



GETTLER-RYAN INC.

TRANSMITTAL

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11:36 am, May 10, 2010

Alameda County
Environmental Health

December 18, 2008

G-R #386383

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

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

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

RE: **Chevron Service Station
#9-4800
1700 Castro Street
Oakland, California
RO 0000342**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	December 16, 2008	Groundwater Monitoring and Sampling Report Fourth Quarter Event of November 13, 2008

COMMENTS:

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

Mr. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 (No Hard Copy-UPLOAD TO ALAMEDA CO.)

Enclosures

trans/9-4800-AC



Aaron Costa
Project Manager
Marketing Business Unit

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

December 18, 2008

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

Re: Chevron Service Station No. 9-4800
Address 1700 Castro Street

I have reviewed the attached routine groundwater monitoring report dated
December 18, 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 that reads "Aaron Costa".

Aaron Costa
Project Manager

Attachment: Report

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-4800
 Site Address: 1700 Castro Street
 City: Oakland, CA

Job # 386383
 Event Date: 11-13-08
 Sampler: Joc

WELL ID	Vault Frame Condition	Gasket/O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
MW-1	O.K	O.K	O.K	O.K	O.K	O.K	O.K	N	N	8" Bolt-Louq./3	No
MW-2	↓	↓	↓	(1) of (3) bolts (B) inside flange	↓	↓	↓	↓	↓	"	↓
MW-3	↓	↓	↓	O.K	↓	↓	↓	↓	↓	"	↓
MW-4	↓	↓	↓	↓	↓	↓	↓	↓	↓	"	↓
MW-7	↓	↓	(R) 1 of 3	↓	↓	↓	↓	↓	↓	"	↓

Comments _____



GETTLER - RYAN INC.



December 16, 2008
G-R Job #386383

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

RE: Fourth Quarter Event of November 13, 2008
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

Dear Mr. Costa:

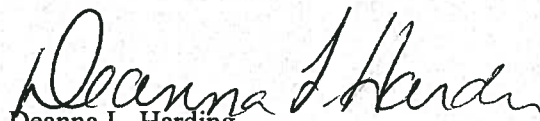
This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

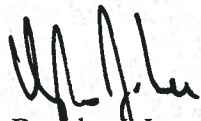
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

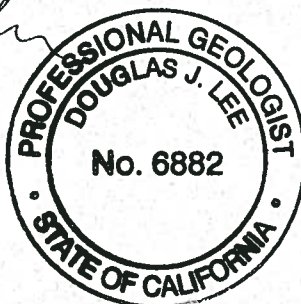
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and the laboratory analytical report are also attached. All groundwater and decontamination water generated during sampling activities was removed from the site, per the Standard Operating Procedure.

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

Sincerely,


Deanna L. Harding
Project Coordinator


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

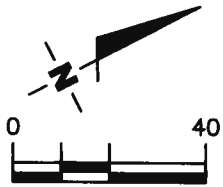


- Figure 1: Potentiometric Map
- Table 1: Groundwater Monitoring Data and Analytical Results
- Table 2: Groundwater Analytical Results - Oxygenate Compounds
- Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

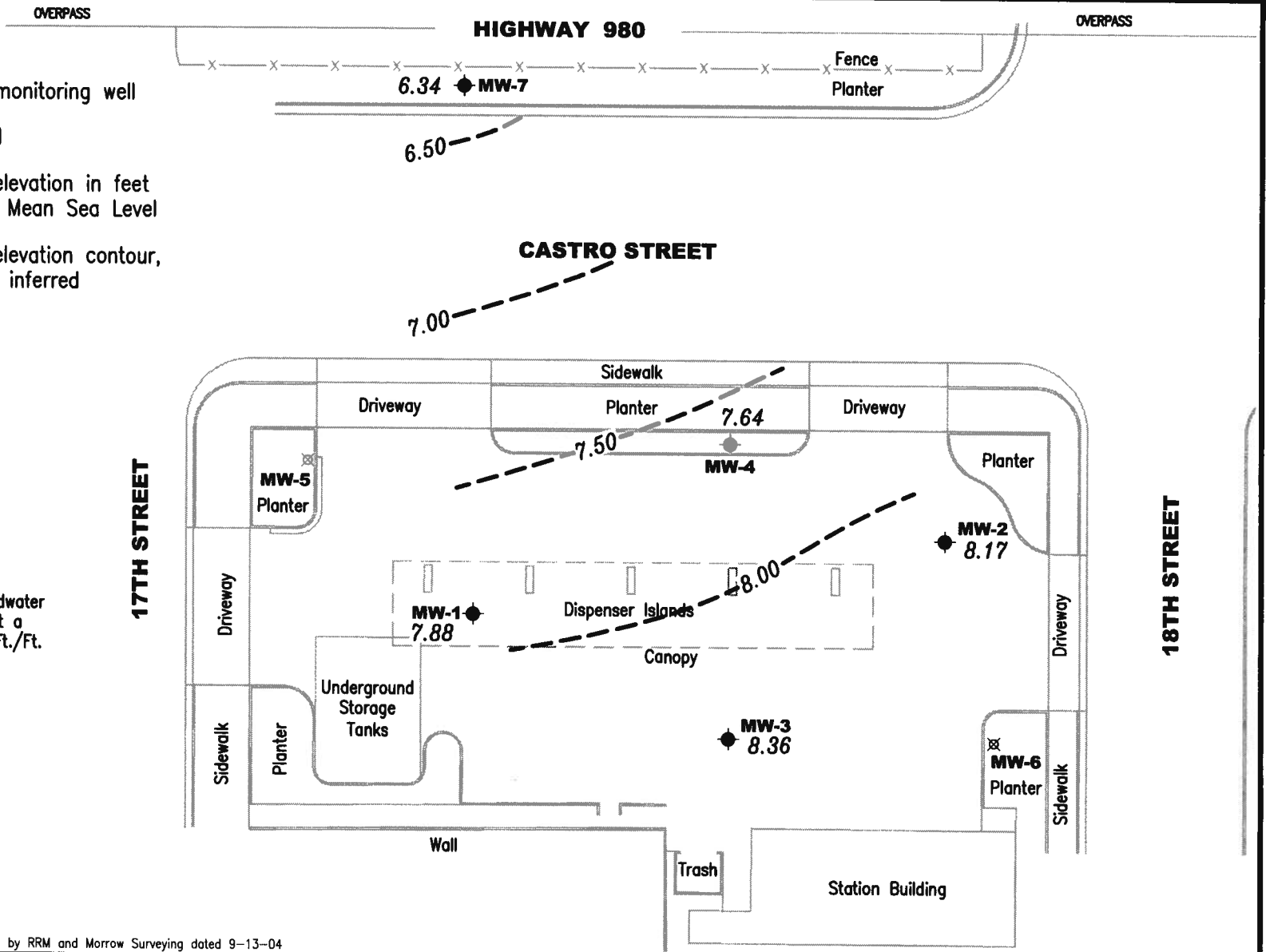
EXPLANATION

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

Approximate groundwater flow direction at a gradient of 0.01 Ft./Ft.



Scale in Feet



Source: Figure modified from drawing provided by RRM and Morrow Surveying dated 9-13-04

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

POTENTIOMETRIC MAP
 Chevron Service Station #9-4800
 1700 Castro Street
 Oakland, California

FIGURE

1

PROJECT NUMBER
 386383

REVIEWED BY

DATE
 November 13, 2008

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-1										
06/04/97	30.75	4.39	25.82	71 ¹	890	100	110	29	150	<10
09/16/97	30.75	4.85	25.90	75 ¹	1,600	210	210	60	250	<10
12/17/97	30.75	4.88	25.87	65 ¹	940	120	100	41	160	<25
03/18/98	30.75	5.90	24.85	77 ¹	530	91	39	22	65	6.8
06/28/98	30.75	5.92	24.83	140 ¹	1,100	220	140	37	120	14
09/07/98	30.75	5.56	25.19	280 ¹	1,700	530	86	84	240	49
12/09/98	30.75	5.10	25.65	240 ¹	1,700	240	130	100	270	32
03/11/99	30.75	5.30	25.45	98 ¹	353	53.9	28.6	20.5	56.1	14.1
06/17/99	30.75	5.39	25.36	217 ¹	810	270	150	95	340	15
09/29/99	30.75	5.13	25.62	153 ¹	659	76	49.7	35.1	118	12.6
12/14/99	30.75	5.07	25.68	188 ^{1,2}	2,760	287	199	139	502	<12.5
03/09/00 ³	30.75	5.54	25.21	166 ¹	1,590	238	94.9	72.2	247	22.3
06/10/00	30.75	5.73	25.02	--	1,460	242	47.8	83.8	151	97.3
09/30/00	30.75	5.30	25.45	240 ⁷	650 ⁶	130	49	69	190	21
12/22/00	30.75	5.05	25.70	200 ⁹	640 ⁶	110	33	58	160	68
03/01/01	30.75	5.25	25.50	211 ⁷	1,500 ⁶	210	67.9	109	320	87.3
05/04/01	30.75	5.41	25.34	130 ⁷	991	127	32.6	73.0	137	95.4
09/05/01	30.75	5.16	25.59	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/21/01	30.75	5.17	25.58	210	2,000	220	16	110	400	34
03/15/02	30.75	5.60	25.15	--	--	--	--	--	--	--
06/15/02	30.75	5.49	25.26	140	350	54	0.61	12	40	130
09/06/02	30.75	5.26	25.49	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/06/02	30.75	5.12	25.63	2,900	900	71	2.1	39	150	34
03/03/03	30.75	5.46	25.29	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
06/17/03 ¹⁴	30.75	5.64	25.11	180	290	34	0.6	23	90	92
09/16/03	30.75	5.37	25.38	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/31/03 ¹⁴	30.75	5.20	25.55	150	1,500	97	6	70	230	86
03/26/04	30.75	5.74	25.01	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
08/17/04 ¹⁴	30.75	4.59	26.16	860	500	44	5	12	54	76
11/16/04 ¹⁴	34.01	7.85	26.16	<26	570	33	<0.5	14	53	48
02/18/05	34.01	8.25	25.76	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/06/05 ¹⁴	34.01	8.62	25.39	110	170	13	<0.5	4	18	220
08/05/05	34.01	8.31	25.70	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/07/05 ¹⁴	34.01	7.99	26.02	260 ²⁰	180	7	<0.5	3	24	260
02/06/06	34.01	8.33	25.68	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/08/06 ¹⁴	34.01	9.03	24.98	730	270	23	<0.7	1	18	590

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-1 (cont)										
08/08/06	34.01	8.49	25.52	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/08/06 ¹⁴	34.01	8.11	25.90	380	<50	0.6	<0.5	<0.5	2	140
02/06/07	34.01	8.03	25.98	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/01/07 ¹⁴	34.01	8.23	25.78	750	58	0.8	<0.5	<0.5	1	280
07/31/07	34.01	8.01	26.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/08/07 ¹⁴	34.01	7.85	26.16	330	<50	<0.5	<0.5	<0.5	0.9	270
02/04/08	34.01	8.04	25.97	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/01/08 ¹⁴	34.01	8.06	25.95	86	<50	<0.5	<0.5	<0.5	<0.5	470
08/01/08	34.01	7.97	26.04	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/13/08 ¹⁴	34.01	7.88	26.13	<50	170	1	<0.5	<0.5	2	190
MW-2										
06/04/97	30.00	5.13	24.87	4,000 ¹	13,000	790	30	420	1,700	4000
09/16/97	30.00	5.06	24.94	2,200 ¹	4,000	360	9.7	210	460	1500
12/17/97	30.00	5.18	24.82	2,100 ¹	4,100	380	<10	200	460	2100
03/18/98	30.00	6.43	23.57	3,700 ¹	8,400	1,800	<50	350	630	13,000
06/28/98 ⁴	30.00	6.21	23.79	4,400 ¹	9,300	740	340	710	2,300	3800
09/07/98	30.00	5.78	24.22	3,100 ¹	9,900	1,000	150	640	1,800	4500/4100 ⁵
12/09/98	30.00	5.31	24.69	1,900 ¹	8,500	860	74	610	960	2600/2600 ⁵
03/11/99	30.00	5.79	24.21	2,700 ¹	12,500	1,520	42.2	645	2,250	3400/5050 ⁵
06/17/99	30.00	5.69	24.31	7,150 ¹	27,000	2,200	260	1500	5,900	4700
09/29/99	30.00	5.45	24.55	3,030 ¹	6910	582	11.1	491	1,170	1970
12/14/99	30.00	5.39	24.61	615 ^{1,2}	4230	282	12.3	284	690	631
03/09/00 ³	30.00	6.08	23.92	3,300 ¹	15,300	1,110	39.4	1,040	3,030	2,470
06/10/00	30.00	6.13	23.87	--	7,360	560	40.7	627	1,280	1,260
09/30/00	30.00	5.67	24.33	1,800 ⁷	3,600 ⁶	280	<10	420	430	290
12/22/00	30.00	5.39	24.61	870 ⁹	1,500 ⁶	100	<1.3	160	59	380
03/01/01	30.00	5.79	24.21	1,320 ⁷	2,340 ⁶	171	<5.00	238	157	864
05/04/01	30.00	5.83	24.17	3,100 ⁷	11,900	199	33.9	1,420	290	3,890
09/05/01	30.00	5.45	24.55	2,200	3,300	170	1.7	310	110	1,100
12/21/01	30.00	5.60	24.40	980	1,100	58	0.72	120	14	450
03/15/02	30.00	6.05	23.95	2,200	5,000	250	9.1	470	430	1,800
06/15/02	30.00	5.84	24.16	3,700	5,200	240	5.2	540	210	2,200
09/06/02	30.00	5.59	24.41	2,200	2,100	84	1.4	250	30	1,000
12/06/02	30.00	5.44	24.56	730	780	21	<0.50	58	3.4	480

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (fl.)	GWE (mst)	DTW (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-2 (cont)										
03/03/03	30.00	5.79	24.21	3,500	4,800	220	1.9	650	46	4,400
06/17/03 ¹⁴	30.00	6.07	23.93	4,100	4,700	140	4	370	84	2,700
09/16/03 ¹⁴	30.00	5.69	24.31	1,800 ¹⁵	1,300	38	<1	110	3	1,300
12/31/03 ¹⁴	30.00	5.64	24.36	330	990	11	<0.5	23	3	440
03/26/04	30.00	6.25	23.75	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
08/17/04 ¹⁴	30.00	5.53	24.47	400	300	9	<0.5	18	1	340
11/16/04 ¹⁴	32.59	8.14	24.45	4,300	10,000	91	7	830	1,300	1,100
02/18/05	32.59	8.67	23.92	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/06/05 ¹⁴	32.59	9.06	23.53	1,300	4,900	62	4	290	320	400
08/05/05	32.59	8.61	23.98	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/07/05 ¹⁴	32.59	8.27	24.32	300 ²⁰	800	2	<0.5	<0.5	<0.5	66
02/06/06	32.59	8.76	23.83	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/08/06 ¹⁴	32.59	9.49	23.10	2,100	6,100	32	4	430	460	360
08/08/06	32.59	8.79	23.80	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/08/06 ¹⁴	32.59	8.32	24.27	770	120	12	<0.5	0.7	8	840
02/06/07	32.59	8.30	24.29	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/01/07 ¹⁴	32.59	8.54	24.05	160	850	<0.5	<0.5	16	36	100
07/31/07	32.59	8.28	24.31	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/08/07 ¹⁴	32.59	8.12	24.47	800	180	<0.5	<0.5	<0.5	<0.5	37
02/04/08	32.59	8.38	24.21	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/01/08 ¹⁴	32.59	8.34	24.25	500	430	<0.5	<0.5	<0.5	5	120
08/01/08	32.59	8.26	24.33	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/13/08 ¹⁴	32.59	8.17	24.42	2,600	2,500	3	1	190	83	240
MW-3										
06/04/97	31.32	5.27	26.05	<50	190	26	20	1.5	16	8.2
09/16/97	31.32	5.17	26.15	<50	270	58	53	6.1	30	21
12/17/97	31.32	5.22	26.10	<50	290	50	54	8.1	37	21
03/18/98	31.32	6.42	24.90	<50	390	140	33	4.6	30	94
06/28/98	31.32	6.39	24.93	<50	290	90	11	1.6	13	150
09/07/98	31.32	5.97	25.35	<50	170	46	20	4.3	19	120
12/09/98	31.32	5.41	25.91	55 ¹	660	120	93	22	72	150
03/11/99	31.32	5.85	25.47	<50	653	136	69.5	13.7	63.8	144
06/17/99	31.32	5.90	25.42	103 ¹	530	190	110	24	88	210
09/29/99	31.32	5.61	25.71	232 ¹	433	97.8	61.4	16.9	56.6	156

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-3 (cont)										
12/14/99	31.32	5.55	25.77	<50 ²	8650	1040	795	212	800	995
03/09/00 ³	31.32	6.14	25.18	74.6 ¹	1170	304	103	25.2	114	539
06/10/00	31.32	6.29	25.03	--	359	63.8	27.8	10.5	35.4	393
09/30/00	31.32	5.79	25.53	100 ⁸	220 ⁶	42	33	12	38	67
12/22/00	31.32	5.52	25.80	110 ⁹	370 ⁶	96	48	18	58	180
03/01/01	31.32	5.75	25.57	144 ⁷	912 ⁶	218	89.0	36.0	110	310
05/04/01	31.32	5.96	25.36	<50	1,260	146	79.6	38.2	101	1,070
09/05/01	31.32	5.61	25.71	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/21/01	31.32	5.67	25.65	180	850	160	11	32	84	300
03/15/02	31.32	6.15	25.17	--	--	--	--	--	--	--
06/15/02	31.32	6.01	25.31	<50	550	110	3.0	23	58	590
09/06/02	31.32	5.74	25.58	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/06/02	31.32	5.56	25.76	160	350	60	1.3	11	32	530
03/03/03	31.32	5.92	25.40	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
06/17/03 ¹⁴	31.32	6.19	25.13	130	560	90	2	19	57	590
09/16/03	31.32	5.85	25.47	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/31/03 ¹⁴	31.32	5.67	25.65	120	840	140	24	25	87	670
03/26/04	31.32	6.33	24.99	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
08/17/04 ¹⁴	31.32	5.46	25.86	110	630	84	18	11	35	410
11/16/04 ¹⁴	34.16	8.26	25.90	92	740	100	4	21	45	460
02/18/05	34.16	8.79	25.37	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/06/05 ¹⁴	34.16	9.18	24.98	83	290	43	<1	6	11	740
08/05/05	34.16	8.81	25.35	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/07/05 ¹⁴	34.16	8.47	25.69	66	220	29	0.7	3	26	440
02/06/06	34.16	8.88	25.28	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/08/06 ¹⁴	34.16	9.67	24.49	310	560	70	<1	3	24	3,300
08/08/06	34.16	9.00	25.16	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/08/06 ¹⁴	34.16	8.57	25.59	210	510	<0.5	<0.5	<0.5	<0.5	73
02/06/07	34.16	8.48	25.68	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/01/07 ¹⁴	34.16	8.70	25.46	84	260	36	<0.5	0.8	18	1,200
07/31/07	34.16	8.46	25.70	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/08/07 ¹⁴	34.16	8.29	25.87	260	270	32	0.9	3	29	440
02/04/08	34.16	8.48	25.68	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/01/08 ¹⁴	34.16	8.50	25.66	82	240	30	<0.5	<0.5	20	690
08/01/08	34.16	8.40	25.76	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/13/08 ¹⁴	34.16	8.36	25.80	<50	720	22	<0.5	<0.5	7	790

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-4										
04/08/99	30.13	--	--	--	130	3.1	<0.5	<0.5	7.7	4,700
06/17/99	30.13	5.19	24.94	3,780 ¹	590	58	<5.0	<5.0	160	6,200
09/29/99	30.13	4.96	25.17	1,130 ¹	692	10.7	<2.5	5.51	236	7,840
12/14/99	30.13	4.91	25.22	571 ^{1,2}	625	<10	3.83	<10	94.6	4,470
03/09/00 ³	30.13	5.45	24.68	600 ¹	402	3.76	1.18	<0.5	71.4	3,140
06/10/00	30.13	5.53	24.60	--	<1,000	13.2	<10.0	<10.0	97.8	3,080
09/30/00	30.13	5.09	25.04	1,400 ⁷	280 ⁶	21	0.67	6.3	60	3,300
12/22/00	30.13	4.90	25.23	740 ⁹	240 ⁶	2.2	<0.50	1.3	25	2,200
03/01/01	30.13	5.15	24.98	661 ⁷	193	2.31	<0.500	1.34	12.1	1,220
05/04/01	30.13	5.25	24.88	1,100 ⁷	722	12.0	<5.00	17.1	89.4	2,390
09/05/01	30.13	4.96	25.17	2,500	1,400	23	2.2	19	260	2,300
12/21/01	30.13	5.06	25.07	1,100	310	2.9	<0.50	2.6	32	860
03/15/02	30.13	5.44	24.69	3,100	520	5.0	<0.50	15	6.8	2,700
06/15/02	30.13	5.29	24.84	2,400	950	16	3.6	41	100	2,200/2,400 ¹²
09/06/02	30.13	5.07	25.06	2,600	640	9.6	0.52	9.8	28	1,700
12/06/02	30.13	4.93	25.20	1,400	280	3.6	<0.50	1.7	<1.5	730
03/03/03	30.13	5.28	24.85	1,500	280	2.7	<0.50	7.3	2.3	910
06/17/03 ¹⁴	30.13	5.44	24.69	2,000	660	8	1	38	16	1,100
09/16/03 ¹⁴	30.13	5.15	24.98	2,100 ¹⁶	480	6	<1	11	3	710
12/31/03 ¹⁴	30.13	5.07	25.06	1,400	220	3	<0.5	2	<0.5	390
03/26/04	30.13	5.60	24.53	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
08/17/04 ¹⁴	30.13	4.68	25.45	2,100	470	12	1	28	4	370
11/16/04 ¹⁴	33.07	7.63	25.44	960	270	7	<0.5	7	6	270
02/18/05	33.07	8.07	25.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/06/05 ¹⁴	33.07	8.38	24.69	350	86	0.7	<0.5	<0.5	<0.5	110
08/05/05	33.07	8.05	25.02	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/07/05 ¹⁴	33.07	7.74	25.33	150	54	0.6	<0.5	<0.5	<0.5	59
02/06/06	33.07	8.13	24.94	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/08/06 ¹⁴	33.07	8.80	24.27	200	66	0.5	<0.5	<0.5	<0.5	92
08/08/06	33.07	7.91	25.16	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/08/06 ¹⁴	33.07	7.84	25.23	400	55	<0.5	<0.5	<0.5	<0.5	40
02/06/07	33.07	7.79	25.28	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
05/01/07 ¹⁴	33.07	7.99	25.08	150	67	<0.5	<0.5	<0.5	<0.5	76
07/31/07	33.07	7.80	25.27	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/08/07 ¹⁴	33.07	7.65	25.42	850	<50	<0.5	<0.5	<0.5	<0.5	44
02/04/08	33.07	7.84	25.23	SAMPLED SEMI-ANNUALLY		--	--	--	--	--

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WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
MW-4 (cont)										
05/01/08 ¹⁴	33.07	7.86	25.21	110	<50	<0.5	<0.5	<0.5	<0.5	67
08/01/08	33.07	7.79	25.28	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
11/13/08 ¹⁴	33.07	7.64	25.43	330	64	<0.5	<0.5	<0.5	1	220
MW-7										
05/04/01 ¹¹	31.90	4.03	27.87	<50	<50.0	<0.500	<5.00	<5.00	<5.00	567/470 ¹²
09/05/01	31.90	3.86	28.04	<50	<50	<0.50	<0.50	<0.50	<1.5	1,400/1,300 ¹²
12/21/01	31.90	3.04	28.86	210	<50	<0.50	<0.50	<0.50	<1.5	620/670 ¹²
03/15/02	31.90	4.18	27.72	<50	<50	<0.50	<0.50	<0.50	<1.5	320/350 ¹²
06/15/02	31.90	4.06	27.84	<50	<50	<0.50	<0.50	<0.50	<1.5	850/960 ¹²
09/06/02	31.90	3.93	27.97	<50	59	<0.50	<0.50	<0.50	<1.5	1,900
12/06/02	31.90	3.87	28.03	<50	68	<0.50	<0.50	<0.50	<1.5	2,200
03/03/03	31.90	4.21	27.69	<50	<50	<0.50	<0.50	<0.50	<1.5	1,300
06/17/03 ¹⁴	31.90	4.14	27.76	<50	79	<0.5	<0.5	<0.5	<0.5	2,500
09/16/03 ¹⁴	31.90	4.07	27.83	<50 ¹⁷	110	<5	<5	<5	<5	4,400
12/31/03 ¹⁴	31.90	4.04	27.86	<50	76	<2	<2	<2	<2	3,000
03/26/04 ¹⁴	31.90	4.25	27.65	<50	61	<1	<1	<1	<1	2,000
08/17/04 ¹⁴	31.90	4.02	27.88	2,200	130	<5	<5	<5	<5	8,000
11/16/04 ¹⁴	34.35	6.48	27.87	<50	200	<3	<3	<3	<3	7,300
02/18/05 ¹⁴	34.35	6.75	27.60	64	86	<10	<10	<10	<10	5,700
05/06/05 ¹⁴	34.35	6.92	27.43	60	160	<5	<5	<5	<5	8,400
08/05/05 ¹⁴	34.35	6.70	27.65	81 ¹⁸	500	<5	<5	<5	<5	20,000 ¹⁹
11/07/05 ¹⁴	34.35	6.56	27.79	68	300	<10	<10	<10	<10	24,000
02/06/06 ¹⁴	34.35	6.81	27.54	72 ²¹	300	<0.5	<0.5	<0.5	<0.5	14,000
05/08/06 ¹⁴	34.35	7.20	27.15	94	80	<2	<2	3	7	6,500
08/08/06 ¹⁴	34.35	6.82	27.53	150	520	<10	<10	<10	<10	17,000
11/08/06 ¹⁴	34.35	6.60	27.75	440	900	<5	<5	<5	<5	41,000
02/06/07 ¹⁴	34.35	6.59	27.76	200	590	<5	<5	<5	<5	31,000
05/01/07 ¹⁴	34.35	6.70	27.65	190	380	<3	<3	<3	<3	14,000
07/31/07 ¹⁴	34.35	6.60	27.75	270	570	<3	<3	<3	<3	15,000
11/08/07 ¹⁴	34.35	6.52	27.83	150	520	<5	<5	<5	<5	25,000
02/04/08 ¹⁴	34.35	6.66	27.69	87	540	<1	<1	<1	<1	17,000
05/01/08 ¹⁴	34.35	6.63	27.72	<50	230	<5	<5	<5	<5	10,000
08/01/08 ¹⁴	34.35	6.51	27.84	<50	330	<3	<3	<3	<3	12,000
11/13/08 ¹⁴	34.35	6.34	28.01	64	390	<10	<10	<10	<10	16,000

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MW-5											
04/08/99	30.93	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
06/17/99	30.93	4.93	26.00	53.8 ¹	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
09/29/99	30.93	4.73	26.20	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
12/14/99	30.93	4.61	26.32	<50 ²	<50	<0.5	<0.5	<0.5	<0.5	0.598	
03/09/00 ³	30.93	5.00	25.93	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
06/10/00	30.93	5.21	25.72	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
09/30/00	30.93	4.79	26.14	130 ⁸	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
12/22/00	30.93	4.60	26.33	250 ⁸	<50	<0.50	<0.50	<0.50	<0.50	9.1	
03/01/01	30.93	4.77	26.16	77.4 ⁷	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
05/04/01	30.93	4.89	26.04	NOT SAMPLED DUE TO INSUFFICIENT WATER						--	--
09/05/01	30.93	4.72	26.21	SAMPLED SEMI-ANNUALLY						--	--
12/21/01	30.93	4.73	26.20	110	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
03/15/02	30.93	5.06	25.87	--	--	--	--	--	--	--	
06/15/02	30.93	4.95	25.98	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
09/06/02	30.93	4.75	26.18	SAMPLED SEMI-ANNUALLY						--	--
12/06/02	30.93	4.61	26.32	<50	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
03/03/03	30.93	4.94	25.99	SAMPLED SEMI-ANNUALLY						--	--
06/17/03 ¹⁴	30.93	5.06	25.87	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
09/16/03	30.93	4.84	26.09	SAMPLED SEMI-ANNUALLY						--	--
12/31/03 ¹⁴	30.93	4.72	26.21	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
03/26/04	30.93	5.19	25.74	SAMPLED SEMI-ANNUALLY						--	--
08/17/04	30.93	TO BE DESTROYED			--	--	--	--	--	--	
DESTROYED - 2005											
MW-6											
04/08/99	30.58	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	4.5	
06/17/99	30.58	5.99	24.59	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
09/29/99	30.58	5.81	24.77	<50	<50	<0.5	<0.5	<0.5	<0.5	4.46	
12/14/99	30.58	5.74	24.84	<50 ²	<50	<0.5	<0.5	<0.5	<0.5	4.13	
03/09/00 ³	30.58	6.49	24.09	<50	<50	<0.5	<0.5	<0.5	<0.5	2.82	
06/10/00	30.58	6.58	24.00	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	
09/30/00	30.58	6.00	24.58	110 ⁸	<50	<0.50	<0.50	<0.50	<0.50	7.3	
12/22/00	30.58	5.75	24.83	100 ⁸	<50	<0.50	<0.50	<0.50	<0.50	4.5	
03/01/01	30.58	6.07	24.51	141 ⁷	<50.0	<0.500	<0.500	<0.500	<0.500	7.52	
05/04/01	30.58	6.26	24.32	<50	<50.0	<0.500	<5.00	<5.00	<5.00	2.74	
09/05/01	30.58	5.99	24.59	SAMPLED SEMI-ANNUALLY						--	--
12/21/01	30.58	5.93	24.65	200	<50	<0.50	<0.50	<0.50	<1.5	8.5	

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MW-6 (cont)										
03/15/02	30.58	6.44	24.14	--	--	--	--	--	--	--
06/15/02	30.58	6.25	24.33	<50	<50	<0.50	<0.50	<0.50	<1.5	4.3
09/06/02	30.58	5.98	24.60	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/06/02	30.58	5.79	24.79	64	<50	<0.50	<0.50	<0.50	<1.5	5.0
03/03/03	30.58	6.14	24.44	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
06/17/03 ¹⁴	30.58	6.47	24.11	<50	<50	<0.5	<0.5	<0.5	<0.5	13
09/16/03	30.58	6.06	24.52	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
12/31/03 ¹⁴	30.58	6.00	24.58	<50	<50	<0.5	<0.5	<0.5	0.5	14
03/26/04	30.58	6.69	23.89	SAMPLED SEMI-ANNUALLY		--	--	--	--	--
08/17/04	30.58	TO BE DESTROYED		--	--	--	--	--	--	--
DESTROYED - 2005										
TRIP BLANK										
06/04/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
09/16/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
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
12/09/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/11/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
06/17/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
12/14/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
03/09/00 ³	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
06/10/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
09/30/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
12/22/00 ¹⁰	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
03/01/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
05/04/01	--	--	--	--	<50.0	<0.500	<5.00	<5.00	<5.00	<0.500
09/05/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
QA										
12/21/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/15/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/15/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/06/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/06/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5

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QA (cont)										
03/03/03 ¹³	--	--	--	--	--	--	--	--	--	--
06/17/03 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/16/03 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/31/03 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/26/04 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/17/04 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/16/04 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/18/05 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/06/05 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/05/05 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/07/05 ¹⁴	--	--	--	--	<50	0.6 ¹⁹	<0.5	<0.5	<0.5	<0.5
02/06/06 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/08/06 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/08/06 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/06 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/06/07 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/01/07 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
07/31/07 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/07 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/04/08 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/01/08 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/01/08 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/13/08 ¹⁴	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

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Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 10, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing (ft.) = Feet	TPH-G = Total Petroleum Hydrocarbons as Gasoline B = Benzene	-- = Not Measured/Not Analyzed (µg/L) = Micrograms per liter
GWE = Groundwater Elevation (msl) = Mean sea level	T = Toluene E = Ethylbenzene	QA = Quality Assurance/Trip Blank
DTW = Depth to Water	X = Xylenes	
TPH-D = Total Petroleum Hydrocarbons as Diesel	MTBE = Methyl Tertiary Butyl Ether	

* The following wells: MW-1, MW-2, MW-3, MW-4, and MW-7, were resurveyed by Morrow Surveying on September 13, 2004. TOC elevation was surveyed on April 11, 2001, by Virgil Chavez Land Surveying. The benchmark for the survey was the top of curb at the south end of the return at the southeast corner of Castro Street and 18th Street. (Benchmark Elevation = 29.65 feet, msl).

- 1 Chromatogram pattern indicates an unidentified hydrocarbon.
- 2 Sample was extracted outside EPA recommended holding time.
- 3 TPH-G, BTEX and MTBE was analyzed outside EPA recommended holding time.
- 4 EPA Method 8240.
- 5 Confirmation run.
- 6 Laboratory report indicates gasoline C6-C12.
- 7 Laboratory report indicates unidentified hydrocarbons C9-C24.
- 8 Laboratory report indicates unidentified hydrocarbons >C16.
- 9 Laboratory report indicates unidentified hydrocarbons C9-C40.
- 10 Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.
- 11 Well development performed.
- 12 MTBE by EPA Method 8260.
- 13 Due to laboratory error the trip blank sample was not analyzed.
- 14 BTEX and MTBE by EPA Method 8260.
- 15 Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the re-extraction are within the limits. The hold time had expired prior to re-extraction so all results are reported from the original extract. The TPH-D result from the re-extraction is 910 ppb.
- 16 Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the re-extraction are within the limits. The hold time had expired prior to re-extraction so all results are reported from the original extract. The TPH-D result from the re-extraction is 1,700 ppb.
- 17 Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the re-extraction are within the limits. The hold time had expired prior to re-extraction so all results are reported from the original extract. Similar results were obtained in both extracts.
- 18 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel.
- 19 Analytical result confirmed.
- 20 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and an additional pattern which elutes later in the DRO range.
- 21 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to individual peak(s) eluting in the DRO range.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-1						
06/17/03	--	--	92	--	--	--
09/16/03	SAMPLED SEMI-ANNUALLY		--	--	--	--
12/31/03	<50	--	86	--	--	--
08/17/04	<50	--	76	--	--	--
11/16/04	<50	--	48	--	--	--
05/06/05	<50	--	220	--	--	--
11/07/05	<50	--	260	--	--	--
05/08/06	<50	--	590	--	--	--
11/08/06	<50	--	140	--	--	--
05/01/07	<50	--	280	--	--	--
11/08/07	<50	--	270	--	--	--
05/01/08	<50	--	470	--	--	--
11/13/08	<50	--	190	--	--	--
MW-2						
06/17/03	--	--	2,700	--	--	--
09/16/03	<130	--	1,300	--	--	--
12/31/03	<50	--	440	--	--	--
03/26/04	SAMPLED SEMI-ANNUALLY		--	--	--	--
08/17/04	<50	--	340	--	--	--
11/16/04	<100	--	1,100	--	--	--
05/06/05	<50	--	400	--	--	--
11/07/05	<50	--	66	--	--	--
05/08/06	<50	--	360	--	--	--
11/08/06	<50	--	840	--	--	--
05/01/07	<50	--	100	--	--	--
11/08/07	<50	--	37	--	--	--
05/01/08	<50	--	120	--	--	--
11/13/08	<50	--	240	--	--	--
MW-3						
06/17/03	--	--	590	--	--	--
09/16/03	SAMPLED SEMI-ANNUALLY		--	--	--	--
12/31/03	66	--	670	--	--	--
08/17/04	<50	--	410	--	--	--
11/16/04	<50	--	460	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-3 (cont)						
05/06/05	<100	--	740	--	--	--
11/07/05	<50	--	440	--	--	--
05/08/06	<100	--	3,300	--	--	--
11/08/06	<50	--	73	--	--	--
05/01/07	<50	--	1,200	--	--	--
11/08/07	<50	--	440	--	--	--
05/01/08	<50	--	690	--	--	--
11/13/08	<50	--	790	--	--	--
MW-4						
04/08/99	<25,000	<5000	5400	<100	<100	<100
06/15/02	--	840	2,400	<2	<2	110
06/17/03	--	520	1,100	<0.5	<0.5	110
09/16/03	<100	--	710	--	--	--
12/31/03	<50	--	390	--	--	--
03/26/04	SAMPLED SEMI-ANNUALLY		--	--	--	--
08/17/04	<50	66	370	<0.5	<0.5	50
11/16/04	<50	--	270	--	--	--
05/06/05	<50	21	110	<0.5	<0.5	8
11/07/05	<50	--	59	--	--	--
05/08/06	<50	--	92	--	--	--
11/08/06	<50	--	40	--	--	--
05/01/07	<50	10	76	<0.5	<0.5	6
11/08/07	<50	--	44	--	--	--
05/01/08	<50	12	67	<0.5	<0.5	4
11/13/08	<50	--	220	--	--	--
MW-7						
05/04/01	<500	57	470	<2.0	<2.0	11
09/05/01	<500	<100	1,300	<2	<2	32
12/21/01	<500	<100	670	<2	<2	15
03/15/02	<500	<100	350	<2	<2	8
06/15/02	--	<100	960	<2	<2	18
06/17/03	--	37	2,500	<0.5	<0.5	53
09/16/03	<500	--	4,400	--	--	--
12/31/03	<200	--	3,000	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-7 (cont)						
08/17/04	<500	<50	8,000	<5	<5	140
11/16/04	<250	--	7,300	--	--	--
02/18/05	<1,000	--	5,700	--	--	--
05/06/05	<500	<50	8,400	<5	<5	140
08/05/05	<500	--	20,000 ¹	--	--	--
11/07/05	<1,000	--	24,000	--	--	--
02/06/06	<50	--	14,000	--	--	--
05/08/06	<200	--	6,500	--	--	--
08/08/06	<1,000	--	17,000	--	--	--
11/08/06	<500	--	41,000	--	--	--
02/06/07	<500	--	31,000	--	--	--
05/01/07	<250	<10	14,000	<3	<3	260
07/31/07	<250	--	15,000	--	--	--
11/08/07	<500	--	25,000	--	--	--
02/04/08	<100	--	17,000	--	--	--
05/01/08	<500	<20	10,000	<5	<5	170
08/01/08	<250	--	12,000	--	--	--
11/13/08	<1,000	--	16,000	--	--	--
MW-5						
04/08/99	<500	<100	<2.0	<2.0	<2.0	<2.0
06/17/03	--	--	<0.5	--	--	--
09/16/03	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
12/31/03	<50	--	<0.5	--	--	--
08/17/04	TO BE DESTROYED	--	--	--	--	--
DESTROYED - 2005						
MW-6						
04/08/99	<500	<100	5.6	<2.0	<2.0	<2.0
06/17/03	--	--	13	--	--	--
09/16/03	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
12/31/03	<50	--	14	--	--	--
08/17/04	TO BE DESTROYED	--	--	--	--	--
DESTROYED - 2005						

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

EXPLANATIONS:

Groundwater laboratory analytical results prior to May 4, 2001, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = t-Butyl alcohol

MTBE = Methyl Tertiary Butyl Ether

DIPE = di-Isopropyl ether

ETBE = Ethyl t-butyl ether

TAME = t-Amyl methyl ether

(µg/L) = Micrograms per liter

-- = Not Analyzed

¹ Laboratory report confirmed analytical result.

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 #9-4800
 Site Address: 1700 Castro Street
 City: Oakland, CA

Job Number: 386383
 Event Date: 11-13-08 (inclusive)
 Sampler: Joe

Well ID: MW-1
 Well Diameter: 2 in.
 Total Depth: 30.83 ft.
 Depth to Water: 26.13 ft.
4.70 xVF 0.17 = 0.80

Date Monitored: 11-13-08

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: 26 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 27.07

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): 0705 Weather Conditions: clear
 Sample Time/Date: 0735 11-13-08 Water Color: clear Odor: DN
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 26.51

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0710</u>	<u>0.5</u>	<u>6.96</u>	<u>647</u>	<u>18.2</u>		
<u>0713</u>	<u>1.1</u>	<u>6.90</u>	<u>681</u>	<u>18.8</u>		
<u>0717</u>	<u>2.3</u>	<u>6.86</u>	<u>692</u>	<u>18.1</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 voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 11-13-08 (inclusive)
 City: Oakland, CA Sampler: Joe

Well ID: MW-2 Date Monitored: 11-13-08
 Well Diameter: 2 in.
 Total Depth: 30.47 ft.
 Depth to Water: 24.42 ft.

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.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.63
 xVF 0.17 = 1.03 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): 0745 Weather Conditions: clear
 Sample Time/Date: 0812/11-13-08 Water Color: clear Odor: 01 N
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 24.67

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 10 ³)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0750</u>	<u>1</u>	<u>7.17</u>	<u>833</u>	<u>17.8</u>		
<u>0754</u>	<u>2</u>	<u>6.84</u>	<u>830</u>	<u>18.0</u>		
<u>0758</u>	<u>3.5</u>	<u>6.87</u>	<u>838</u>	<u>17.6</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>6x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)</u>
	<u>x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)</u>
	<u>2x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D (8015)</u>

COMMENTS:

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4800
 Site Address: 1700 Castro Street
 City: Oakland, CA

Job Number: 386383
 Event Date: 11-13-08 (inclusive)
 Sampler: Joe

Well ID: MW-3
 Well Diameter: 2 in.
 Total Depth: 30.37 ft.
 Depth to Water: 25.80 ft.
4.57 xVF 0.17 = 0.78

Date Monitored: 11-13-08

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 then 0.50 ft.
 x3 case volume = Estimated Purge Volume: 2.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.71

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): 0825 Weather Conditions: clear
 Sample Time/Date: 0855 11-13-08 Water Color: clear Odor: DI N
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 26.07

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm @ 25°C)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0830</u>	<u>1</u>	<u>6.55</u>	<u>791</u>	<u>18.7</u>	_____	_____
<u>0834</u>	<u>2</u>	<u>6.60</u>	<u>848</u>	<u>18.9</u>	_____	_____
<u>0838</u>	<u>2.5</u>	<u>6.62</u>	<u>852</u>	<u>18.6</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-3</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)
	<u>2</u> x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4800
 Site Address: 1700 Castro Street
 City: Oakland, CA

Job Number: 386383
 Event Date: 11-13-08 (inclusive)
 Sampler: Joe

Well ID: MW-4
 Well Diameter: 2 in.
 Total Depth: 29.03 ft.
 Depth to Water: 25.43 ft.

Date Monitored: 11-13-08

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.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 26.15
 $3.60 \times VF 0.17 = 0.61$ x3 case volume = Estimated Purge Volume: 2 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: _____ 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): 0908 Weather Conditions: clear
 Sample Time/Date: 0935 11-13-08 Water Color: clear Odor: DI N
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 25.59

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0912</u>	<u>0.5</u>	<u>7.43</u>	<u>956</u>	<u>18.4</u>		
<u>0915</u>	<u>1</u>	<u>7.31</u>	<u>961</u>	<u>18.3</u>		
<u>0918</u>	<u>2</u>	<u>7.28</u>	<u>967</u>	<u>18.5</u>		

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	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)
	2x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4800
 Site Address: 1700 Castro Street
 City: Oakland, CA

Job Number: 386383
 Event Date: 11-13-08 (inclusive)
 Sampler: See

Well ID: MW-7
 Well Diameter: 2 in.
 Total Depth: 30.26 ft.
 Depth to Water: 28.01 ft.

Date Monitored: 11-13-08

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.

2.25 xVF 0.17 = 0.38 x3 case volume = Estimated Purge Volume: 1.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.46

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): 1000 Weather Conditions: clear
 Sample Time/Date: 1030 / 11-13-08 Water Color: clear Odor: DN
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 28.27

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>15</u>)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1006</u>	<u>0.5</u>	<u>6.67</u>	<u>580</u>	<u>18.4</u>	_____	_____
<u>1009</u>	<u>1</u>	<u>6.72</u>	<u>612</u>	<u>18.8</u>	_____	_____
<u>1013</u>	<u>1.5</u>	<u>6.68</u>	<u>618</u>	<u>19.0</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)
	<u>2</u> x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody



111308-01

For Lancaster Laboratories use only
 Acct. #: 10904 Sample # 5528836-41 Group #: 009116

1120122

Facility #: 5519-4800-OML G-R#386383 Global ID#T0000102070
 1700 CASTRO STREET, OAKLAND, CA
 Site Address: AC CRACE
 Chevron PM: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
 Consultant/Office: Deanna L. Harding (deanna@grinc.com)
 Consultant Prj. Mgr.: 925-551-7555 925-551-7899
 Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
 Sampler: JOE AJEMIAN

Matrix	Analyses Requested									
	Preservation Codes									
Potable NPDES	Total Number of Containers	H	N							
		<input type="checkbox"/>	8021 <input type="checkbox"/>	8021	8021	8021	8021	8021	8021	8021
<input type="checkbox"/>	8015 MOD GRO	8015 MOD GRO	8015 MOD GRO	8015 MOD GRO	8015 MOD GRO	8015 MOD GRO	8015 MOD GRO	8015 MOD GRO	8015 MOD GRO	8015 MOD GRO
<input type="checkbox"/>	8015 MOD DRO	8015 MOD DRO	8015 MOD DRO	8015 MOD DRO	8015 MOD DRO	8015 MOD DRO	8015 MOD DRO	8015 MOD DRO	8015 MOD DRO	8015 MOD DRO
<input type="checkbox"/>	8260 full scan	8260 full scan	8260 full scan	8260 full scan	8260 full scan	8260 full scan	8260 full scan	8260 full scan	8260 full scan	8260 full scan
<input type="checkbox"/>	Oxygenates	Oxygenates	Oxygenates	Oxygenates	Oxygenates	Oxygenates	Oxygenates	Oxygenates	Oxygenates	Oxygenates
<input type="checkbox"/>	Total Lead Method	Total Lead Method	Total Lead Method	Total Lead Method	Total Lead Method	Total Lead Method	Total Lead Method	Total Lead Method	Total Lead Method	Total Lead Method
<input type="checkbox"/>	Dissolved Lead Method	Dissolved Lead Method	Dissolved Lead Method	Dissolved Lead Method	Dissolved Lead Method	Dissolved Lead Method	Dissolved Lead Method	Dissolved Lead Method	Dissolved Lead Method	Dissolved Lead Method
<input type="checkbox"/>	Etanol (8260)	Etanol (8260)	Etanol (8260)	Etanol (8260)	Etanol (8260)	Etanol (8260)	Etanol (8260)	Etanol (8260)	Etanol (8260)	Etanol (8260)

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	Soil	Water	Oil <input type="checkbox"/> Air <input type="checkbox"/>	Total Number of Containers	BTEX + MTBE 8260	TPH 8015 MOD GRO	TPH 8015 MOD DRO	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method	Etanol (8260)
QA			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
MW-1	11-13-08	0735	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>
MW-2		0812	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>
MW-3		0855	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>
MW-4		0935	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>
MW-7		1030	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>

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 **EDF/EDD**
 Type VI (Raw Data) Coelt Deliverable not needed
 WIP (RWQCB)
 Disk

Relinquished by: <u>[Signature]</u>	Date: <u>11-13-08</u>	Time: <u>1130</u>	Received by: <u>[Signature]</u>	Date: <u>13 NOV 08</u>	Time: <u>1130</u>
Relinquished by: <u>[Signature]</u>	Date: <u>13 NOV 08</u>	Time: <u>1638</u>	Received by: FEDEX	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: UPS <u>FedEx</u> Other _____	Temperature Upon Receipt: <u>0.000</u> °C		Received by: <u>[Signature]</u>	Date: <u>11/13/08</u>	Time: <u>0955</u>
Custody Seals intact? <input checked="" type="checkbox"/> No					



Analysis Report

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

RECEIVED

ANALYTICAL RESULTS

NOV 26 2008

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

GETTLER-RYAN INC.
GENERAL CONTRACTORS

925-842-8582

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1120122. Samples arrived at the laboratory on Friday, November 14, 2008. The PO# for this group is 0015025028 and the release number is COSTA.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
QA-T-081113 NA Water	5528836
MW-1-W-081113 Grab Water	5528837
MW-2-W-081113 Grab Water	5528838
MW-3-W-081113 Grab Water	5528839
MW-4-W-081113 Grab Water	5528840
MW-7-W-081113 Grab Water	5528841

ELECTRONIC COPY TO CRA c/o Gettler-Ryan

Attn: Cheryl Hansen



Analysis Report

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

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Barbara F. Reedy".

Barbara F. Reedy
Senior Specialist



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW5528836

Group No. 1120122

QA-T-081113 NA Water
Facility# 94800 Job# 386383 GRD
1700 Castro St-Oakland T0600102076 QA
Collected: 11/13/2008

Account Number: 10904

Submitted: 11/14/2008 08:55
Reported: 11/26/2008 at 12:17
Discard: 12/27/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

4800Q

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
01728	TPH-GRO N. CA water C6-C12	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	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
01728	TPH-GRO - Waters	SW-846 8015B	1	11/20/2008 15:34	Kathie J Bowman	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/23/2008 00:29	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/20/2008 15:34	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/23/2008 00:29	Kelly E Brickley	1

Lancaster Laboratories Sample No. WW5528837
Group No. 1120122
MW-1-W-081113 Grab Water
Facility# 94800 Job# 386383 GRD
1700 Castro St-Oakland T0600102076 MW-1
 Collected: 11/13/2008 07:35 by JA

Account Number: 10904

 Submitted: 11/14/2008 08:55
 Reported: 11/26/2008 at 12:17
 Discard: 12/27/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

48001

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
06609	DRO (C10-C28)	n.a.	N.D.	Detection Limit	ug/l	1
01728	TPH-GRO N. CA water C6-C12	n.a.	170	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	190	0.5	ug/l	1
05401	Benzene	71-43-2	1	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	2	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		
06609	DRO (C10-C28)	SW-846 8015B	1	11/20/2008	18:10	Diane V Do	1
01728	TPH-GRO - Waters	SW-846 8015B	1	11/20/2008	21:21	Kathie J Bowman	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/23/2008	20:54	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/20/2008	21:21	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/23/2008	20:54	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/19/2008	09:15	Kerrie A Freeburn	1

Lancaster Laboratories Sample No. WW5528838
Group No. 1120122
MW-2-W-081113 Grab Water
Facility# 94800 Job# 386383 GRD
1700 Castro St-Oakland T0600102076 MW-2
 Collected: 11/13/2008 08:12 by JA

Account Number: 10904

 Submitted: 11/14/2008 08:55
 Reported: 11/26/2008 at 12:17
 Discard: 12/27/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

48002

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
06609	DRO (C10-C28)	n.a.	2,600	Detection Limit 50	ug/l	1
The surrogate data is outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction therefore, all results are reported from the original extract. Similar results were obtained in both extracts.						
01728	TPH-GRO N. CA water C6-C12	n.a.	2,500	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	240	0.5	ug/l	1
05401	Benzene	71-43-2	3	0.5	ug/l	1
05407	Toluene	108-88-3	1	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	190	3	ug/l	5
06310	Xylene (Total)	1330-20-7	83	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		
06609	DRO (C10-C28)	SW-846 8015B	1	11/20/2008 18:31	Diane V Do	1
01728	TPH-GRO - Waters	SW-846 8015B	1	11/20/2008 21:43	Kathie J Bowman	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/23/2008 21:18	Michael A Ziegler	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/25/2008 11:53	Ginelle L Feister	5
01146	GC VOA Water Prep	SW-846 5030B	1	11/20/2008 21:43	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/23/2008 21:18	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	11/25/2008 11:53	Ginelle L Feister	5
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/19/2008 09:15	Kerrie A Freeburn	1



Analysis Report

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

Lancaster Laboratories Sample No. WW5528839

Group No. 1120122

MW-3-W-081113 Grab Water
Facility# 94800 Job# 386383 GRD
1700 Castro St-Oakland T0600102076 MW-3
Collected:11/13/2008 08:55 by JA

Account Number: 10904

Submitted: 11/14/2008 08:55
Reported: 11/26/2008 at 12:17
Discard: 12/27/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

48003

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
06609	DRO (C10-C28)	n.a.	N.D.	Detection Limit	ug/l	1
01728	TPH-GRO N. CA water C6-C12	n.a.	720	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	790	0.5	ug/l	1
05401	Benzene	71-43-2	22	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	7	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		
06609	DRO (C10-C28)	SW-846 8015B	1	11/20/2008 18:51	Diane V Do	1
01728	TPH-GRO - Waters	SW-846 8015B	1	11/20/2008 22:05	Kathie J Bowman	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/23/2008 21:41	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/20/2008 22:05	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/23/2008 21:41	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/19/2008 09:15	Kerrie A Freeburn	1

Lancaster Laboratories Sample No. WW5528840
Group No. 1120122
MW-4-W-081113 Grab Water
Facility# 94800 Job# 386383 GRD
1700 Castro St-Oakland T0600102076 MW-4
 Collected: 11/13/2008 09:35 by JA

Account Number: 10904

 Submitted: 11/14/2008 08:55
 Reported: 11/26/2008 at 12:17
 Discard: 12/27/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

48004

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
06609	DRO (C10-C28)	n.a.	330	Detection Limit	ug/l	1
01728	TPH-GRO N. CA water C6-C12	n.a.	64	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	220	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	1	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		
06609	DRO (C10-C28)	SW-846 8015B	1	11/20/2008 19:11	Diane V Do	1
01728	TPH-GRO - Waters	SW-846 8015B	1	11/20/2008 20:43	Kathie J Bowman	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/23/2008 22:28	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/20/2008 20:43	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/23/2008 22:28	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/19/2008 09:15	Kerrie A Freeburn	1

Lancaster Laboratories Sample No. WW5528841
Group No. 1120122
MW-7-W-081113 Grab Water
Facility# 94800 Job# 386383 GRD
1700 Castro St-Oakland T0600102076 MW-7
 Collected: 11/13/2008 10:30 by JA

Account Number: 10904

 Submitted: 11/14/2008 08:55
 Reported: 11/26/2008 at 12:17
 Discard: 12/27/2008

 Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

48007

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
06609	DRO (C10-C28)	n.a.	64	Detection Limit	ug/l	1
01728	TPH-GRO N. CA water C6-C12	n.a.	390	250	ug/l	5
Due to the nature of the sample matrix, normal reporting limits were not attained.						
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	1,000	ug/l	20
02010	Methyl Tertiary Butyl Ether	1634-04-4	16,000	10	ug/l	20
05401	Benzene	71-43-2	N.D.	10	ug/l	20
05407	Toluene	108-88-3	N.D.	10	ug/l	20
05415	Ethylbenzene	100-41-4	N.D.	10	ug/l	20
06310	Xylene (Total)	1330-20-7	N.D.	10	ug/l	20

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		
06609	DRO (C10-C28)	SW-846 8015B	1	11/20/2008 19:31	Diane V Do	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11/20/2008 21:07	Kathie J Bowman	5
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/25/2008 12:17	Ginelle L Feister	20
01146	GC VOA Water Prep	SW-846 5030B	1	11/20/2008 21:07	Kathie J Bowman	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/25/2008 12:17	Ginelle L Feister	20
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/19/2008 09:15	Kerrie A Freeburn	1

Quality Control Summary

Client Name: Chevron

Group Number: 1120122

Reported: 11/26/08 at 12:17 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

<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: 083230030A DRO (C10-C28)	Sample number(s): 5528837-5528841		N.D.	32.	ug/l	103	105	63-119	2	20
Batch number: 08324A07A TPH-GRO N. CA water C6-C12	Sample number(s): 5528840-5528841		N.D.	50.	ug/l	100	109	75-135	9	30
Batch number: 08324C20A TPH-GRO N. CA water C6-C12	Sample number(s): 5528836-5528839		N.D.	50.	ug/l	118	88	75-135	29	30
Batch number: D083284AA	Sample number(s): 5528837-5528840		Ethanol	N.D.	50.	ug/l	74	45-156		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	104		73-119				
Benzene	N.D.	0.5	ug/l	106		78-119				
Toluene	N.D.	0.5	ug/l	105		85-115				
Ethylbenzene	N.D.	0.5	ug/l	104		82-119				
Xylene (Total)	N.D.	0.5	ug/l	103		83-113				
Batch number: D083293AB	Sample number(s): 5528838,5528841		Ethanol	N.D.	50.	ug/l	69	45-156		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	110		73-119				
Benzene	N.D.	0.5	ug/l	105		78-119				
Toluene	N.D.	0.5	ug/l	103		85-115				
Ethylbenzene	N.D.	0.5	ug/l	102		82-119				
Xylene (Total)	N.D.	0.5	ug/l	103		83-113				
Batch number: F083273AA	Sample number(s): 5528836		Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96	73-119		
Benzene	N.D.	0.5	ug/l	97		78-119				
Toluene	N.D.	0.5	ug/l	102		85-115				
Ethylbenzene	N.D.	0.5	ug/l	100		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

<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: 08324A07A TPH-GRO N. CA water C6-C12	Sample number(s): 5528840-5528841		UNSPK:	P528859					
	136		63-154						
Batch number: 08324C20A	Sample number(s): 5528836-5528839		UNSPK:	P528755					

*- 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

Group Number: 1120122

Reported: 11/26/08 at 12:17 PM

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</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
TPH-GRO N. CA water C6-C12	109		63-154						
Batch number: D083284AA	Sample number(s): 5528837-5528840 UNSPK: P530680								
Ethanol	97	110	32-164	12	30				
Methyl Tertiary Butyl Ether	101	102	69-127	2	30				
Benzene	102	104	83-128	2	30				
Toluene	102	103	83-127	1	30				
Ethylbenzene	101	103	82-129	2	30				
Xylene (Total)	100	103	82-130	3	30				
Batch number: D083293AB	Sample number(s): 5528838, 5528841 UNSPK: P528402								
Ethanol	57	64	32-164	11	30				
Methyl Tertiary Butyl Ether	99	100	69-127	2	30				
Benzene	97	100	83-128	3	30				
Toluene	92	98	83-127	6	30				
Ethylbenzene	84	93	82-129	10	30				
Xylene (Total)	86	93	82-130	8	30				
Batch number: F083273AA	Sample number(s): 5528836 UNSPK: P530737								
Methyl Tertiary Butyl Ether	101	102	69-127	1	30				
Benzene	108	108	83-128	0	30				
Toluene	111	108	83-127	3	30				
Ethylbenzene	111	110	82-129	1	30				
Xylene (Total)	111	107	82-130	3	30				

Surrogate Quality Control

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

Analysis Name: DRO (C10-C28)

Batch number: 083230030A

Orthoterphenyl

5528837	83
5528838	251*
5528839	87
5528840	93
5528841	93
Blank	83
LCS	93
LCSD	99

Limits: 59-131

Analysis Name: TPH-GRO N. CA water C6-C12

Batch number: 08324A07A

Trifluorotoluene-F

5528840	113
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*- 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: 11/26/08 at 12:17 PM

Group Number: 1120122

Surrogate Quality Control

5528841 133
Blank 112
LCS 122
LCSD 125
MS 126

Limits: 63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 08324C20A
Trifluorotoluene-F

5528836 84
5528837 85
5528838 88
5528839 87
Blank 85
LCS 113
LCSD 106
MS 107

Limits: 63-135

Analysis Name: BTEX, MTBE, ETOH
Batch number: D083284AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5528837	95	100	105	110
5528838	97	99	106	111
5528839	92	98	102	106
5528840	93	100	105	110
Blank	95	101	104	108
LCS	94	100	102	108
MS	94	100	103	108
MSD	97	102	105	111

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

Analysis Name: BTEX, MTBE, ETOH
Batch number: D083293AB

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5528841	88	86	92	102
Blank	91	93	96	107
LCS	91	93	96	107
MS	89	91	94	104
MSD	91	94	97	109

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

Analysis Name: BTEX+MTBE by 8260B
Batch number: F083273AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5528836	95	91	97	94
Blank	96	93	98	95
LCS	95	94	101	98
MS	97	95	101	101

*- 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: 11/26/08 at 12:17 PM

Group Number: 1120122

Surrogate Quality Control

MSD	97	97	99	100
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification

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

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

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

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

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

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