GETTLER-RYAN INC.

TRANSMITTAL

February 20, 2009
G-R #386895

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

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	February 18, 2009	Groundwater Monitoring and Sampling Report **First Quarter Event of January 21, 2009**

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced items for **your use and distribution (including PDF submittal of the entire report to Geo-Tracker)**:

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

February 20, 2009

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 February 20, 2009.

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
Site Address: 2200 Telegraph Avenue
City: Oakland, CA

Job # 386895
Event Date: 1-21-09
Sampler: Joe

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	O.K	O.K	O.K	Both S (1) of (2) B (Partially)	O.K	O.K	O.K	N	N	12" PEMCO / 2	No
MW-2	↓	↓	↓	O.K	↓	↓	↓	↓	↓	"	↓
MW-3	↓	↓	↓	O.K	↓	↓	↓	↓	↓	"	↓

Comments

GETTLER-RYAN INC.

February 18, 2009
G-R Job #386895

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

RE: First Quarter Event of January 21, 2009
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

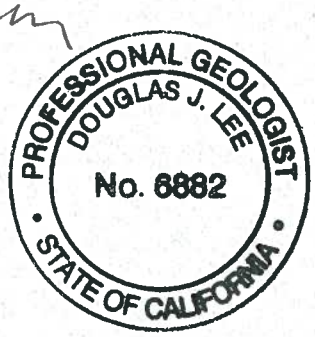

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
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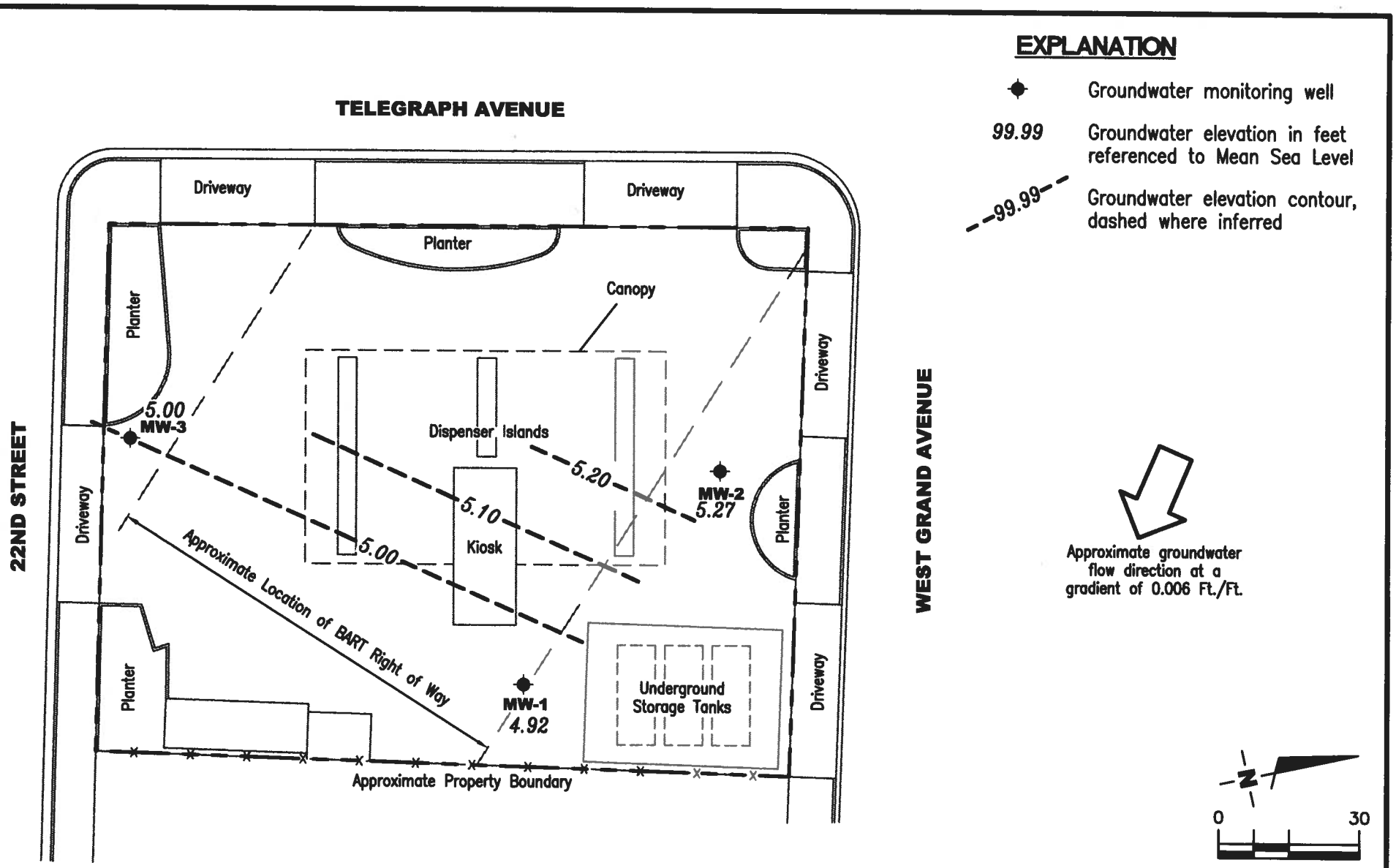

Source: Figure modified from drawing provided by Morrow Surveying April 17, 2002

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		January 21, 2009	

FILE NAME: P:\Enviro\Chevron\9-3600\Q09-9-3600.dwg | Layout Tab: Pot1

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
01/21/09[3]	**17.07**	**12.15**	**4.92**	**840**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**31**

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									
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
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
01/21/09[3]	**16.82**	**11.55**	**5.27**	**<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)
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
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
01/21/09[3]	**16.52**	**11.52**	**5.00**	**<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)
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
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
01/21/09[3]	**--**	**--**	**--**	**<50[5]**	**<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 liter

-- = 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.

[5] Laboratory report indicates the original analysis was performed on an instrument where the ending calibration standard failed the method criteria. The sample was originally analyzed approximately 30 minutes after the LCS/LCSD. The LCS/LCSD showed good GRO recovery and the surrogate recovery for this sample was 85%. The sample was reanalyzed from a vial with headspace since only 1 vial was submitted. The results for the original and the reanalysis were similar. The reanalysis was reported.

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
	01/21/09	**<50**	**5**	**31**	**<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

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)	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
	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
	01/21/09	**<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

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)	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
	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
	01/21/09	**<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 liter
-- = 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: 1-21-09 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW-1 Date Monitored: 1-21-09
Well Diameter 2 in.
Total Depth 20.19 ft.
Depth to Water 12.15 ft. ☐ Check if water column is less then 0.50 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

8.04 xVF 0.17 = 1.37 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.75

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

Start Time (purge): 1132 Weather Conditions: cloudy
Sample Time/Date: 1202 1-21-09 Water Color: clear Odor: (Y) / N strong
Approx. Flow Rate: ~ gpm. Sediment Description:
Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.69

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature ((C) F)	D.O. (mg/L)	ORP (mV)
1140	1.5	6.68	843	16.9		
1145	3	6.71	851	17.0		
1151	4.5	6.72	857	17.2		

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: 1-21-09 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW- 2 Date Monitored: 1-21-09
Well Diameter 2 in.
Total Depth 20.21 ft.
Depth to Water 11.55 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.

8.66 xVF 0.17 = 1.47 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.28

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

Start Time (purge): 1046 Weather Conditions: cloudy
Sample Time/Date: 1120 1-21-09 Water Color: clear Odor: Y / (N)
Approx. Flow Rate: ~ gpm. Sediment Description:
Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.03

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1053	1.5	7.31	1097	16.8		
1100	3	7.30	1114	17.3		
1106	4.5	7.27	1120	17.4		

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: 1-21-09 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW-3 Date Monitored: 1-21-09
Well Diameter 2 in.
Total Depth 20.14 ft.
Depth to Water 11.52 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.

8.62 xVF 0.17 = 1.47 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.24

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

Start Time (purge): 1000 Weather Conditions: Cloudy
Sample Time/Date: 1035 1-21-09 Water Color: clear Odor: Y / (N)
Approx. Flow Rate: gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal. DTW @ Sampling: 11.97

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1012	1.5	7.48	1269	17.3		
1018	3	7.52	1237	17.1		
1024	4.5	7.43	1229	17.4		

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 Californic Region Analysis Request/Chain of Custody

Lancaster Laboratories 012109-09

For Lancaster Laboratories use only
Acct. #: 10904 Sample # 5582202-65 Group #: 009507
Group# 1129072

Facility #: SS#9-3600-OML G-R#386895 Global ID#T0600161613
Site Address: 2200 TELEGRAPH AVENUE, OAKLAND, CA
Chevron PM: AC CRACE Lead Consultant: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant/Office: Deanna L. Harding (deanna@grinc.com)
Consultant Prj. Mgr.:
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: JOE AJEMIAN

Analyses Requested

Preservation Codes

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water (☐ Potable ☐ NPDES)	Oil ☐ Air	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	5 Oxygenates + Ethanol (8260)	Total Lead Method ____	Dissolved Lead Method ____
QA	—	—	✓			✓		2	✓	✓					
MW-1	1-21-09	1202	↓			↓		6	✓	✓			2		
MW-2	↓	1120						6	✓	✓			✓		
MW-3	↓	1035	↓			↓		6	✓	✓			✓		

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
WIP (RWQCB)
Disk
EDF/EDD

	Date	Time		Date	Time
Relinquished by:	1-21-09	1250	Received by:	1/21/09	1250
Relinquished by:	1/21/09	1620	Received by: FedEx		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	1/22/09	0810
Temperature Upon Receipt 08-22 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 L43
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 1129072. Samples arrived at the laboratory on Thursday, January 22, 2009. The PO# for this group is 0015025028 and the release number is COSTA.

Client Description	Lancaster Labs Number
QA-T-090121 NA Water	5582262
MW-1-W-090121 Grab Water	5582263
MW-2-W-090121 Grab Water	5582264
MW-3-W-090121 Grab Water	5582265

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

Lancaster Laboratories

Analysis Report

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

Respectfully Submitted,

Valerie L. Tomayko
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5582262 **Group No. 1129072**

QA-T-090121 NA Water
Facility# 93600 Job# 386895 GRD
2200 Telegraph-Oakland T0600161613 QA
Collected:01/21/2009

Account Number: 10904

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 16:04
Discard: 03/06/2009

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TELQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	ug/l	1
	The original analysis was performed on an instrument where the ending calibration standard failed the method criteria. The sample was originally analyzed approximately 30 minutes after the LCS/LCSD. The LCS/LCSD showed good GRO recovery and the surrogate recovery for this sample was 85%. The sample was reanalyzed from a vial with headspace since only 1 vial was submitted. The results for the original and the reanalysis were similar. The reanalysis was reported.					
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 N. CA water C6-C12	SW-846 8015B	1	01/28/2009 19:50	Tyler O Griffin	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	01/26/2009 19:22	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/28/2009 19:50	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/26/2009 19:22	Kelly E Brickley	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5582263 **Group No. 1129072**

MW-1-W-090121 Grab Water
Facility# 93600 Job# 386895 GRD
2200 Telegraph-Oakland T0600161613 MW-1
Collected:01/21/2009 12:02 by JA

Account Number: 10904

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 16:04
Discard: 03/06/2009

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TELM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	840	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	31	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 N. CA water C6-C12	SW-846 8015B	1	01/28/2009 20:55	Tyler O Griffin	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	01/26/2009 17:03	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/28/2009 20:55	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/26/2009 17:03	Ginelle L Feister	1

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Analysis Report

Lancaster Laboratories Sample No. WW5582264 **Group No. 1129072**

MW-2-W-090121 Grab Water
Facility# 93600 Job# 386895 GRD
2200 Telegraph-Oakland T0600161613 MW-2
Collected:01/21/2009 11:20 by JA

Account Number: 10904

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 16:04
Discard: 03/06/2009

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TELM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	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 N. CA water C6-C12	SW-846 8015B	1	01/28/2009 21:17	Tyler O Griffin	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	01/26/2009 17:26	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/28/2009 21:17	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/26/2009 17:26	Ginelle L Feister	1

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Analysis Report

Lancaster Laboratories Sample No. WW5582265 **Group No. 1129072**

MW-3-W-090121 Grab Water
Facility# 93600 Job# 386895 GRD
2200 Telegraph-Oakland T0600161613 MW-3
Collected:01/21/2009 10:35 by JA

Account Number: 10904

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 16:04
Discard: 03/06/2009

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

TELM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	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 N. CA water C6-C12	SW-846 8015B	1	01/28/2009 21:39	Tyler O Griffin	1
06059	BTEX+5 Oxygenates+ETOH	SW-846 8260B	1	01/26/2009 17:50	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/28/2009 21:39	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/26/2009 17:50	Ginelle L Feister	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Group Number: 1129072
Reported: 02/03/09 at 04:04 PM

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: 09028A20A	Sample number(s): 5582262-5582265							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	109	109	75-135	0	30
Batch number: D090261AA	Sample number(s): 5582263-5582265							
Ethanol	N.D.	50.	ug/l	97		45-156		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	108		73-119		
di-Isopropyl ether	N.D.	0.5	ug/l	89		70-123		
Ethyl t-butyl ether	N.D.	0.5	ug/l	97		74-120		
t-Amyl methyl ether	N.D.	0.5	ug/l	100		79-113		
t-Butyl alcohol	N.D.	2.	ug/l	98		74-117		
Benzene	N.D.	0.5	ug/l	94		78-119		
Toluene	N.D.	0.5	ug/l	99		85-115		
Ethylbenzene	N.D.	0.5	ug/l	97		82-119		
Xylene (Total)	N.D.	0.5	ug/l	99		83-113		
Batch number: F090261AA	Sample number(s): 5582262							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		73-119		
Benzene	N.D.	0.5	ug/l	90		78-119		
Toluene	N.D.	0.5	ug/l	99		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		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: 09028A20A	Sample number(s): 5582262-5582265 UNSPK: 5582265								
TPH-GRO N. CA water C6-C12	136		63-154						
Batch number: D090261AA	Sample number(s): 5582263-5582265 UNSPK: P579018								
Ethanol	111	117	32-164	5	30				
Methyl Tertiary Butyl Ether	104	101	69-127	3	30				
di-Isopropyl ether	93	93	68-129	0	30				
Ethyl t-butyl ether	102	100	78-119	2	30				
t-Amyl methyl ether	107	103	72-125	4	30				
t-Butyl alcohol	95	95	70-121	0	30				
Benzene	102	100	83-128	2	30				
Toluene	105	105	83-127	0	30				
Ethylbenzene	102	102	82-129	1	30				
Xylene (Total)	105	104	82-130	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: 02/03/09 at 04:04 PM

Group Number: 1129072

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: F090261AA	Sample number(s): 5582262 UNSPK: P582267								
Methyl Tertiary Butyl Ether	100	96	69-127	4	30				
Benzene	97	92	83-128	5	30				
Toluene	107	100	83-127	7	30				
Ethylbenzene	107	101	82-129	6	30				
Xylene (Total)	110	103	82-130	6	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 N. CA water C6-C12
Batch number: 09028A20A

	Trifluorotoluene-F
5582262	86
5582263	108
5582264	88
5582265	85
Blank	84
LCS	120
LCSD	122
MS	134
Limits:	63-135

Analysis Name: BTEX+5 Oxygenates+ETOH
Batch number: D090261AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5582263	85	85	88	105
5582264	89	90	89	102
5582265	90	89	88	101
Blank	90	95	90	97
LCS	89	97	90	100
MS	94	97	91	102
MSD	90	97	89	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: F090261AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5582262	92	86	95	93
Blank	91	86	95	93
LCS	96	89	98	97
MS	92	86	95	95

*- 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.

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Analysis Report

Quality Control Summary

Client Name: Chevron
Group Number: 1129072
Reported: 02/03/09 at 04:04 PM

Surrogate Quality Control

MSD	91	86	94	93
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.