



GETTLER-RYAN INC.

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9:46 am, Jul 11, 2008

Alameda County
Environmental Health

TRANSMITTAL

July 10, 2008

G-R #386395

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

CC: Mr. Ian Robb
Chevron Environmental
Management Company
6111 Bollinger Canyon Road
Room 3612
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
#9-9708
5910 MacArthur Boulevard
Oakland, California
RO 0000124**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	July 3, 2008	Groundwater Monitoring and Sampling Report Second Quarter Event of June 6, 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 CRA via PDF**)

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **July 24, 2008**, at which time this final report will be distributed to the following:

cc: Mr. Nisson Saidion, 5910 MacArthur Boulevard, Oakland, CA 94605

Enclosures



Ian Robb
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-9496
Fax (925) 842-8370
ianrobb@chevron.com

July 10, 2008

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

RE: Chevron Service Station # - 9-9708

Address 5910 MacArthur Blvd., Oakland, California

I have reviewed the attached routine groundwater monitoring report dated July 10, 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 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,

A handwritten signature in black ink, appearing to read "Ian Robb", written in a cursive style.

Ian Robb

Attachment: Report

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-9708
 Site Address: 5910 Macarthur Blvd.
 City: Oakland, CA

Job # 386395
 Event Date: 6-6-08
 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-Ring M	O.K	O.K	O.K	O.K	O.K	N	N	8" Boert / 2	NO
mw-2	O.K	O-Ring M	↓	All (3) S	O.K	↓	O.K	↓	↓	"	Picture: 3-16-07
mw-3	O.K	O-Ring M	↓	All (3) S	C	↓	Can't secure plug: TOC too close.	↓	↓	"	Picture: 3-16-07
mw-4	O.K	O.K	↓	O.K	O.K	↓	O.K	↓	↓	6" Morrison / 2	NO
mw-5	Box below grade	O.K	↓	↓	↓	↓	↓	↓	↓	8" Morrison / 2	↓
mw-6	O.K	O.K	↓	↓	↓	↓	↓	↓	↓	"	↓
										"	↓

Comments _____



GETTLER-RYAN INC.

July 3, 2008
G-R Job #386395

Mr. Ian Robb
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Room 3612
San Ramon, CA 94583

RE: Second Quarter Event of June 6, 2008
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

Dear Mr. Robb:

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

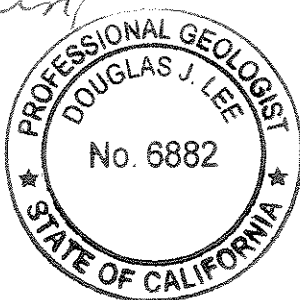
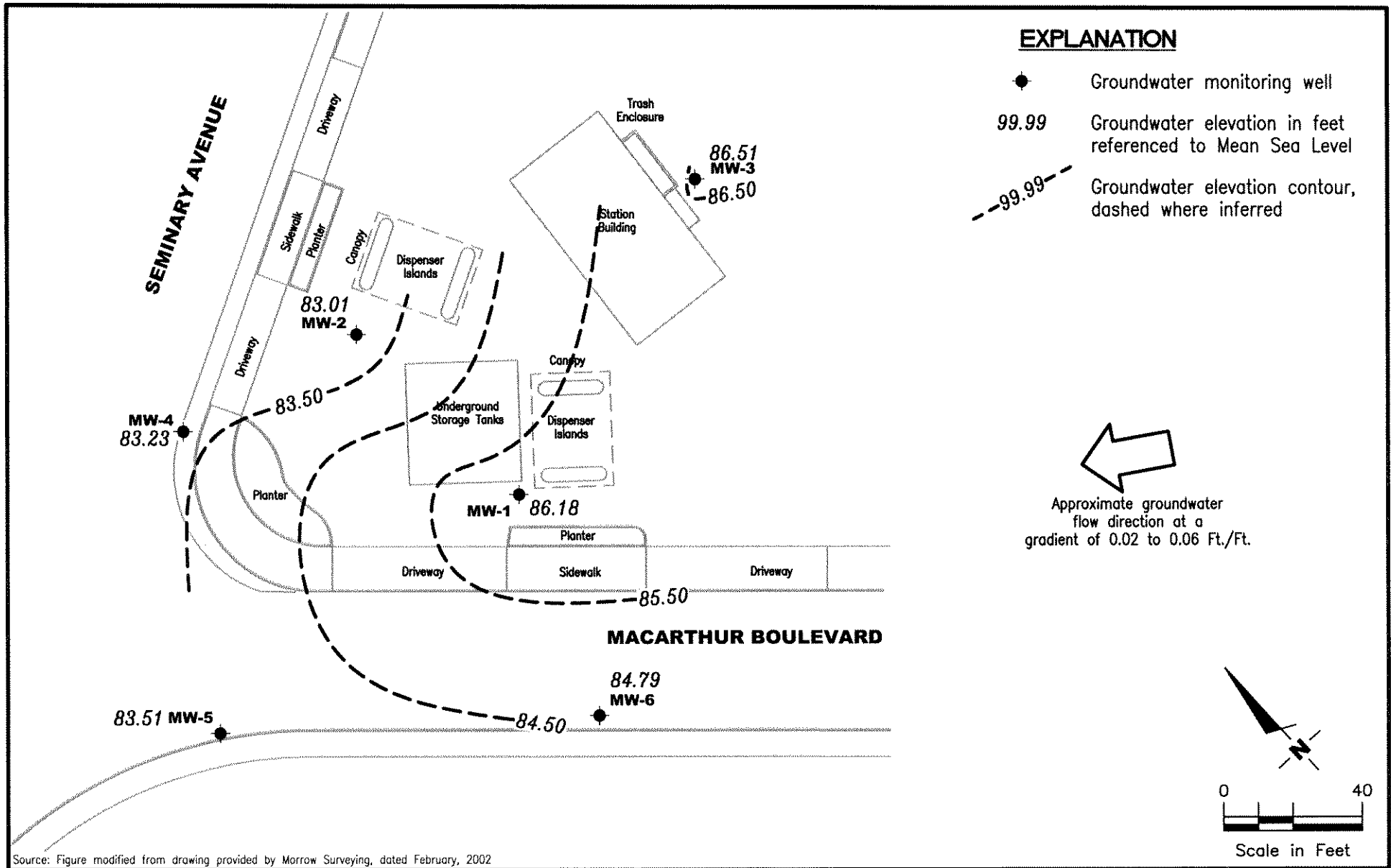


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by Morrow Surveying, dated February, 2002

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

POTENTIOMETRIC MAP
 Chevron Service Station #9-9708
 5910 MacArthur Boulevard
 Oakland, California

FIGURE

1

PROJECT NUMBER
 386395

REVIEWED BY

DATE
 June 6, 2008

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	1,2-DCB◆ (ppb)	1,2-DCA◆ (ppb)	HVOCs◆ (ppb)
MW-1														
05/29/97	96.61	84.41	12.20	--	--	--	--	--	--	--	--	--	--	--
06/04/97	96.61	84.40	12.21	--	380	58	1.2	5.4	40	85	--	--	--	--
09/16/97	96.61	83.84	12.77	--	420	120	<0.5	19	2.7	28	--	--	--	--
12/17/97	96.61	85.43	11.18	--	210 ¹	43	0.61	11	0.61	69	--	--	--	--
03/18/98	96.61	84.59	12.02	--	210 ¹	47	<0.5	8.2	<0.5	92	--	--	--	--
06/28/98	96.61	83.99	12.62	--	<50	<0.5	<0.5	<0.5	<0.5	66	--	--	--	--
09/07/98	96.61	82.32	14.29	--	<50	6.7	<0.5	<0.5	<0.5	92	--	--	--	--
12/29/98	96.61	83.18	13.43	--	<100	<1.0	<1.0	2.24	1.14	278	--	--	--	--
03/11/99	96.61	83.80	12.81	--	110	<1.0	<1.0	7.95	<1.0	418	--	--	--	--
05/04/99	96.61	83.85	12.76	--	--	--	--	--	--	--	--	--	--	--
06/29/99	96.61	84.06	12.55	--	352	34.6	<2.5	51	<2.5	780	--	--	--	--
09/29/99	96.61	83.21	13.40	--	647	167	<2.5	58.6	14.8	1,570	--	--	--	--
12/08/99	96.61	85.70	10.91	--	481	121	1.16	17.9	11	3,910	--	--	--	--
03/01/00	96.61	85.46	11.15	--	2,580	481	6.84	86.6	41.9	5,460	--	--	--	--
06/23/00	96.61	83.68	12.93	--	900 ⁴	120	<5.0	22	6.7	5,400	--	--	--	--
09/30/00	96.61	83.07	13.54	--	1,300 ⁴	450	5.5	170	11	2,000	--	--	--	--
12/08/00	96.61	83.63	12.98	--	<1,000	41.7	<10.0	11.5	<10.0	6,030	--	--	--	--
03/01/01	96.61	84.94	11.67	--	340 ⁷	36.6	<0.500	10.1	<0.500	3,360	--	--	--	--
06/19/01	96.61	83.94	12.67	--	610 ⁴	110	<5.0	9.2	<5.0	110	--	--	--	--
09/18/01	96.61	83.48	13.13	--	200	32	0.55	3.0	<1.5	1,600	--	--	--	--
12/26/01	96.61	85.14	11.47	--	140	9.1	<0.50	1.2	<1.5	1,900	--	--	--	--
03/06/02	97.52	86.38	11.14	--	93	7.0	<0.50	0.72	<1.5	1,000	--	--	--	--
06/21/02	97.52	84.92	12.60	--	93	8.2	<0.50	1.2	<1.5	1,300	--	--	--	--
09/27/02	97.52	84.38	13.14	--	78	1.5	<0.50	<0.50	<1.5	1,200	--	--	--	--
12/26/02	97.52	87.74	9.78	--	86	1.7	<0.50	<0.50	<1.5	600	--	--	--	--
03/28/03	97.52	85.96	11.56	--	190	24	<0.50	2.4	<1.5	1,200	--	--	--	--
06/16/03 ¹¹	97.52	85.96	11.56	--	<50	3	<0.5	<0.5	<0.5	220	--	--	--	--
09/15/03 ¹¹	97.52	85.21	12.31	--	53	3	<0.5	<0.5	<0.5	580	<50	--	--	--
12/15/03 ¹¹	97.52	86.35	11.17	--	<50	<0.5	0.7	<0.5	0.8	410	<50	--	--	--
03/05/04 ¹¹	97.52	86.09	11.43	--	760	110	2	12	2	460	<50	--	--	--
06/18/04 ¹¹	97.52	85.40	12.12	--	1,400	200	3	7	2	740	<50	--	--	--
09/17/04 ¹¹	97.52	85.12	12.40	--	920	48	<0.5	<0.5	<0.5	340	<50	--	--	--
12/17/04 ¹¹	97.52	86.78	10.74	--	190	9	<0.5	<0.5	<0.5	110	<50	--	--	--
03/14/05 ¹¹	97.52	87.67	9.85	--	120	5	<0.5	<0.5	<0.5	130	<50	--	--	--
06/13/05 ¹¹	97.52	85.61	11.91	--	110	6	<0.5	<0.5	<0.5	130	<50	--	--	--
09/12/05 ¹¹	97.52	85.31	12.21	--	290	10	<0.5	<0.5	<0.5	90	<50	--	--	--
12/12/05 ¹¹	97.52	86.50	11.02	--	150	1	<0.5	<0.5	0.8	53	<50	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	1,2-DCB◆ (ppb)	1,2-DCA◆ (ppb)	HVOCs◆ (ppb)
MW-1 (cont)														
03/13/06 ¹¹	97.52	87.97	9.55	--	82	0.8	<0.5	<0.5	<0.5	66	<50	--	--	--
06/12/06 ¹¹	97.52	86.52	11.00	--	140	4	<0.5	<0.5	<0.5	65	<50	--	--	--
09/11/06 ¹¹	97.52	85.99	11.53	--	210	3	<0.5	<0.5	<0.5	32	<50	--	--	--
12/15/06 ¹¹	97.52	88.13	9.39	--	190	1	<0.5	<0.5	<0.5	31	<50	--	--	--
03/16/07 ¹¹	97.52	86.02	11.50	--	99	0.8	<0.5	<0.5	<0.5	41	<50	--	--	--
06/15/07 ¹¹	97.52	86.46	11.06	--	210	10	<0.5	<0.5	<0.5	49	<50	--	--	--
09/14/07 ¹¹	97.52	85.14	12.38	--	270	6	<0.5	<0.5	<0.5	35	<50	--	--	--
12/07/07 ¹¹	97.52	84.88	12.64	--	90	0.7	<0.5	<0.5	<0.5	43	<50	--	--	--
03/07/08 ¹¹	97.52	85.54	11.98	--	110	<0.5	<0.5	<0.5	<0.5	32	<50	--	--	--
06/06/08¹¹	97.52	86.18	11.34	--	180	0.7	<0.5	<0.5	<0.5	29	<50	--	--	--
MW-2														
05/29/97	96.91	83.85	13.06	--	--	--	--	--	--	--	--	--	--	--
06/04/97	96.91	83.96	12.95	--	1,600	120	5.9	32	15	2,100	--	--	--	--
09/16/97	96.91	83.92	12.99	--	1,100	23	3.2	7.0	2.5	1,200	--	--	--	--
12/17/97	96.91	84.73	12.18	--	7,100 ¹	650	69	610	69	4,700/2,600 ²	--	--	--	--
03/18/98	96.91	84.21	12.70	--	5,900 ¹	250	<50	98	<50	12,000/7,100 ²	--	--	--	--
06/28/98	96.91	83.98	12.93	--	4,300	400	<10	<10	<10	3,000/4,000 ²	--	--	--	--
09/07/98	96.91	83.94	12.97	--	3,700	220	5.1	38	7.6	1,300/1,400 ²	--	--	--	--
12/29/98	96.91	83.99	12.92	--	6,500	573	26.8	131	33.9	2,660	--	--	--	--
03/11/99	96.91	84.04	12.87	--	4,970	651	30.8	60.3	<5.0	2,600	--	--	--	--
05/04/99	96.91	84.05	12.86	--	--	--	--	--	--	--	--	--	--	--
06/29/99	96.91	83.98	12.93	--	2,030	238	11.6	8.98	<5.0	540	--	--	--	--
09/29/99	96.91	84.02	12.89	--	2,000	320	10.4	16.5	20.3	642	--	--	--	--
12/08/99	96.91	86.18	10.73	--	96.8	2.74	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/01/00	96.91	84.31	12.60	--	<50	6.92	<0.5	<0.5	<0.5	254	--	--	--	--
06/23/00	96.91	83.98	12.93	--	1,700 ⁴	490	7.5	<5.0	7.7	770	--	--	--	--
09/30/00	96.91	83.95	12.96	--	2,000 ⁴	420	14	<10	<10	380	--	--	--	--
12/08/00	96.91	83.98	12.93	--	984	54.9	<2.50	4.15	<2.50	306	--	--	--	--
03/01/01	96.91	84.15	12.76	--	<50.0	4.16	<0.500	<0.500	<0.500	245	--	--	--	--
06/19/01	96.91	83.23	13.68	--	1,700 ⁴	250	9.2	<5.0	6.9	410	--	--	--	--
09/18/01	96.91	83.96	12.95	--	1,700	42	1.9	2.0	2.9	280	--	--	--	--
12/26/01	96.91	83.88	13.03	--	<50	0.50	<0.50	<0.50	<1.5	120	--	--	--	--
03/06/02	97.81	84.82	12.99	--	670	170	2.5	<0.50	<1.5	410	--	--	--	--
06/21/02	97.81	84.10	13.71	--	1,800	120	7.3	2.0	3.1	440	--	--	--	--
09/27/02	97.81	82.51	15.30	--	180	11	1.0	<0.50	<1.5	4,700	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	1,2-DCB◆ (ppb)	1,2-DCA◆ (ppb)	HVOCs◆ (ppb)
MW-2 (cont)														
12/26/02	97.81	84.81	13.00	--	<50	<0.50	<0.50	<0.50	<1.5	160	--	--	--	--
03/28/03	97.81	84.46	13.35	--	580	88	2.2	22	12	280	--	--	--	--
06/16/03 ¹¹	97.81	83.10	14.71	--	200	1	29	<0.5	<0.5	1,400	--	--	--	--
09/15/03 ¹¹	97.81	82.78	15.03	--	130	<1	<1	<1	<1	2,400	<130	--	--	--
12/15/03 ¹¹	97.81	84.84	12.97	--	<50	<0.5	<0.5	<0.5	<0.5	63	<50	--	--	--
03/05/04 ¹¹	97.81	84.79	13.02	--	<50	0.8	<0.5	<0.5	<0.5	49	<50	--	--	--
06/18/04 ¹¹	97.81	82.72	15.09	--	60	<0.5	<0.5	<0.5	<0.5	1,900	<50	--	--	--
09/17/04 ¹¹	97.81	82.46	15.35	--	66	<1	<1	<1	<1	2,100	<130	--	--	--
12/17/04 ¹¹	97.81	84.61	13.20	--	120	7	<0.5	<0.5	0.7	91	<50	--	--	--
03/14/05 ¹¹	97.81	84.79	13.02	--	390	69	0.8	10	2	74	<50	--	--	--
06/13/05 ¹¹	97.81	82.87	14.94	--	<50	6	<0.5	<0.5	<0.5	10	<50	--	--	--
09/12/05 ¹¹	97.81	82.62	15.19	--	77	<1	<1	<1	<1	1,400	<100	--	--	--
12/12/05 ¹¹	97.81	84.32	13.49	--	14,000	1,500	1,100	660	3,500	82	<250	--	--	--
03/13/06 ¹¹	97.81	84.97	12.84	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/12/06 ¹¹	97.81	83.19	14.62	--	<50	<0.5	<0.5	<0.5	<0.5	81	<50	--	--	--
09/11/06 ¹¹	97.81	82.59	15.22	--	73	<0.5	<0.5	<0.5	<0.5	170	<50	--	--	--
12/15/06 ¹¹	97.81	84.86	12.95	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
03/16/07 ¹¹	97.81	84.41	13.40	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/17/07 ¹¹	97.81	83.14	14.67	--	<50	0.9	<0.5	<0.5	<0.5	46	<50	--	--	--
09/14/07 ¹¹	97.81	82.70	15.11	--	<50	0.7	<0.5	<0.5	<0.5	170	<50	--	--	--
12/07/07 ¹¹	97.81	82.46	15.35	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
03/07/08 ¹¹	97.81	83.90	13.91	--	<50	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
06/06/08¹¹	97.81	83.01	14.80	--	<50	3	<0.5	<0.5	<0.5	78	<50	--	--	--
MW-3														
05/29/97	97.86	86.41	11.45	--	--	--	--	--	--	--	--	--	--	--
06/04/97 ³	97.86	86.58	11.28	1200	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	ND	1.0	--
09/16/97	97.86	85.67	12.19	2,700 ¹	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	97.86	87.06	10.80	1,200 ¹	<50	0.9	0.53	<0.5	<0.5	<2.5	--	--	--	--
03/18/98	97.86	86.98	10.88	820 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/28/98	97.86	86.26	11.60	1,100 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	0.99	ND	<0.5-<5.0
09/07/98	97.86	85.64	12.22	1,100 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	0.79	0.54	--
12/29/98	97.86	86.06	11.80	1,760 ¹	185	<0.5	<0.5	<0.5	0.669	<2.0	--	1.04	0.578	<0.5-<5.0
03/11/99	97.86	86.83	11.03	1440	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	<1.0	<1.0	<1.0-<20
05/04/99	97.86	86.43	11.43	--	--	--	--	--	--	--	--	--	--	--
06/29/99	97.86	85.71	12.15	690 ¹	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	0.754	<0.5	<0.5-<5.0

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	1,2-DCB◆ (ppb)	1,2-DCA◆ (ppb)	HVOCs◆ (ppb)
MW-3 (cont)														
09/29/99	97.86	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
12/08/99	97.86	88.43	9.43	1,000 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	<0.5	0.66	<0.5-<5.0
03/01/00	97.86	87.16	10.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	0.821	0.984	<0.5-<5.0
06/23/00	97.86	85.96	11.90	2,600 ⁵	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	<2.0	<2.0	<0.5-<2.0
09/30/00	97.86	85.45	12.41	1,100 ⁵	<50	<0.50	0.61	<0.50	0.82	2.7	--	<2.0	<2.0	<0.50-<2.0
12/08/00	97.86	85.78	12.08	870 ⁵	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	<2.0	<2.0	<0.50-<10
03/01/01	97.86	87.09	10.77	1,060 ⁶	60.9 ⁷	<0.500	<0.500	<0.500	<0.500	<2.50	--	0.545	0.528	<0.500-<5.00
06/19/01	97.86	85.87	11.99	120 ⁵	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	<1.2	<1.6	<0.50-<2.0
09/18/01	97.86	85.19	12.67	4,800	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2 ⁸
12/26/01	97.86	86.92	10.94	5,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
03/06/02	98.78	87.20	11.58	30,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
06/21/02	98.78	86.23	12.55	3,800 ¹⁰	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
09/27/02	98.78	85.93	12.85	2,000	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
12/26/02	98.78	87.87	10.91	3,600	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<2 ⁸	<1-<2.0 ⁸
03/28/03	98.78	86.77	12.01	2,100	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	<1 ⁸	<1 ⁸	<0.8-<2 ⁸
06/16/03 ¹¹	98.78	86.79	11.99	2,400	<50	<0.5	<0.5	<0.5	<1	<0.5	--	<1 ⁸	0.8 ⁸	<0.5-<2 ⁸
09/15/03 ¹¹	98.78	86.07	12.71	4,300	<50	<0.5	<0.5	<0.5	<1	<0.5	<50	<1 ⁸	0.8 ⁸	<0.8-<2 ⁸
12/15/03 ¹¹	98.78	87.23	11.55	3,200	<50	<0.5	0.7	<0.5	0.7	<0.5	<50	<1 ⁸	0.8 ⁸	<0.8-<2 ⁸
03/05/04 ¹¹	98.78	87.66	11.12	8,000	<50	<0.5	0.6	<0.5	0.7	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
06/18/04 ¹¹	98.78	86.21	12.57	3,100	<50	<0.5	<0.5	<0.5	<1	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
09/17/04 ¹¹	98.78	85.92	12.86	3,200	<50	<0.5	<0.7	<0.8	<1.6	<0.5	<50	<1 ⁸	<1 ⁸	<0.8-<2 ⁸
12/17/04 ¹¹	98.78	87.63	11.15	2,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
03/14/05 ¹¹	98.78	88.21	10.57	1,300	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
06/13/05 ¹¹	98.78	86.45	12.33	2,700	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
09/12/05 ¹¹	98.78	85.89	12.89	2,000 ¹²	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
12/12/05 ¹¹	98.78	87.40	11.38	3,900 ¹²	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
03/13/06 ¹¹	98.78	88.43	10.35	2,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
06/12/06 ¹¹	98.78	87.05	11.73	3,600	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
09/11/06 ¹¹	98.78	86.42	12.36	4,000	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
12/15/06 ¹¹	98.78	86.91	11.87	3,100	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
03/16/07 ¹¹	98.78	87.55	11.23	1,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
06/15/07 ¹¹	98.78	86.97	11.81	2,000	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<2 ⁸	<0.5 ⁸	<0.8-<2 ⁸
09/14/07 ¹¹	98.78	86.31	12.47	1,600	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
12/07/07 ¹¹	98.78	86.02	12.76	2,200	<50	<0.5	<0.5	<0.5	<1.0	<0.5	330	<1 ⁸	<0.5 ⁸	<0.8-<2 ^{8,13}
03/07/08 ¹¹	98.78	86.95	11.83	6,500	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸
06/06/08 ¹¹	98.78	86.51	12.27	2,800	<50	<0.5	<0.5	<0.5	<1.0	<0.5	<50	<1 ⁸	<0.5 ⁸	<0.8-<2 ⁸

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Chevron Service Station #9-9708
5910 MacArthur Boulevard
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WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	1,2-DCB◆ (ppb)	1,2-DCA◆ (ppb)	HVOCs◆ (ppb)
MW-4														
05/04/99	96.25	83.66	12.59	--	140	<0.5	0.62	0.67	2.6	<2.5	--	--	--	--
06/29/99	96.25	83.64	12.61	--	183	<0.5	<0.5	1.1	<0.5	<5.0	--	--	--	--
09/29/99	96.25	83.70	12.55	--	64.3	<0.5	<0.5	<0.5	1.18	<2.5	--	--	--	--
12/08/99	96.25	83.81	12.44	--	91.2	0.589	<0.5	0.52	<0.5	86	--	--	--	--
03/01/00	96.25	84.55	11.70	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/23/00	96.25	84.12	12.13	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/30/00	96.25	84.30	11.95	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
12/08/00	96.25	83.85	12.40	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
03/01/01	96.25	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--
06/19/01	96.25	82.83	13.42	--	210 ⁷	7.6	1.4	<0.50	<0.50	10	--	--	--	--
09/18/01	96.25	83.17	13.08	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
12/26/01	96.25	83.36	12.89	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/06/02	97.14	84.06	13.08	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
06/21/02	97.14	83.63	13.51	--	<50	<0.50	12	<0.50	<1.5	<2.5	--	--	--	--
09/27/02	97.14	83.47	13.67	--	110	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
12/26/02	97.14	84.12	13.02	--	<50	<0.50	2.6	<0.50	<1.5	<2.5	--	--	--	--
03/28/03	97.14	83.71	13.43	--	<50	<0.50	<0.50	<0.50	<1.5	18	--	--	--	--
06/16/03 ¹¹	97.14	83.10	14.04	--	250	<0.5	31	<0.5	<0.5	<0.5	--	--	--	--
09/15/03 ¹¹	97.14	82.93	14.21	--	220	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/15/03 ¹¹	97.14	84.30	12.84	--	310	<0.5	21	<0.5	1	<0.5	<50	--	--	--
03/05/04 ¹¹	97.14	84.00	13.14	--	<50	<0.5	0.7	<0.5	0.6	5	<50	--	--	--
06/18/04 ¹¹	97.14	83.14	14.00	--	220	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
09/17/04 ¹¹	97.14	83.06	14.08	--	97	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/17/04 ¹¹	97.14	83.77	13.37	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
03/14/05 ¹¹	97.14	83.69	13.45	--	<50	<0.5	0.8	<0.5	<0.5	1	<50	--	--	--
06/13/05 ¹¹	97.14	83.53	13.61	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
09/12/05 ¹¹	97.14	83.34	13.80	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
12/12/05 ¹¹	97.14	83.54	13.60	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
03/13/06 ¹¹	97.14	83.95	13.19	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/12/06 ¹¹	97.14	83.27	13.87	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/11/06 ¹¹	97.14	82.98	14.16	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
12/15/06 ¹¹	97.14	83.96	13.18	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
03/16/07 ¹¹	97.14	83.44	13.70	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	--	--	--
06/15/07 ¹¹	97.14	83.23	13.91	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	--	--	--
09/14/07 ¹¹	97.14	83.12	14.02	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	1,2-DCB◆ (ppb)	1,2-DCA◆ (ppb)	HVOCs◆ (ppb)
MW-4 (cont)														
12/07/07 ¹¹	97.14	82.91	14.23	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
03/07/08 ¹¹	97.14	83.22	13.92	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/06/08¹¹	97.14	83.23	13.91	--	<50	<0.5	<0.5	<0.5	<0.5	0.5	<50	--	--	--
MW-5														
03/06/02 ⁹	95.71	84.31	11.40	--	4,900	18	2.7	29	9.8	290	--	--	--	--
06/21/02	95.71	83.29	12.42	--	1,400	3.6	1.4	<0.50	1.6	190	--	--	--	--
09/27/02	95.71	83.00	12.71	--	540	1.3	<0.50	<0.50	<1.5	190	--	--	--	--
12/26/02	95.71	85.55	10.16	--	2,600	5.0	0.86	3.6	3.7	170	--	--	--	--
03/28/03	95.71	84.25	11.46	--	920	3.8	<0.50	2.1	1.7	160	--	--	--	--
06/16/03 ¹¹	95.71	83.92	11.79	--	600	3	0.9	0.7	0.9	150	--	--	--	--
09/15/03 ¹¹	95.71	83.28	12.43	--	760	<0.5	<0.5	<0.5	<0.5	180	<50	--	--	--
12/15/03 ¹¹	95.71	85.01	10.70	--	1,200	0.7	0.5	0.6	0.8	120	<50	--	--	--
03/05/04 ¹¹	95.71	84.65	11.06	--	1,800	2	0.7	0.7	2	60	<50	--	--	--
06/18/04 ¹¹	95.71	83.54	12.17	--	1,700	<0.5	<0.5	<0.5	<0.5	77	<50	--	--	--
09/17/04 ¹¹	95.71	83.35	12.36	--	1,900	<0.5	<0.5	<0.5	0.6	73	<50	--	--	--
12/17/04 ¹¹	95.71	84.91	10.80	--	1,200	1	<0.5	<0.5	0.6	41	<50	--	--	--
03/14/05 ¹¹	95.71	85.26	10.45	--	1,400	9	<0.5	<0.5	<0.5	19	<50	--	--	--
06/13/05 ¹¹	95.71	83.82	11.89	--	760	<0.5	<0.5	<0.5	<0.5	16	<50	--	--	--
09/12/05 ¹¹	95.71	83.43	12.28	--	610	<0.5	<0.5	<0.5	<0.5	22	<50	--	--	--
12/12/05 ¹¹	95.71	84.63	11.08	--	630	<0.5	<0.5	<0.5	<0.5	13	63	--	--	--
03/13/06 ¹¹	95.71	85.45	10.26	--	1,100	1	<0.5	<0.5	0.5	9	<50	--	--	--
06/12/06 ¹¹	95.71	83.91	11.80	--	460	<0.5	<0.5	<0.5	<0.5	10	<50	--	--	--
09/11/06 ¹¹	95.71	83.30	12.41	--	510	<0.5	<0.5	<0.5	<0.5	10	<50	--	--	--
12/15/06 ¹¹	95.71	85.21	10.50	--	1,000	0.7	<0.5	<0.5	<0.5	6	<50	--	--	--
03/16/07 ¹¹	95.71	84.71	11.00	--	430	<0.5	<0.5	<0.5	<0.5	8	<50	--	--	--
06/15/07 ¹¹	95.71	83.83	11.88	--	420	<0.5	<0.5	<0.5	<0.5	5	<50	--	--	--
09/14/07 ¹¹	95.71	83.39	12.32	--	380	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--
12/07/07 ¹¹	95.71	83.14	12.57	--	420	<0.5	<0.5	<0.5	<0.5	3	<50	--	--	--
03/07/08 ¹¹	95.71	84.20	11.51	--	400	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
06/06/08¹¹	95.71	83.51	12.20	--	400	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--

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MW-6														
03/06/02 ⁹	95.84	85.67	10.17	--	220	<0.50	<0.50	<0.50	<1.5	53	--	--	--	--
06/21/02	95.84	84.86	10.98	--	<50	<0.50	<0.50	<0.50	<1.5	15	--	--	--	--
09/27/02	95.84	84.61	11.23	--	<50	<0.50	<0.50	<0.50	<1.5	11	--	--	--	--
12/26/02	95.84	87.47	8.37	--	57	<0.50	<0.50	<0.50	<1.5	19	--	--	--	--
03/28/03	95.84	85.53	10.31	--	<50	<0.50	<0.50	<0.50	<1.5	11	--	--	--	--
06/16/03 ¹¹	95.84	85.50	10.34	--	<50	<0.5	0.6	<0.5	<0.5	5	--	--	--	--
09/15/03 ¹¹	95.84	84.84	11.00	--	<50	<0.5	<0.5	<0.5	<0.5	6	<50	--	--	--
12/15/03 ¹¹	95.84	86.49	9.35	--	<50	<0.5	<0.5	<0.5	<0.5	4	<50	--	--	--
03/05/04 ¹¹	95.84	87.04	8.80	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
06/18/04 ¹¹	95.84	85.04	10.80	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
09/17/04 ¹¹	95.84	84.84	11.00	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
12/17/04 ¹¹	95.84	86.32	9.52	--	<50	<0.5	<0.5	<0.5	<0.5	2	<50	--	--	--
03/14/05 ¹¹	95.84	86.94	8.90	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	<50	--	--	--
06/13/05 ¹¹	95.84	85.37	10.47	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
09/12/05 ¹¹	95.84	85.16	10.68	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
12/12/05 ¹¹	95.84	86.15	9.69	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
03/13/06 ¹¹	95.84	87.16	8.68	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/12/06 ¹¹	95.84	85.03	10.81	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/11/06 ¹¹	95.84	84.80	11.04	--	<50	<0.5	<0.5	<0.5	<0.5	0.6	<50	--	--	--
12/15/06 ¹¹	95.84	86.82	9.02	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
03/16/07 ¹¹	95.84	86.06	9.78	--	<50	<0.5	<0.5	<0.5	<0.5	1	<50	--	--	--
06/15/07 ¹¹	95.84	84.99	10.85	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
09/14/07 ¹¹	95.84	85.71	10.13	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
12/07/07 ¹¹	95.84	85.39	10.45	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<50	--	--	--
03/07/08 ¹¹	95.84	85.75	10.09	--	<50	<0.5	<0.5	<0.5	<0.5	0.9	<50	--	--	--
06/06/08¹¹	95.84	84.79	11.05	--	<50	<0.5	<0.5	<0.5	<0.5	0.7	<50	--	--	--
TRIP BLANK														
06/04/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/16/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
12/17/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/18/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
09/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
09/07/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
12/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	1,2-DCB♦ (ppb)	1,2-DCA♦ (ppb)	HVOCs♦ (ppb)
TRIP BLANK (cont)														
03/11/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--
05/04/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--
09/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
12/08/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
03/01/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--
06/23/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/30/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
12/08/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
03/01/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	--	--	--
06/19/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--
09/18/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
QA														
12/26/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/06/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
06/21/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
09/27/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
12/26/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
03/28/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--
06/16/03 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/15/03 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/15/03 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/05/04 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/18/04 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/17/04 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/17/04 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/14/05 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/13/05 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/12/05 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/12/05 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/13/06 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/12/06 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/11/06 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
12/15/06 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/16/07 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/15/07 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
09/14/07 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)	ETHANOL (ppb)	1,2-DCB◆ (ppb)	1,2-DCA◆ (ppb)	HVOCs◆ (ppb)
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QA (cont)

12/07/07 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
03/07/08 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--
06/06/08 ¹¹	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 23, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing	TPH-G = Total Petroleum Hydrocarbons as Gasoline	1,2-DCB = 1,2-Dichlorobenzene
(ft.) = Feet	B = Benzene	1,2-DCA = 1,2-Dichloroethane
GWE = Groundwater Elevation	T = Toluene	HVOCs = Halogenated Volatile Organic Compounds
(msl) = Mean sea level	E = Ethylbenzene	ND = Not Detected
DTW = Depth to Water	X = Xylenes	-- = Not Measured/Not Analyzed
TPH-D Total Petroleum Hydrocarbons as Diesel	MTBE = Methyl Tertiary Butyl Ether	QA = Quality Assurance/Trip Blank

* TOC elevations were surveyed in February 2002, by Morrow Surveying. Elevations are based on City of Oakland Benchmark; a standard city of Oakland disc stamped "SEC 50 STA F" set under a standard casting on the monument line of Camden Street and 72 feet westerly of the monument at Seminary and Camden, (Elevation = 90.63 feet).

◆ Analysis by EPA Method 8010.

¹ Chromatogram pattern indicates an unidentified hydrocarbon.

² Confirmation run.

³ Sample also analyzed for the following: Total Oil & Grease by EPA Method 5520F was ND; Semivolatile Organics by EPA Method 8270B were ND; Volatile Organics by EPA Method 8010B were ND.

⁴ Laboratory report indicates gasoline C6-C12.

⁵ Laboratory report indicates unidentified hydrocarbons >C16.

⁶ Laboratory report indicates unidentified hydrocarbons C9-C24.

⁷ Laboratory report indicates unidentified hydrocarbons C6-C12.

⁸ Volatile Organic Compounds (VOCs) by EPA Method 8260.

⁹ Well development performed.

¹⁰ Laboratory report indicates the observed sample pattern is not typical of diesel/#2 fuel oil.

¹¹ BTEX and MTBE by EPA Method 8260.

¹² Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.

¹³ Laboratory report indicates Chloroform at 7ppb.

NOTE: All other VOC concentrations were below detection limits.

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 #9-9708
 Site Address: 5910 Macarthur Blvd.
 City: Oakland, CA

Job Number: 386395
 Event Date: 6-6-08 (inclusive)
 Sampler: Joe

Well ID: MW-1
 Well Diameter: 2 in.
 Total Depth: 20.26 ft.
 Depth to Water: 11.34 ft.

Date Monitored: 6-6-08

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.12
 Check if water column is less than 0.50 ft.
 $8.92 \times VF \ 0.17 = 1.52$ x3 case volume = Estimated Purge Volume: 4.5 gal.

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): 0700 Weather Conditions: clear
 Sample Time/Date: 0725 6-6-08 Water Color: clear Odor: YIN
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0705</u>	<u>1.5</u>	<u>6.91</u>	<u>858</u>	<u>16.7</u>	_____	_____
<u>0710</u>	<u>3</u>	<u>6.92</u>	<u>841</u>	<u>17.0</u>	_____	_____
<u>0715</u>	<u>4.5</u>	<u>6.90</u>	<u>856</u>	<u>17.1</u>	_____	_____

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)/ETHANOL (8260)
	x 500ml ampers	YES	NP	LANCASTER	TPH-D(8015)
	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 6-6-08 (inclusive)
 City: Oakland, CA Sampler: See

Well ID: MW-2 Date Monitored: 6-6-08
 Well Diameter: 2 in.
 Total Depth: 20.25 ft.
 Depth to Water: 14.80 ft. Check if water column is less than 0.50 ft.
5.45 xVF 0.17 = 0.93 x3 case volume = Estimated Purge Volume: 3 gal.
 Depth to Water w/ 80% Recharge ((Height of Water Column x 0.20) + DTW): 15.89

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 _____
 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): 0732 Weather Conditions: clean
 Sample Time/Date: 0755 6-6-08 Water Color: clean Odor: YN
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 15.27

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0738</u>	<u>1</u>	<u>6.72</u>	<u>739</u>	<u>16.8</u>	_____	_____
<u>0742</u>	<u>2</u>	<u>6.76</u>	<u>747</u>	<u>17.0</u>	_____	_____
<u>0745</u>	<u>3</u>	<u>6.71</u>	<u>743</u>	<u>17.3</u>	_____	_____

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)/ETHANOL (8260)
	x 500ml ampers	YES	NP	LANCASTER	TPH-D(8015)
	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-9708
 Site Address: 5910 Macarthur Blvd.
 City: Oakland, CA

Job Number: 386395
 Event Date: 6-6-08 (inclusive)
 Sampler: Joe

Well ID: MW-3
 Well Diameter: 2 in.
 Total Depth: 20-14 ft.
 Depth to Water: 12.27 ft.
7.87 x VF 0.17 = 1.34

Date Monitored: 6-6-08

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 4 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.84

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:	_____ gal
Product Transferred to:	_____

Start Time (purge): 0945 Weather Conditions: clear
 Sample Time/Date: 1015 16-6-08 Water Color: clear Odor: DN
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.62

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0950</u>	<u>1</u>	<u>7.16</u>	<u>697</u>	<u>17.8</u>	_____	_____
<u>0955</u>	<u>2.5</u>	<u>7.82</u>	<u>712</u>	<u>18.0</u>	_____	_____
<u>1002</u>	<u>4</u>	<u>7.75</u>	<u>709</u>	<u>17.6</u>	_____	_____

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)/ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-D(8015)
	3 x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-9708
 Site Address: 5910 Macarthur Blvd.
 City: Oakland, CA

Job Number: 386395
 Event Date: 6-6-08 (inclusive)
 Sampler: See

Well ID: MW-4
 Well Diameter: 2 in.
 Total Depth: 19.66 ft.
 Depth to Water: 13.91 ft.
5.75 xVF 0.17 = 0.98

Date Monitored: 6-6-08

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

Check if water column is less than 0.50 ft.

x3 case volume = Estimated Purge Volume: 3 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.06

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 / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 0910 Weather Conditions: clear
 Sample Time/Date: 0930 16-6-08 Water Color: clear Odor: Y 1 N
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 14.58

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>S</u>)	Temperature (°C / °F)	D.O. (mg/L)	ORP (mV)
<u>0914</u>	<u>1</u>	<u>6.97</u>	<u>847</u>	<u>16.9</u>	_____	_____
<u>0918</u>	<u>2</u>	<u>7.23</u>	<u>852</u>	<u>17.2</u>	_____	_____
<u>0921</u>	<u>3</u>	<u>7.31</u>	<u>842</u>	<u>17.5</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x vva vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x 500ml Ambers	YES	NP	LANCASTER	TPH-D(8015)
	x vva vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: _____

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-9708
 Site Address: 5910 Macarthur Blvd.
 City: Oakland, CA

Job Number: 386395
 Event Date: 6-6-08 (inclusive)
 Sampler: See

Well ID: MW-5
 Well Diameter: 2 in.
 Total Depth: 18.75 ft.
 Depth to Water: 12.20 ft.

Date Monitored: 6-6-08

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.51
 Check if water column is less than 0.50 ft.
 $6.55 \times VF \ 0.17 = 1.11$ x3 case volume = Estimated Purge Volume: 3.5 gal.

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): 0838 Weather Conditions: clear
 Sample Time/Date: 0900 6-6-08 Water Color: clear Odor: (Y)
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.90

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0842</u>	<u>1</u>	<u>6.76</u>	<u>653</u>	<u>16.8</u>	_____	_____
<u>0845</u>	<u>2</u>	<u>6.72</u>	<u>681</u>	<u>16.4</u>	_____	_____
<u>0848</u>	<u>3.5</u>	<u>6.71</u>	<u>674</u>	<u>16.9</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x vva vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x 500ml ampers	YES	NP	LANCASTER	TPH-D(8015)
	x vva vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-9708 Job Number: 386395
 Site Address: 5910 Macarthur Blvd. Event Date: 6-6-08 (inclusive)
 City: Oakland, CA Sampler: SOE

Well ID: MW-6 Date Monitored: 6-6-08
 Well Diameter: 2 in.
 Total Depth: 18.90 ft.
 Depth to Water: 11.05 ft. Check if water column is less than 0.50 ft.
7.85 xVF 0.17 = 1.33 x3 case volume = Estimated Purge Volume: 4 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.62

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 _____
 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 / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 0810 Weather Conditions: clear
 Sample Time/Date: 0830 6-6-08 Water Color: clear Odor: Y10
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.04

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 15)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0815</u>	<u>1.5</u>	<u>7.51</u>	<u>307</u>	<u>16.6</u>		
<u>0820</u>	<u>3</u>	<u>7.43</u>	<u>799</u>	<u>16.8</u>		
<u>0824</u>	<u>4.5</u>	<u>7.37</u>	<u>814</u>	<u>16.4</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x 500ml ambers	YES	NP	LANCASTER	TPH-D(8015)
	x voa vial	YES	HCL	LANCASTER	HVOC's(8260)

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



For Lancaster Laboratories use only
 Acct. #: 10904 Sample # 5383417-23 Group #: 005319

08
0606 07

G# 1095028

Facility #: SS#9-9708 OML G-R#386395 Global ID#T0600102093
 Site Address: 5910 MACARTHUR BLVD., OAKLAND, CA
 Chevron PMIR _____ Lead Consultant: GRACE
 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: JOE ASEMIAN

Matrix		Analyses Requested																			
		Preservation Codes																			
Soil	Water	Oil	Air	Total Number of Containers	H H					H H											
					BTX + MTBE 8260 8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	Ethand (8260)	AVOC's (8260)								
					<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ 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
<i>QA</i>			<input checked="" type="checkbox"/>	
<i>MW-1</i>	<i>6.6.08</i>	<i>0725</i>	<input checked="" type="checkbox"/>	
<i>MW-2</i>	<i> </i>	<i>0755</i>	<input checked="" type="checkbox"/>	
<i>MW-3</i>	<i> </i>	<i>1015</i>	<input checked="" type="checkbox"/>	
<i>MW-4</i>	<i> </i>	<i>0930</i>	<input checked="" type="checkbox"/>	
<i>MW-5</i>	<i> </i>	<i>0900</i>	<input checked="" type="checkbox"/>	
<i>MW-6</i>	<i>Y</i>	<i>0830</i>	<input checked="" type="checkbox"/>	

Comments / Remarks

Turnaround Time Requested (TAT) (please circle) <input checked="" type="radio"/> STD. TAT 72 hour 48 hour 24 hour 4 day 5 day	Relinquished by:	Date	Time	Received by:	Date	Time	
	<i>[Signature]</i>	<i>6.6.08</i>	<i>11:30</i>	<i>[Signature]</i>	<i>6.6.08</i>	<i>10:00</i>	
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:	Date	Time	Received by:	Date	Time	
	<i>[Signature]</i>	<i>6.6.08</i>	<i>16:30</i>	<i>[Signature]</i>	<i>6.6.08</i>	<i>16:30</i>	
Relinquished by Commercial Carrier:				Received by:		Date	Time
UPS FedEx Other _____				<i>[Signature]</i>		<i>6/7/08</i>	<i>9:30</i>
Temperature Upon Receipt <u>1.3-5.4</u> °C				Custody Seals Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

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

RECEIVED
JUN 10 2008
GENERAL CONTRACTORS

SAMPLE GROUP

The sample group for this submittal is 1095028. Samples arrived at the laboratory on Saturday, June 07, 2008. The PO# for this group is 0015024486 and the release number is ROBB.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
QA-T-080606 NA Water	5383417
MW-1-W-080606 Grab Water	5383418
MW-2-W-080606 Grab Water	5383419
MW-3-W-080606 Grab Water	5383420
MW-4-W-080606 Grab Water	5383421
MW-5-W-080606 Grab Water	5383422
MW-6-W-080606 Grab Water	5383423

ELECTRONIC COPY TO CRA c/o Gettler-Ryan

Attn: Cheryl Hansen



Analysis Report

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Dorothy M. Love".

Dorothy M. Love
Group Leader

Lancaster Laboratories Sample No. WW5383417

Group No. 1095028

QA-T-080606 NA Water
 Facility# 99708 Job# 386395 GRD
 5910 MacArthur-Oakland T0600102093 QA
 Collected: 06/06/2008

Account Number: 10904

Submitted: 06/07/2008 09:30
 Reported: 06/20/2008 at 10:00
 Discard: 07/21/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MBOQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit 50.	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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	06/14/2008 14:50		Carrie E Youtzy	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	06/13/2008 16:51		Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 14:50		Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/13/2008 16:51		Ginelle L Feister	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW5383418

Group No. 1095028

MW-1-W-080606 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-1
Collected: 06/06/2008 07:25 by JA

Account Number: 10904

Submitted: 06/07/2008 09:30
Reported: 06/20/2008 at 10:00
Discard: 07/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MBO01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	180.	Detection Limit	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	29.	0.5	ug/l	1
05401	Benzene	71-43-2	0.7	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	06/14/2008 18:06	Carrie E Youtzy	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	06/19/2008 12:10	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 18:06	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/19/2008 12:10	Ginelle L Feister	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW5383419

Group No. 1095028

MW-2-W-080606 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-2
Collected: 06/06/2008 07:55 by JA

Account Number: 10904

Submitted: 06/07/2008 09:30
Reported: 06/20/2008 at 10:00
Discard: 07/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MBO02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit 50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	78.	0.5	ug/l	1
05401	Benzene	71-43-2	3.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	06/14/2008	18:30	Carrie E Youtzy	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	06/19/2008	12:33	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008	18:30	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/19/2008	12:33	Ginelle L Feister	1

Lancaster Laboratories Sample No. WW5383420

Group No. 1095028

 MW-3-W-080606 Grab Water
 Facility# 99708 Job# 386395 GRD
 5910 MacArthur-Oakland T0600102093 MW-3
 Collected: 06/06/2008 10:15 by JA

Account Number: 10904

 Submitted: 06/07/2008 09:30
 Reported: 06/20/2008 at 10:00
 Discard: 07/21/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MBO03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit	ug/l	1
06609	TPH-DRO (Waters)	n.a.	2,800.	59.	ug/l	2
05382	EPA SW846/8260 (water)					
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	0.5	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.5	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.5	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
08202	EPA SW 846/8260 - Water					
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



Analysis Report

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Lancaster Laboratories Sample No. WW5383420

Group No. 1095028

MW-3-W-080606 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-3
Collected: 06/06/2008 10:15 by JA

Account Number: 10904

Submitted: 06/07/2008 09:30
Reported: 06/20/2008 at 10:00
Discard: 07/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MBO03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	Detection Limit	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	Detection Limit	ug/l	1
08203	Freon 113	76-13-1	N.D.	Detection Limit	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	06/14/2008 18:54	Carrie E Youtzy	1
06609	TPH-DRO (Waters)	SW-846 8015B	1	06/12/2008 14:03	Heather E Williams	2
05382	EPA SW846/8260 (water)	SW-846 8260B	1	06/11/2008 07:53	Stephanie A Selis	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	06/11/2008 07:53	Stephanie A Selis	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 18:54	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/11/2008 07:53	Stephanie A Selis	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	06/11/2008 02:30	Sherry L Morrow	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW5383421

Group No. 1095028

MW-4-W-080606 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-4
Collected: 06/06/2008 09:30 by JA

Account Number: 10904

Submitted: 06/07/2008 09:30
Reported: 06/20/2008 at 10:00
Discard: 07/21/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MBO04

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
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.5	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	06/14/2008 19:19	Carrie E Youtzy	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	06/19/2008 12:56	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 19:19	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/19/2008 12:56	Ginelle L Feister	1

Lancaster Laboratories Sample No. WW5383422

Group No. 1095028

MW-5-W-080606 Grab Water

Facility# 99708 Job# 386395 GRD

5910 MacArthur-Oakland T0600102093 MW-5

Collected: 06/06/2008 09:00 by JA

Account Number: 10904

Submitted: 06/07/2008 09:30

Reported: 06/20/2008 at 10:00

Discard: 07/21/2008

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

MBO05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	400.	Detection Limit 50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	4.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	06/14/2008 19:44	Carrie E Youtzy	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	06/19/2008 13:20	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 19:44	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/19/2008 13:20	Ginelle L Feister	1

Lancaster Laboratories Sample No. **WW5383423**

Group No. **1095028**

MW-6-W-080606 Grab Water
 Facility# 99708 Job# 386395 GRD
 5910 MacArthur-Oakland T0600102093 MW-6
 Collected: 06/06/2008 08:30 by JA

Account Number: 10904

Submitted: 06/07/2008 09:30
 Reported: 06/20/2008 at 10:00
 Discard: 07/21/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

MBO06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO - Waters	n.a.	N.D.	Detection Limit 50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.7	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	06/14/2008 20:08	Carrie E Youtzy	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	06/19/2008 13:43	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	06/14/2008 20:08	Carrie E Youtzy	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	06/19/2008 13:43	Ginelle L Feister	1

Quality Control Summary

 Client Name: Chevron
 Reported: 06/20/08 at 10:00 AM

Group Number: 1095028

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: 081620013A TPH-DRO (Waters)	Sample number(s): 5383420 N.D.	29.	ug/l	80	78	63-119	3	20
Batch number: 08163B08A TPH-GRO - Waters	Sample number(s): 5383417-5383423 N.D.	50.	ug/l	118	118	75-135	0	30
Batch number: D081712AA Ethanol	Sample number(s): 5383418-5383419, 5383421-5383423 N.D.	50.	ug/l	121		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		73-119		
Benzene	N.D.	0.5	ug/l	98		78-119		
Toluene	N.D.	0.5	ug/l	101		85-115		
Ethylbenzene	N.D.	0.5	ug/l	99		82-119		
Xylene (Total)	N.D.	0.5	ug/l	97		83-113		
Batch number: W081631AA Ethanol	Sample number(s): 5383420 N.D.	50.	ug/l	119		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	99		73-119		
Chloromethane	N.D.	1.	ug/l	122		47-133		
Vinyl Chloride	N.D.	1.	ug/l	114		54-123		
Bromomethane	N.D.	1.	ug/l	104		50-128		
Chloroethane	N.D.	1.	ug/l	110		54-117		
Trichlorofluoromethane	N.D.	2.	ug/l	100		60-137		
1,1-Dichloroethene	N.D.	0.8	ug/l	90		76-122		
Methylene Chloride	N.D.	2.	ug/l	93		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	95		83-117		
1,1-Dichloroethane	N.D.	1.	ug/l	103		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	95		84-117		
Chloroform	N.D.	0.8	ug/l	99		77-125		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	114		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	96		77-130		
Benzene	N.D.	0.5	ug/l	99		78-119		
1,2-Dichloroethane	N.D.	0.5	ug/l	106		69-135		
Trichloroethene	N.D.	1.	ug/l	97		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	102		80-117		
Bromodichloromethane	N.D.	1.	ug/l	97		83-121		
Toluene	N.D.	0.5	ug/l	99		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	94		86-113		
Tetrachloroethene	N.D.	0.8	ug/l	91		76-118		
Dibromochloromethane	N.D.	1.	ug/l	94		78-119		
Chlorobenzene	N.D.	0.8	ug/l	95		85-115		
Ethylbenzene	N.D.	0.5	ug/l	97		82-119		
m+p-Xylene	N.D.	0.5	ug/l	96		83-113		
o-Xylene	N.D.	0.5	ug/l	94		83-113		
Bromoform	N.D.	1.	ug/l	82		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	93		72-119		
1,3-Dichlorobenzene	N.D.	1.	ug/l	94		81-114		
1,4-Dichlorobenzene	N.D.	1.	ug/l	94		84-116		

*- 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: 06/20/08 at 10:00 AM

Group Number: 1095028

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>
1,2-Dichlorobenzene	N.D.	1.	ug/l	96		81-112		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	101		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	98		78-114		
Freon 113	N.D.	2.	ug/l	88		66-125		
Batch number: Z081652AA		Sample number(s): 5383417						
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	88		73-119		
Benzene	N.D.	0.5	ug/l	90		78-119		
Toluene	N.D.	0.5	ug/l	93		85-115		
Ethylbenzene	N.D.	0.5	ug/l	96		82-119		
Xylene (Total)	N.D.	0.5	ug/l	96		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

<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: 08163B08A		Sample number(s): 5383417-5383423 UNSPK: P383446							
TPH-GRO - Waters	118		63-154						
Batch number: D081712AA		Sample number(s): 5383418-5383419,5383421-5383423 UNSPK: P386585							
Ethanol	123	83	32-164	39*	30				
Methyl Tertiary Butyl Ether	93	97	69-127	3	30				
Benzene	102	106	83-128	3	30				
Toluene	104	108	83-127	4	30				
Ethylbenzene	103	107	82-129	4	30				
Xylene (Total)	100	105	82-130	5	30				
Batch number: W081631AA		Sample number(s): 5383420 UNSPK: P383300							
Ethanol	111	98	32-164	12	30				
Methyl Tertiary Butyl Ether	100	99	69-127	1	30				
Chloromethane	135	144	49-153	6	30				
Vinyl Chloride	124	135	59-143	8	30				
Bromomethane	106	118	54-140	10	30				
Chloroethane	120	133	60-140	11	30				
Trichlorofluoromethane	117	124	68-163	6	30				
1,1-Dichloroethene	105	105	87-145	1	30				
Methylene Chloride	97	96	79-133	1	30				
trans-1,2-Dichloroethene	103	101	82-133	2	30				
1,1-Dichloroethane	110	109	85-135	1	30				
cis-1,2-Dichloroethene	99	102	83-126	3	30				
Chloroform	102	102	83-139	0	30				
1,1,1-Trichloroethane	125	124	81-142	0	30				
Carbon Tetrachloride	104	107	82-149	3	30				
Benzene	104	103	83-128	1	30				
1,2-Dichloroethane	107	109	70-143	2	30				
Trichloroethene	104	103	83-136	1	30				
1,2-Dichloropropane	106	106	83-129	0	30				
Bromodichloromethane	99	97	80-137	1	30				
Toluene	103	102	83-127	1	30				
1,1,2-Trichloroethane	96	95	77-125	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: 06/20/08 at 10:00 AM

Group Number: 1095028

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
Tetrachloroethene	98	102	78-133	4	30				
Dibromochloromethane	92	92	80-128	0	30				
Chlorobenzene	97	99	83-120	2	30				
Ethylbenzene	100	102	82-129	2	30				
m+p-Xylene	98	100	82-130	3	30				
o-Xylene	96	100	82-130	4	30				
Bromoform	81	80	64-119	1	30				
1,1,2,2-Tetrachloroethane	92	97	73-121	5	30				
1,3-Dichlorobenzene	94	99	79-123	6	30				
1,4-Dichlorobenzene	94	99	81-122	5	30				
1,2-Dichlorobenzene	94	99	82-117	6	30				
trans-1,3-Dichloropropene	99	100	77-123	2	30				
cis-1,3-Dichloropropene	96	98	80-126	2	30				
Freon 113	105	106	72-154	1	30				

Batch number: Z081652AA	Sample number(s): 5383417	UNSPK: P383321			
Methyl Tertiary Butyl Ether	90	93	69-127	3	30
Benzene	97	99	83-128	2	30
Toluene	100	103	83-127	3	30
Ethylbenzene	103	106	82-129	3	30
Xylene (Total)	102	106	82-130	4	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-DRO (Waters)
 Batch number: 081620013A
 Orthoterphenyl

5383420	105
Blank	87
LCS	100
LCSD	96

Limits: 59-131

 Analysis Name: TPH-GRO - Waters
 Batch number: 08163B08A
 Trifluorotoluene-F

5383417	82
5383418	86
5383419	74
5383420	81
5383421	83
5383422	87
5383423	85
Blank	83

*- 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: 06/20/08 at 10:00 AM

Group Number: 1095028

Surrogate Quality Control

LCS 104
LCSD 102
MS 97

Limits: 63-135

Analysis Name: BTEX, MTBE, ETOH

Batch number: D081712AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5383418	85	86	90	91
5383419	83	83	88	90
5383421	85	89	89	91
5383422	84	84	88	94
5383423	87	85	89	90
Blank	86	88	89	86
LCS	89	90	91	95
MS	87	86	90	96
MSD	84	85	90	96

Limits: 80-116

77-113

80-113

78-113

Analysis Name: EPA SW846/8260 (water)

Batch number: W081631AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5383420	89	91	92	88
Blank	90	91	91	87
LCS	91	91	93	90
MS	92	91	93	90
MSD	90	89	93	90

Limits: 80-116

77-113

80-113

78-113

Analysis Name: BTEX+MTBE by 8260B

Batch number: Z081652AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5383417	97	90	99	95
Blank	97	91	98	95
LCS	94	89	97	102
MS	96	88	97	101
MSD	95	88	97	103

Limits: 80-116

77-113

80-113

78-113

*- Outside of specification

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

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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