3]	17.07	11.91	5.16	1,500	<0.5	<0.5	0.6	<0.5	56
10/22/07[3]	17.07	--[4]	--	610	<0.5	<0.5	<0.5	<0.5	65
11/26/07	17.07	11.96	5.11	--	--	--	--	--	--
01/21/08[3]	17.07	11.78	5.29	1,100	<0.5	<0.5	0.8	<0.5	48
04/04/08[3]	17.07	11.83	5.24	1,600	<0.5	<0.5	<0.5	<0.5	53
07/21/08[3]	17.07	12.10	4.97	950	<0.5	<0.5	<0.5	<0.5	72
10/09/08[3]	**17.07**	**12.17**	**4.90**	**960**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**59**
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]

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 (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-2 (cont)									
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
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
07/27/07[3]	16.82	11.27	5.55	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/22/07[3]	16.82	--[4]	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/07	16.82	11.31	5.51	--	--	--	--	--	--
01/21/08[3]	16.82	11.08	5.74	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08[3]	16.82	11.12	5.70	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/21/08[3]	16.82	11.56	5.26	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/09/08[3]	**16.82**	**11.73**	**5.09**	**<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

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 (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-3 (cont)									
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
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
07/27/07[3]	16.52	11.38	5.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/22/07[3]	16.52	--[4]	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/26/07	16.52	11.35	5.17	--	--	--	--	--	--
01/21/08[3]	16.52	11.16	5.36	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08[3]	16.52	11.15	5.37	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/21/08[3]	16.52	11.38	5.14	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/09/08[3]	**16.52**	**11.49**	**5.03**	**<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

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 (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
QA (cont)									
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
07/27/07[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/22/07[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
01/21/08[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
04/04/08[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/21/08[3]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
10/09/08[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

(µg/L) = Micrograms per liters
-- = 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.

[4] DTW measurements were not recorded correctly.

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-3600

2200 Telegraph Avenue

Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
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
	07/27/07	<50	8	56	<0.5	<0.5	0.8
	10/22/07	<50	5	65	<0.5	<0.5	0.7
	01/21/08	<50	5	48	<0.5	<0.5	0.7
	04/04/08	<50	6	53	<0.5	<0.5	0.6
	07/21/08	<50	11	72	<0.5	<0.5	0.7
	10/09/08	**<50**	**5**	**59**	**<0.5**	**<0.5**	**0.5**
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

Table 2

Groundwater Analytical Results - Oxygenate Compounds

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

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-2 (cont)	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
	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
	07/25/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/22/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	01/21/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/04/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	07/21/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/09/08	**<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

Table 2

Groundwater Analytical Results - Oxygenate Compounds

Chevron Service Station #9-3600

2200 Telegraph Avenue

Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-3 (cont)	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
	07/27/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/22/07	<50	<2	<0.5	<0.5	<0.5	<0.5
	01/21/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	04/04/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	07/21/08	<50	<2	<0.5	<0.5	<0.5	<0.5
	10/09/08	**<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 = t-Butyl alcohol

MTBE = Methyl Tertiary Butyl Ether

DIPE = di-Isopropyl ether

ETBE = Ethyl t-butyl ether

TAME = t-Amyl methyl ether

(µg/L) = Micrograms per liters

-- = 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 Hills, 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: 10-9-08 (inclusive)
City: Oakland, CA | Sampler: AW

Well ID: MW- 1 | Date Monitored: 10-9-08
Well Diameter: 2 in.
Total Depth: 20.13 ft.
Depth to Water: 12.17 ft.

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

☐ Check if water column is less then 0.50 ft.

7.96 xVF .17 = 1.35 x3 case volume = Estimated Purge Volume: 4.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.76

Purge Equipment:
- Disposable Bailer: ✓
- Stainless Steel Bailer:
- Stack Pump:
- Suction Pump:
- Grundfos:
- Peristaltic Pump:
- QED Bladder Pump:
- Other:

Sampling Equipment:
- Disposable Bailer: ✓
- Pressure Bailer:
- Discrete Bailer:
- Peristaltic Pump:
- QED Bladder Pump:
- 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): 1020 | Weather Conditions: Sunny
Sample Time/Date: 1045 / 10-9-08 | Water Color: Cloudy | Odor: (Y) N Slight
Approx. Flow Rate: — gpm. | Sediment Description: Cloudy
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 13.76

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1025	1.5	6.87	657	20.4		
1029	3.0	6.81	665	21.1		
1033	4.0	6.89	672	21.0		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-3600 | Job Number: 386895
Site Address: 2200 Telegraph Avenue | Event Date: 10-9-08 (inclusive)
City: Oakland, CA | Sampler: AW

Well ID: MW-2
Well Diameter: 2 in.
Total Depth: 20.19 ft.
Depth to Water: 11.73 ft.
8.46 xVF .17 = 1.43 x3 case volume = Estimated Purge Volume: 4.5 gal.

Date Monitored: 10-9-08

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

☐ Check if water column is less then 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.42

Purge Equipment:
Disposable Bailer ✓
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer ✓
Pressure Bailer
Discrete Bailer
Peristaltic Pump
QED Bladder Pump
Other:

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

Start Time (purge): 0945 | Weather Conditions: Clear/Sunny
Sample Time/Date: 1010 / 10-9-08 | Water Color: Clear | Odor: Y / N
Approx. Flow Rate: — gpm. | Sediment Description: Clear
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 13.13

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0950	1.5	6.93	903	20.6		
0954	3.0	6.84	895	20.4		
1000	4.5	6.84	896	20.2		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #9-3600 | Job Number: 386895
Site Address: 2200 Telegraph Avenue | Event Date: 10.9.04 (inclusive)
City: Oakland, CA | Sampler: AW

Well ID: MW-3 | Date Monitored: 10.9.04
Well Diameter: 2 in.
Total Depth: 20.13 ft.
Depth to Water: 11.49 ft.

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

☐ Check if water column is less then 0.50 ft.

8.64 x VF [illegible] = 1.46 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.22

Purge Equipment:
- Disposable Bailer: ✓
- Stainless Steel Bailer:
- Stack Pump:
- Suction Pump:
- Grundfos:
- Peristaltic Pump:
- QED Bladder Pump:
- Other:

Sampling Equipment:
- Disposable Bailer: ✓
- Pressure Bailer:
- Discrete Bailer:
- Peristaltic Pump:
- QED Bladder Pump:
- 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): 0915 | Weather Conditions: Sunny
Sample Time/Date: 0935 / 10-9-04 | Water Color: Clear | Odor: Y / N
Approx. Flow Rate: — gpm. | Sediment Description: Clear
Did well de-water? N | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 13.01

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0918	1.5	6.89	654	19.4		
0922	3.0	6.94	667	20.7		
0925	4.5	6.97	655	21.1		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: _____ Add/Replaced Plug: _____ Add/Replaced Bolt: _____

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

A10904 / Grp. 1114440 ... Acct. #: 11440

For Lancaster Laboratories use only

Sample # 5495000-03 Group #: 004380

Facility #: SS#9-3600 (OML) G-R#386895 Global ID#T0600161613

Site Address: 2200 TELEGRAPH AVENUE, OAKLAND, CA

Chevron PM: AC Lead Consultant: CRACE

Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568

Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)

Consultant Phone #: 925-551-7555 Fax #: 925-551-7899

Sampler: Alex Wong

Matrix: Soil / Water (☐ Potable ☐ NPDES) / Oil ☐ Air

Analyses Requested / Preservation Codes

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil / Air	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐ (H)	TPH 8015 MOD GRO (H)	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	5 Oxygenates (8260) (H)	Total Lead Method	Dissolved Lead Method	ETHANOL (8260) (H)
QA	10-9-08	—	X			X		2	X	X						
MW-1	↓		X			X		6	X	X			X			X
MW-2	↓		X			X		6	X	X			X			X
MW-3	↓		X			X		6	X	X			X			X

Preservative Codes

H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

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

8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)

(STD. TAT) 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)

QC Summary Type I - Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed EDF/EDD
WIP (RWQCB)
Disk

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	10-9-08	1140	A. Arteaga [signature]	09 OCT 08	1140
A. Arteaga [signature]	09 OCT 08	1638	DHL		

Relinquished by Commercial Carrier: UPS FedEx Other DHL

Received by: [signature] Date 10/10/08 Time 1000

Temperature Upon Receipt 1.7-4.6 C°

Custody Seals Intact? Yes (No)

Lancaster Laboratories

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

Analysis Report

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 1114440. Samples arrived at the laboratory on Friday, October 10, 2008. The PO# for this group is 0015025028 and the release number is COSTA.

Client Description	Lancaster Labs Number
QA-T-081009 NA Water	5495000
MW-1-W-081009 Grab Water	5495001
MW-2-W-081009 Grab Water	5495002
MW-3-W-081009 Grab Water	5495003

ELECTRONIC COPY TO CRA c/o Gettler-Ryan Attn: Cheryl Hansen

Lancaster Laboratories

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

Analysis Report

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300

Respectfully Submitted,

Tracy A. Cole
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Lancaster Laboratories Sample No. WW5495000 **Group No. 1114440**

QA-T-081009 NA Water
Facility# 93600 Job# 386895 GRD
2200 Telegraph-Oakland T0600161613 QA
Collected:10/09/2008

Account Number: 10904

Submitted: 10/10/2008 10:00
Reported: 10/22/2008 at 10:06
Discard: 11/22/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

109TB

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
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 Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	10/16/2008 05:09	Carrie E Youtzy	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	10/15/2008 04:52	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/16/2008 05:09	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/15/2008 04:52	Michael A Ziegler	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5495001 **Group No. 1114440**

MW-1-W-081009 Grab Water
Facility# 93600 Job# 386895 GRD
2200 Telegraph-Oakland T0600161613 MW-1
Collected:10/09/2008 by AW

Submitted: 10/10/2008 10:00
Reported: 10/22/2008 at 10:06
Discard: 11/22/2008

10901

Account Number: 10904

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	960	50	ug/l	1
06059	BTEX+5 Oxygenates+ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	59	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	0.5	0.5	ug/l	1
02015	t-Butyl alcohol	75-65-0	5	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	10/16/2008 05:31	Carrie E Youtzy	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	10/15/2008 11:07	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/16/2008 05:31	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/15/2008 11:07	Ginelle L Feister	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5495002 **Group No. 1114440**

MW-2-W-081009 Grab Water
Facility# 93600 Job# 386895 GRD
2200 Telegraph-Oakland T0600161613 MW-2
Collected:10/09/2008 by AW

Submitted: 10/10/2008 10:00
Reported: 10/22/2008 at 10:06
Discard: 11/22/2008

10902

Account Number: 10904

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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
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	10/16/2008 05:53	Carrie E Youtzy	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	10/15/2008 12:18	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/16/2008 05:53	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/15/2008 12:18	Ginelle L Feister	1

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Analysis Report

Lancaster Laboratories Sample No. WW5495003 **Group No. 1114440**

MW-3-W-081009 Grab Water
Facility# 93600 Job# 386895 GRD
2200 Telegraph-Oakland T0600161613 MW-3
Collected:10/09/2008 by AW

Submitted: 10/10/2008 10:00
Reported: 10/22/2008 at 10:06
Discard: 11/22/2008

10903

Account Number: 10904

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

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
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	10/16/2008 06:14	Carrie E Youtzy	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	10/15/2008 12:42	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/16/2008 06:14	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	10/15/2008 12:42	Ginelle L Feister	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Reported: 10/22/08 at 10:06 AM

Group Number: 1114440

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: 08289B20A	Sample number(s): 5495000-5495003							
TPH-GRO - Waters	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: D082883AA	Sample number(s): 5495000							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		73-119		
Benzene	N.D.	0.5	ug/l	97		78-119		
Toluene	N.D.	0.5	ug/l	89		85-115		
Ethylbenzene	N.D.	0.5	ug/l	86		82-119		
Xylene (Total)	N.D.	0.5	ug/l	89		83-113		
Batch number: D082891AA	Sample number(s): 5495001-5495003							
Ethanol	N.D.	50.	ug/l	106		45-156		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	102		73-119		
di-Isopropyl ether	N.D.	0.5	ug/l	90		70-123		
Ethyl t-butyl ether	N.D.	0.5	ug/l	91		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	89		79-113		
t-Butyl alcohol	N.D.	2.	ug/l	84		74-117		
Benzene	N.D.	0.5	ug/l	95		78-119		
Toluene	N.D.	0.5	ug/l	91		85-115		
Ethylbenzene	N.D.	0.5	ug/l	88		82-119		
Xylene (Total)	N.D.	0.5	ug/l	92		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: 08289B20A	Sample number(s): 5495000-5495003 UNSPK: 5495002								
TPH-GRO - Waters	100		63-154						
Batch number: D082883AA	Sample number(s): 5495000 UNSPK: P491010								
Methyl Tertiary Butyl Ether	96	103	69-127	7	30				
Benzene	94	103	83-128	9	30				
Toluene	89	98	83-127	9	30				
Ethylbenzene	87	95	82-129	9	30				
Xylene (Total)	90	98	82-130	8	30				
Batch number: D082891AA	Sample number(s): 5495001-5495003 UNSPK: 5495001								
Ethanol	122	131	32-164	8	30				
Methyl Tertiary Butyl Ether	95	105	69-127	2	30				
di-Isopropyl ether	92	95	68-129	3	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: 10/22/08 at 10:06 AM

Group Number: 1114440

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
Ethyl t-butyl ether	91	92	78-119	1	30				
t-Amyl methyl ether	93	95	72-125	2	30				
t-Butyl alcohol	83	81	70-121	1	30				
Benzene	100	103	83-128	3	30				
Toluene	94	95	83-127	1	30				
Ethylbenzene	94	96	82-129	3	30				
Xylene (Total)	94	97	82-130	3	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: 08289B20A

	Trifluorotoluene-F
5495000	83
5495001	98
5495002	84
5495003	82
Blank	82
LCS	106
LCSD	105
MS	105
Limits:	63-135

Analysis Name: BTEX+MTBE by 8260B
Batch number: D082883AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5495000	97	99	89	97
Blank	96	101	91	98
LCS	94	100	88	96
MS	95	99	88	97
MSD	97	102	90	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+5 Oxygenates+ETOH
Batch number: D082891AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5495001	96	99	90	101
5495002	95	100	88	97
5495003	97	99	88	96
Blank	97	100	90	97
LCS	97	99	90	100
MS	94	100	87	97

*- 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: 10/22/08 at 10:06 AM

Group Number: 1114440

Surrogate Quality Control

MSD	97	98	89	100
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 limit of quantitation, 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 quatitated 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.