GETTLER-RYAN INC.

TRANSMITTAL

May 2, 2007
G-R #386395

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

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

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

RE: Chevron Service Station
#9-9708
5910 MacArthur Boulevard
Oakland, California
RO 0000124

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	April 27, 2007	Groundwater Monitoring and Sampling Report **First Quarter - Event of March 16, 2007**

COMMENTS:

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

Mr. Barney Chan, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 **(Distributed by Cambria via PDF)**

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***May 15, 2007***, at which time the final report will be distributed to the following:

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

Enclosures

6747 Sierra Court, Suite J • **Dublin**, CA 94568 • (925) 551-7555 • Fax (925) 551-7888
3140 Gold Camp Drive, Suite 170 • **Rancho Cordova**, CA 95670 • (916) 631-1300 • Fax (916) 631-1317
1364 N. McDowell Blvd., Suite B2 • **Petaluma**, CA 94954 • (707) 789-3255 • Fax (707) 789-3218

Satya P. Sinha
Project Manager
Retail and Terminal
Business Unit

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

May 2, 2007

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 May 2, 2007.

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

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

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

Sincerely,

Satya P. Sinha

Satya P. Sinha

Attachment: Report

GETTLER-RYAN INC.

April 27, 2007
G-R Job #386395

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

RE: First Quarter Event of March 16, 2007
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-9708
5910 MacArthur Boulevard
Oakland, California

Dear Mr. Sinha:

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

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

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

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

Sincerely,

Deanna L. Harding
Project Coordinator

PROFESSIONAL GEOLOGIST
DOUGLAS J. LEE
No. 6882
STATE OF CALIFORNIA

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

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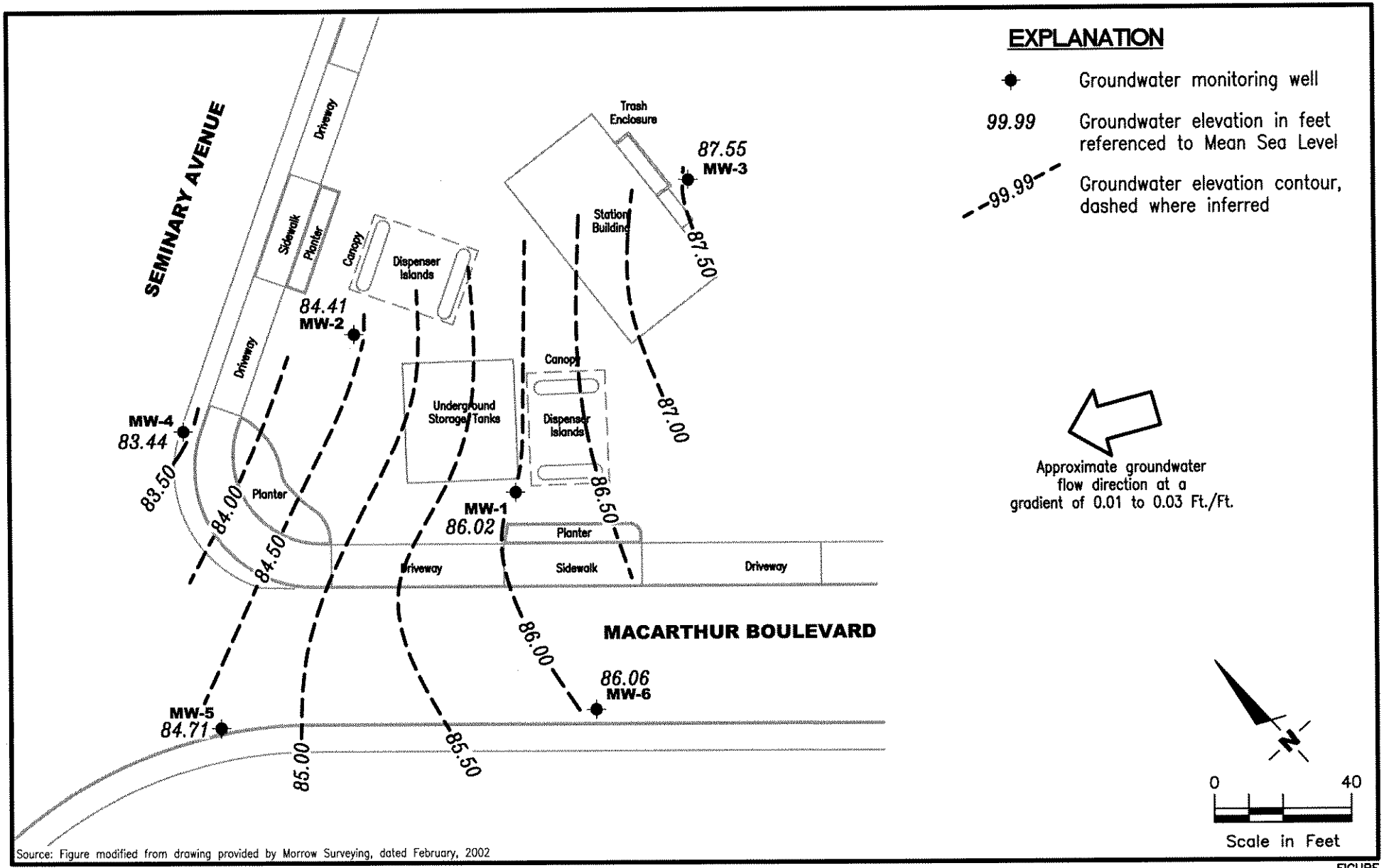
WELL CONDITION STATUS SHEET

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

Job #: 386395
Event Date: 3-16-07
Sampler: Joe

WELL ID	Vault Frame Condition	Gasket/ O-Ring Condition	BOLTS (# Missing)	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition Cracked Broken Gone	Grout Seal (Deficient)	Casing (Condition prevents tight cap seal)	REPLACE LOCK	REPLACE CAP	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken
MW-1	O.K	O.K	O.K	O.K	O.K	~~cracked~~ O.K	O.K			8" Boart Longyear (3) 3/8" bolts	
MW-2	O.K	missing	1	stripped all	O.K	Cracked	O.K			8" Boart Longyear (3) 3/8" bolts	picture
MW-3	Very bad	missing		stripped all	O.K	Cracked	May soon crack			8" Boart Longyear (3) 3/8" bolts	Picture
MW-4	O.K	O.K		O.K	O.K	O.K	O.K			6" Morrison (2) 1/4" bolts	
MW-5	O.K	O.K		O.K	O.K	O.K	O.K			8" morrison / (2) 3/8" bolts	
MW-6	O.K	O.K	↓	O.K	O.K	O.K	O.K			8" morrison / (2) 3/8" bolts	

Comments MW-3 is in a very bad shape. Can't secure cover/plug. Entire box has sunken. Can't secure a padlock either.



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	REVIEWED BY	DATE	REVISED DATE
386395		March 16, 2007	

FILE NAME: P:\Enviro\Chevron\9-9708\Q07-9-9708.DWG | Layout Tab: Pot1

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	--	--	--
03/13/06[11]	97.52	87.97	9.55	--	82	0.8	<0.5	<0.5	<0.5	66	<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)														
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**	--	--	--
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	--	--	--	--
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	--	--	--

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-2 (cont)														
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**	**--**	**--**	**--**
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
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]

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)														
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]**
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	--	--	--	--

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-4 (cont)														
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**	**--**	**--**	**--**
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	--	--	--

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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-5 (cont)														
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**	--	--	--
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**	--	--	--
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	--	--	--	--
03/11/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--

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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)														
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**	--	--	--	--

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
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH-D Total Petroleum Hydrocarbons as Diesel

TPH-G = Total Petroleum Hydrocarbons as Gasoline
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl tertiary butyl ether

1,2-DCB = 1,2-Dichlorobenzene
1,2-DCA = 1,2-Dichloroethane
HVOCs = Halogenated Volatile Organic Compounds
ND = Not Detected
-- = Not Measured/Not Analyzed
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.

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility #: Chevron #9-9708 Job Number: 386395
Site Address: 5910 Macarthur Blvd. Event Date: 3-16-07 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW-1 Date Monitored: 3-16-07 Well Condition: O.K
Well Diameter 2 in.
Total Depth 20.25 ft.
Depth to Water 11.50 ft.
8.75 xVF 0.17 = 1.49 x3 case volume= Estimated Purge Volume: 4.5 gal.

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

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 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): 1235 Weather Conditions: clear/hot
Sample Time/Date: 1300 / 3-16-07 Water Color: clear Odor: slight mild
Purging Flow Rate: 0.5 gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1242	1.5	6.96	1351	68.1		
1246	3	6.92	1348	68.2		
1250	4.5	6.94	1352	68.3		

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 voa vial	YES	~~HCL~~	~~LANCASTER~~	~~HVOC'S(8260~~
	~~x 500ml Amber~~	YES	NP	LANCASTER	TPH-D

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-9708 | Job Number: 386395
Site Address: 5910 Macarthur Blvd. | Event Date: 3-16-07 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: MW-2 | Date Monitored: 3-16-07 | Well Condition: See Comments
Well Diameter: 2 in.
Total Depth: 20.25 ft.
Depth to Water: 13.40 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

6.85 xVF 0.17 = 1.16 x3 case volume= Estimated Purge Volume: 3.5 gal.

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 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): 1200 | Weather Conditions: clear/hot
Sample Time/Date: 1225 3-16-07 | Water Color: clear | Odor: none
Purging Flow Rate: 0.3 gpm. | Sediment Description:
Did well de-water? | If yes, Time: | Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1208	1	6.85	1191	67.5		
1212	2	6.86	1197	67.9		
1216	3.5	6.89	1203	68.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ ETHANOL(8260)
	x voa vial	YES	HCL	LANCASTER	HVOC'S(8260
	x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS: All 3 flanges are stripped. Grout around box cracked. Picture.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-9708 | Job Number: 386395
Site Address: 5910 Macarthur Blvd. | Event Date: 3-16-07 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: MW-3 | Date Monitored: 3-16-07 | Well Condition: See comments

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

Well Diameter: 2 in.
Total Depth: 20.15 ft.
Depth to Water: 11.23 ft.
8.92 xVF 0.17 = 1.52 x3 case volume= Estimated Purge Volume: 5 gal.

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 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): 1310 | Weather Conditions: clear/hot
Sample Time/Date: 1335 / 3-16-07 | Water Color: clear | Odor: yes
Purging Flow Rate: 0.5 gpm. | Sediment Description:
Did well de-water? | If yes, Time: | Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1318	1.5	6.57	951	68.1		
1322	3	6.62	940	67.8		
1326	5	6.68	946	67.7		

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)
	3 x voa vial	YES	HCL	LANCASTER	HVOC'S(8260
	2 x 500ml Amber	YES	NP	LANCASTER	TPH-D

COMMENTS: This well has been in a bad shape for a long time. Unable to secure well cover. Well casing (rim) is too close to the top ring level of box. Unable to secure plug properly, can't secure padlock either.

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-9708 Job Number: 386395
Site Address: 5910 Macarthur Blvd. Event Date: 3-16-07 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW-4 Date Monitored: 3-16-07 Well Condition: o.k
Well Diameter 2 in.
Total Depth 19.65 ft.
Depth to Water 13.70 ft.
5.95 xVF 0.17 = 1.01 x3 case volume= Estimated Purge Volume: 3.5 gal.

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

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 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): 1040 Weather Conditions: clear/hot
Sample Time/Date: 1103 / 3-16-07 Water Color: clear Odor: none
Purging Flow Rate: 0.5 gpm. Sediment Description:
Did well de-water? If yes, Time: Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1047	1	6.94	1051	68.2		
1050	2	6.91	1058	68.1		
1054	3.5	6.87	1056	68.0		

LABORATORY INFORMATION

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

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-9708 | Job Number: 386395
Site Address: 5910 Macarthur Blvd. | Event Date: 3-16-07 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: MW-5 | Date Monitored: 3-16-07 | Well Condition: o.k

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

Well Diameter: 2 in.
Total Depth: 18.75 ft.
Depth to Water: 11.00 ft.
7.75 xVF 0.17 = 1.32 x3 case volume= Estimated Purge Volume: 4 gal.

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 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): 1120 | Weather Conditions: clear/hot
Sample Time/Date: 1145 / 3-16-07 | Water Color: clear | Odor: ~~yes~~
Purging Flow Rate: 0.5 gpm. | Sediment Description:
Did well de-water? | If yes, Time: | Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1130	1	7.10	1248	68.2		
1134	3	7.18	1252	68.5		
1138	4	7.21	1257	68.1		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: | Add/Replaced Plug: | Size:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-9708 | Job Number: 386395
Site Address: 5910 Macarthur Blvd. | Event Date: 3-16-07 (inclusive)
City: Oakland, CA | Sampler: JoC

Well ID: MW-6 | Date Monitored: 3-16-07 | Well Condition: O.K

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

Well Diameter: 2 in.
Total Depth: 18.91 ft.
Depth to Water: 9.78 ft.
9.13 xVF 0.17 = 1.55 x3 case volume= Estimated Purge Volume: 5 gal.

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

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 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): 1005 | Weather Conditions: Clear
Sample Time/Date: 1030 3-16-07 | Water Color: Clear | Odor: none
Purging Flow Rate: 0.5 gpm. | Sediment Description:
Did well de-water? | If yes, Time: | Volume: gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (u mhos/cm)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1014	1.5	7.49	896	67.1		
1018	3	7.50	937	67.8		
1022	5	7.43	932	68.4		

LABORATORY INFORMATION

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

COMMENTS:

Add/Replaced Lock: | Add/Replaced Plug: | Size:

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

031907-05

For Lancaster Laboratories use only

Acct. #: 10904 Sample # 5008836-42 Group #: 001798

Group# 1029990

Facility #: SS#9-9708-OML G-R#386395 Global ID#T0600102093

Site Address: 5910 MACARTHUR BLVD., OAKLAND, CA

Chevron PM: SS Lead Consultant: CAMBRIACE

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 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	Matrix: Water	Matrix: Oil ☐ Air	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	Ethanol (8260)	HVOCs (8260)
QA	—	—	✓			✓		2	✓	✓							
MW-1	3-16-07	1300						6	✓	✓						✓	
MW-2		1225						6	✓	✓						✓	
MW-3		1335						11	✓	✓	✓					✓	✓
MW-4		1105						6	✓	✓						✓	
MW-5		1145						6	✓	✓						✓	
MW-6	↓	1030	↓			↓		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 **EDF/EDD**
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by:	3-17-07	1300	Received by:	3/17/07	
Relinquished by:	3/19/07		Received by:	3/19/07	1315
Relinquished by:	3/19/07	1530	Received by: DHL	3/19/07	1530
Relinquished by Commercial Carrier: UPS FedEx Other DHL			Received by:	3-20-07	0950
Temperature Upon Receipt 1.2° - 2.3° C° Range			Custody Seals Intact? Yes No		

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1029990. Samples arrived at the laboratory on Tuesday, March 20, 2007. The PO# for this group is 0015009981 and the release number is SINHA.

Client Description			Lancaster Labs Number
QA-T-070316	NA	Water	5008836
MW-1-W-070316	Grab	Water	5008837
MW-2-W-070316	Grab	Water	5008838
MW-3-W-070316	Grab	Water	5008839
MW-4-W-070316	Grab	Water	5008840
MW-5-W-070316	Grab	Water	5008841
MW-6-W-070316	Grab	Water	5008842

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

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Analysis Report

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

Respectfully Submitted,

Susan M Goshert

Susan M. Goshert
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5008836

QA-T-070316 **NA** **Water**
Facility# 99708 Job# 386395 **GRD**
5910 MacArthur-Oakland **T0600102093 QA**
Collected:03/16/2007

Account Number: 10904

Submitted: 03/20/2007 09:50
Reported: 03/30/2007 at 13:04
Discard: 04/30/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACQA

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

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/22/2007 12:48	K. Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	03/24/2007 01:57	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2007 12:48	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/24/2007 01:57	Michael A Ziegler	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5008837

MW-1-W-070316 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-1
Collected:03/16/2007 13:00 by JA

Account Number: 10904

Submitted: 03/20/2007 09:50
Reported: 03/30/2007 at 13:04
Discard: 04/30/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACM1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	99.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	41.	0.5	ug/l	1
05401	Benzene	71-43-2	0.8	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/22/2007 16:44	K. Robert Caulfeild-James	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	03/27/2007 14:17	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2007 16:44	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/27/2007 14:17	Dawn M Harle	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5008838

MW-2-W-070316 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-2
Collected:03/16/2007 12:25 by JA

Account Number: 10904

Submitted: 03/20/2007 09:50
Reported: 03/30/2007 at 13:04
Discard: 04/30/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACM2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/22/2007 17:14	K. Robert Caulfeild-James	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	03/27/2007 14:41	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2007 17:14	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/27/2007 14:41	Dawn M Harle	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5008839

MW-3-W-070316 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-3
Collected:03/16/2007 13:35 by JA

Account Number: 10904

Submitted: 03/20/2007 09:50
Reported: 03/30/2007 at 13:04
Discard: 04/30/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06609	TPH-DRO (Waters)	n.a.	1,800.	300.	ug/l	10
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					

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Analysis Report

Lancaster Laboratories Sample No. WW 5008839

MW-3-W-070316 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-3
Collected:03/16/2007 13:35 by JA

Account Number: 10904

Submitted: 03/20/2007 09:50
Reported: 03/30/2007 at 13:04
Discard: 04/30/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACM3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/22/2007 20:08	K. Robert Caulfeild-James	1
06609	TPH-DRO (Waters)	SW-846 8015B	1	03/24/2007 14:18	Heather E Williams	10
05382	EPA SW846/8260 (water)	SW-846 8260B	1	03/22/2007 22:56	Kelly E Brickley	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	03/22/2007 22:56	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2007 20:08	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/22/2007 22:56	Kelly E Brickley	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	03/22/2007 09:40	Debora L Barsis	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5008840

MW-4-W-070316 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-4
Collected:03/16/2007 11:05 by JA

Account Number: 10904

Submitted: 03/20/2007 09:50
Reported: 03/30/2007 at 13:04
Discard: 04/30/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACM4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.6	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/22/2007 20:37	K. Robert Caulfeild-James	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	03/27/2007 15:05	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/22/2007 20:37	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/27/2007 15:05	Dawn M Harle	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5008841

MW-5-W-070316 **Grab** **Water**
Facility# 99708 Job# 386395 **GRD**
5910 MacArthur-Oakland **T0600102093 MW-5**
Collected:03/16/2007 11:45 by JA

Account Number: 10904

Submitted: 03/20/2007 09:50
Reported: 03/30/2007 at 13:04
Discard: 04/30/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACM5

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	430.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	8.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/23/2007 13:09	K. Robert Caulfeild-James	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	03/26/2007 13:18	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/23/2007 13:09	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/26/2007 13:18	Dawn M Harle	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5008842

MW-6-W-070316 Grab Water
Facility# 99708 Job# 386395 GRD
5910 MacArthur-Oakland T0600102093 MW-6
Collected:03/16/2007 10:30 by JA

Account Number: 10904

Submitted: 03/20/2007 09:50
Reported: 03/30/2007 at 13:04
Discard: 04/30/2007

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

MACM6

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	1.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	03/23/2007 13:38	K. Robert Caulfeild-James	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	03/26/2007 13:42	Dawn M Harle	1
01146	GC VOA Water Prep	SW-846 5030B	1	03/23/2007 13:38	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/26/2007 13:42	Dawn M Harle	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Group Number: 1029990
Reported: 03/30/07 at 01:04 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: 070800026A	Sample number(s): 5008839							
TPH-DRO (Waters)	N.D.	29.	ug/l	89	88	63-119	1	20
Batch number: 07082A08A	Sample number(s): 5008836-5008840							
TPH-GRO - Waters	N.D.	50.	ug/l	110	115	75-135	4	30
Batch number: 07083A08A	Sample number(s): 5008841-5008842							
TPH-GRO - Waters	N.D.	50.	ug/l	102	106	75-135	5	30
Batch number: D070823AA	Sample number(s): 5008836							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	78		73-119		
Benzene	N.D.	0.5	ug/l	98		78-119		
Toluene	N.D.	0.5	ug/l	96		85-115		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	100		83-113		
Batch number: W070812AA	Sample number(s): 5008839							
Ethanol	N.D.	50.	ug/l	90		39-161		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95		73-119		
Chloromethane	N.D.	1.	ug/l	68		47-132		
Vinyl Chloride	N.D.	1.	ug/l	73		54-123		
Bromomethane	N.D.	1.	ug/l	77		47-129		
Chloroethane	N.D.	1.	ug/l	74		57-125		
Trichlorofluoromethane	N.D.	2.	ug/l	98		57-141		
1,1-Dichloroethene	N.D.	0.8	ug/l	98		76-122		
Methylene Chloride	N.D.	2.	ug/l	97		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	ug/l	96		83-117		
1,1-Dichloroethane	N.D.	1.	ug/l	97		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	ug/l	96		84-117		
Chloroform	N.D.	0.8	ug/l	102		86-124		
1,1,1-Trichloroethane	N.D.	0.8	ug/l	106		83-127		
Carbon Tetrachloride	N.D.	1.	ug/l	105		77-130		
Benzene	N.D.	0.5	ug/l	92		78-119		
1,2-Dichloroethane	N.D.	0.5	ug/l	105		77-132		
Trichloroethene	N.D.	1.	ug/l	96		87-117		
1,2-Dichloropropane	N.D.	1.	ug/l	90		80-117		
Bromodichloromethane	N.D.	1.	ug/l	98		83-121		
Toluene	N.D.	0.5	ug/l	93		85-115		
1,1,2-Trichloroethane	N.D.	0.8	ug/l	91		86-113		
Tetrachloroethene	N.D.	0.8	ug/l	96		74-125		
Dibromochloromethane	N.D.	1.	ug/l	98		78-119		
Chlorobenzene	N.D.	0.8	ug/l	92		85-115		
Ethylbenzene	N.D.	0.5	ug/l	93		82-119		
m+p-Xylene	N.D.	0.5	ug/l	93		83-113		
o-Xylene	N.D.	0.5	ug/l	94		83-113		
Bromoform	N.D.	1.	ug/l	89		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	ug/l	79		72-119		

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Reported: 03/30/07 at 01:04 PM

Group Number: 1029990

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
1,3-Dichlorobenzene	N.D.	1.	ug/l	92		81-114		
1,4-Dichlorobenzene	N.D.	1.	ug/l	91		84-116		
1,2-Dichlorobenzene	N.D.	1.	ug/l	91		81-112		
trans-1,3-Dichloropropene	N.D.	1.	ug/l	91		79-114		
cis-1,3-Dichloropropene	N.D.	1.	ug/l	90		78-114		
Freon 113	N.D.	2.	ug/l	98		66-125		
Batch number: Z070852AA	Sample number(s): 5008841-5008842							
Ethanol	N.D.	50.	ug/l	120		39-161		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	104		73-119		
Benzene	N.D.	0.5	ug/l	100		78-119		
Toluene	N.D.	0.5	ug/l	102		85-115		
Ethylbenzene	N.D.	0.5	ug/l	101		82-119		
Xylene (Total)	N.D.	0.5	ug/l	98		83-113		
Batch number: Z070862AA	Sample number(s): 5008837-5008838,5008840							
Ethanol	N.D.	50.	ug/l	126		39-161		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	107		73-119		
Benzene	N.D.	0.5	ug/l	104		78-119		
Toluene	N.D.	0.5	ug/l	106		85-115		
Ethylbenzene	N.D.	0.5	ug/l	105		82-119		
Xylene (Total)	N.D.	0.5	ug/l	102		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: 07082A08A	Sample number(s): 5008836-5008840 UNSPK: P008829								
TPH-GRO - Waters	108		63-154						
Batch number: 07083A08A	Sample number(s): 5008841-5008842 UNSPK: 5008841								
TPH-GRO - Waters	88		63-154						
Batch number: D070823AA	Sample number(s): 5008836 UNSPK: P008821								
Methyl Tertiary Butyl Ether	88	88	69-127	0	30				
Benzene	106	105	83-128	0	30				
Toluene	105	104	83-127	1	30				
Ethylbenzene	103	101	82-129	2	30				
Xylene (Total)	107	108	82-130	1	30				
Batch number: W070812AA	Sample number(s): 5008839 UNSPK: P008855								
Ethanol	96	95	41-159	1	30				
Methyl Tertiary Butyl Ether	101	98	69-127	3	30				
Chloromethane	74	77	46-149	4	30				
Vinyl Chloride	79	82	54-143	4	30				
Bromomethane	80	83	52-141	4	30				
Chloroethane	79	79	56-140	0	30				
Trichlorofluoromethane	109	112	64-165	3	30				
1,1-Dichloroethene	113	110	87-145	3	30				
Methylene Chloride	104	99	79-133	5	30				

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

Quality Control Summary

Client Name: Chevron
Reported: 03/30/07 at 01:04 PM

Group Number: 1029990

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
trans-1,2-Dichloroethene	109	103	82-133	6	30				
1,1-Dichloroethane	107	105	85-135	2	30				
cis-1,2-Dichloroethene	103	99	83-126	4	30				
Chloroform	111	109	83-139	2	30				
1,1,1-Trichloroethane	120	117	81-142	2	30				
Carbon Tetrachloride	122	122	82-149	0	30				
Benzene	102	100	83-128	2	30				
1,2-Dichloroethane	116	112	70-143	4	30				
Trichloroethene	109	107	83-136	2	30				
1,2-Dichloropropane	96	97	83-129	0	30				
Bromodichloromethane	108	104	80-129	4	30				
Toluene	101	101	83-127	0	30				
1,1,2-Trichloroethane	95	95	77-125	0	30				
Tetrachloroethene	106	107	78-133	1	30				
Dibromochloromethane	106	102	82-119	4	30				
Chlorobenzene	102	102	83-120	1	30				
Ethylbenzene	102	102	82-129	0	30				
m+p-Xylene	103	104	82-130	1	30				
o-Xylene	101	103	82-130	1	30				
Bromoform	92	92	64-119	0	30				
1,1,2,2-Tetrachloroethane	81	81	73-121	1	30				
1,3-Dichlorobenzene	99	101	79-123	2	30				
1,4-Dichlorobenzene	101	100	81-122	1	30				
1,2-Dichlorobenzene	99	98	82-117	1	30				
trans-1,3-Dichloropropene	95	95	77-123	0	30				
cis-1,3-Dichloropropene	97	94	80-126	3	30				
Freon 113	111	115	78-146	4	30				
Batch number: Z070852AA	Sample number(s): 5008841-5008842 UNSPK: P009038								
Ethanol	94	92	41-159	2	30				
Methyl Tertiary Butyl Ether	107	108	69-127	1	30				
Benzene	108	107	83-128	1	30				
Toluene	108	107	83-127	0	30				
Ethylbenzene	107	108	82-129	1	30				
Xylene (Total)	102	103	82-130	1	30				
Batch number: Z070862AA	Sample number(s): 5008837-5008838,5008840 UNSPK: P008831								
Ethanol	109	134	41-159	21	30				
Methyl Tertiary Butyl Ether	110	111	69-127	0	30				
Benzene	111	111	83-128	0	30				
Toluene	112	111	83-127	1	30				
Ethylbenzene	111	109	82-129	2	30				
Xylene (Total)	106	104	82-130	2	30				

Surrogate Quality Control

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

Analysis Name: TPH-DRO (Waters)

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

Quality Control Summary

Client Name: Chevron
Reported: 03/30/07 at 01:04 PM

Group Number: 1029990

Surrogate Quality Control

Batch number: 070800026A
Orthoterphenyl

5008839	75
Blank	94
LCS	109
LCSD	110
Limits:	59-131

Analysis Name: TPH-GRO - Waters
Batch number: 07082A08A
Trifluorotoluene-F

5008836	90
5008837	93
5008838	92
5008839	90
5008840	92
Blank	90
LCS	96
LCSD	96
MS	97
Limits:	63-135

Analysis Name: TPH-GRO - Waters
Batch number: 07083A08A
Trifluorotoluene-F

5008841	100
5008842	92
Blank	89
LCS	95
LCSD	96
MS	99
Limits:	63-135

Analysis Name: BTEX+MTBE by 8260B
Batch number: D070823AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5008836	99	96	92	93
Blank	96	92	90	87
LCS	95	90	89	95
MS	101	94	92	99
MSD	98	91	92	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: EPA SW846/8260 (water)
Batch number: W070812AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5008839	91	86	85	86
Blank	91	84	86	86
LCS	90	85	87	88

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

Quality Control Summary

Client Name: Chevron
Reported: 03/30/07 at 01:04 PM

Group Number: 1029990

Surrogate Quality Control

MS	91	87	88	88
MSD	88	83	87	87
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX, MTBE, ETOH
Batch number: Z070852AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5008841	106	103	101	105
5008842	104	104	103	101
Blank	106	101	104	100
LCS	105	104	106	104
MS	107	105	105	102
MSD	107	105	104	104
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX, MTBE, ETOH
Batch number: Z070862AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5008837	107	104	106	103
5008838	107	103	106	103
5008840	108	104	107	102
Blank	107	104	106	102
LCS	108	106	106	104
MS	108	105	107	103
MSD	107	105	106	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 background result was more than four times the spike added.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected
TNTC	Too Numerous To Count
IU	International Units
umhos/cm	micromhos/cm
C	degrees Celsius
Cal	(diet) calories
meq	milliequivalents
g	gram(s)
ug	microgram(s)
ml	milliliter(s)
m3	cubic meter(s)

BMQL	Below Minimum Quantitation Level
MPN	Most Probable Number
CP Units	cobalt-chloroplatinate units
NTU	nephelometric turbidity units
F	degrees Fahrenheit
lb.	pound(s)
kg	kilogram(s)
mg	milligram(s)
l	liter(s)
ul	microliter(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.