



GETTLER-RYAN INC.

TRANSMITTAL

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2:04 pm, Feb 14, 2008

Alameda County
Environmental Health

December 19, 2007

G-R #386383

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

CC: Ms. Olivia Skance
Chevron Environmental
Management Company
P.O. Box 6012, Room K2196
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
#9-4800
1700 Castro Street
Oakland, California
RO 0000342**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	December 12, 2007	Groundwater Monitoring and Sampling Report Fourth Quarter Event of November 8, 2007

COMMENTS:

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **January 2, 2008**, at which time the final report will be distributed to the following:

cc: Mr. Barney Chan, 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-OS



Olivia Skance
Project Manager
Marketing Business Unit

**Chevron Environmental
Management Company**
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-5005
Fax (925) 842-8370
olivia.skance@chevron.com

December 19, 2007

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 19, 2007.

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Olivia Skance". The signature is written in a cursive, flowing style.

Olivia Skance
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: 11-8-07
 Sampler: DAN M

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

Comments _____



GETTLER-RYAN INC.

December 12, 2007
G-R Job #386383

Ms. Olivia Skance
Chevron Environmental Management Company
P.O. Box 6012, Room K2196
San Ramon, CA 94583

RE: Fourth Quarter Event of November 8, 2007
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

Dear Ms. Skance:


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).

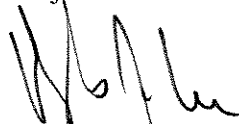
Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Table 1. A Potentiometric Map is included as Figure 1.

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


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

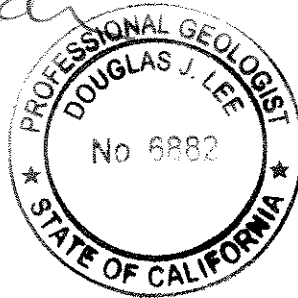


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

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

OVERPASS

HIGHWAY 24

OVERPASS

6.52 ● MW-7

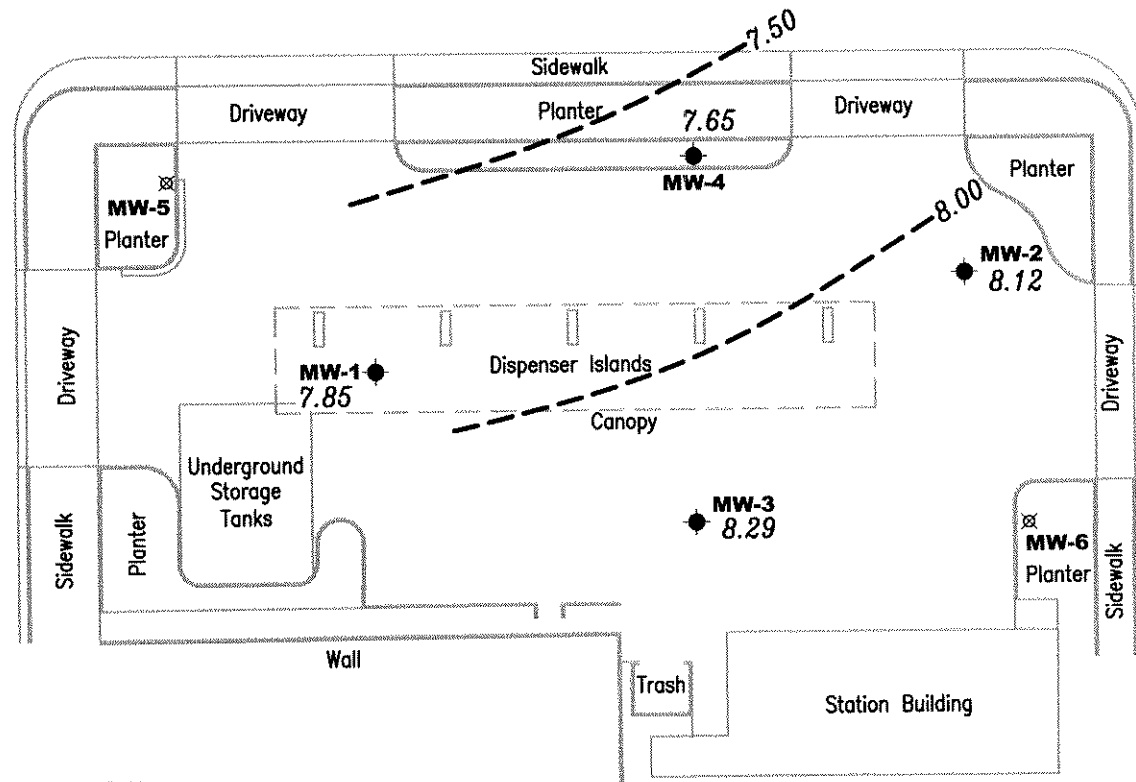
Fence
Planter

CASTRO STREET

Approximate groundwater flow direction at a gradient of 0.009 Ft./Ft.

17TH STREET

18TH STREET



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 8, 2007

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 (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
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 (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
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		--	--	--	--	--
11/08/07¹⁴	34.01	7.85	26.16	330	<50	<0.5	<0.5	<0.5	0.9	270
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
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

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 (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-2 (cont)										
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		--	--	--	--	--
11/08/07¹⁴	32.59	8.12	24.47	800	180	<0.5	<0.5	<0.5	<0.5	37
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
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		--	--	--	--	--

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 (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-3 (cont)										
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		--	--	--	--	--
11/08/07¹⁴	34.16	8.29	25.87	260	270	32	0.9	3	29	440
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

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 (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-4 (cont)										
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		--	--	--	--	--
11/08/07¹⁴	33.07	7.65	25.42	850	<50	<0.5	<0.5	<0.5	<0.5	44
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

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 (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-7 (cont)										
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
11/08/07¹⁴	34.35	6.52	27.83	150	520	<5	<5	<5	<5	25,000
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				--	--	--

Table 1
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Chevron Service Station #9-4800
1700 Castro Street
Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (mst)	DTW (ft.)	TPH-D (ppb)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	MTBE (ppb)
MW-5 (cont)										
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
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										

Table 1
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Chevron Service Station #9-4800
1700 Castro Street
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)
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
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

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1700 Castro Street
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)
QA (cont)										
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

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-4800
1700 Castro Street
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	TPH-G = Total Petroleum Hydrocarbons as Gasoline	-- = Not Measured/Not Analyzed
(ft.) = Feet	B = Benzene	(ppb) = Parts per Billion
GWE = Groundwater Elevation	T = Toluene	QA = Quality Assurance/Trip Blank
(msl) = Mean sea level	E = Ethylbenzene	
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 reextraction are within the limits. The hold time had expired prior to reextraction so all results are reported from the original extract. The TPH-D result from the reextraction is 910 ppb.
- ¹⁶ Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the reextraction are within the limits. The hold time had expired prior to reextraction so all results are reported from the original extract. The TPH-D result from the reextraction is 1,700 ppb.
- ¹⁷ Laboratory report indicates the surrogate data for the method blank is outside QC limits. Results from the reextraction are within the limits. The hold time had expired prior to reextraction 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 (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
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	--	--	--
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	--	--	--
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	--	--	--
05/06/05	<100	--	740	--	--	--
11/07/05	<50	--	440	--	--	--
05/08/06	<100	--	3,300	--	--	--

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

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-3 (cont)						
11/08/06	<50	--	73	--	--	--
05/01/07	<50	--	1,200	--	--	--
11/08/07	<50	--	440	--	--	--
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	--	--	--
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	--	--	--
03/26/04	<100	--	2,000	--	--	--
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	--	--	--

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

WELL ID/ DATE	ETHANOL (ppb)	TBA (ppb)	MTBE (ppb)	DIPE (ppb)	ETBE (ppb)	TAME (ppb)
MW-7 (cont)						
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	--	--	--
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 = Tertiary butyl alcohol

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether

ETBE = Ethyl tertiary butyl ether

TAME = Tertiary amyl methyl ether

(ppb) = Parts per billion

-- = Not Analyzed

¹ Analytical result confirmed.

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 #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 11-8-07 (inclusive)
 City: Oakland, CA Sampler: DAN M

Well ID: MW-1 Date Monitored: 11-8-07 Well Condition: SEE WCSS

Well Diameter: 2 in.
 Total Depth: 30.86 ft.
 Depth to Water: 26.16 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

4.70 x VF .17 = .79 x: x3 case volume = Estimated Purge Volume: 2.5 gal.

Check if water column is less than 0.50 ft.

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): 1415 Weather Conditions: CLOUDY
 Sample Time/Date: 1430 11-8-07 Water Color: CLOUDY Odor: YES
 Purging Flow Rate: _____ gpm. Sediment Description: FINE SILT
 Did well de-water? If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (° F)	D.O. (mg/L)	ORP (mV)
<u>1417</u>	<u>1.0</u>	<u>7.03</u>	<u>986</u>	<u>18.6</u>	_____	_____
<u>1419</u>	<u>2.0</u>	<u>6.77</u>	<u>959</u>	<u>19.0</u>	_____	_____
<u>1421</u>	<u>2.5</u>	<u>6.71</u>	<u>907</u>	<u>19.2</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)
	2x 500ml ambers	YES	NP	LANCASTER	TPH-D (8015)
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/5 OXYS+ETHANOL (8260)

COMMENTS: _____

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



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: 11-8-07 (inclusive)
 Sampler: DAN M

Well ID: MW-2
 Well Diameter: 2 in.
 Total Depth: 30.47 ft.
 Depth to Water: 24.47 ft.

Date Monitored: 11-8-07 Well Condition: SEE WCSS

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

6.00 x VF .17 = 1.02 x3 case volume = Estimated Purge Volume: 3.0 gal.

Check if water column is less than 0.50 ft.

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

Start Time (purge): 1515 Weather Conditions: CLOUDY
 Sample Time/Date: 1530 11-8-07 Water Color: SLIGHTLY CLOUDY Odor: SLIGHT
 Purging Flow Rate: _____ gpm. Sediment Description: LIGHT
 Did well de-water? — If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1517</u>	<u>1.0</u>	<u>6.71</u>	<u>672</u>	<u>19.9</u>	_____	_____
<u>1519</u>	<u>2.0</u>	<u>6.65</u>	<u>750</u>	<u>20.0</u>	_____	_____
<u>1521</u>	<u>3.0</u>	<u>6.65</u>	<u>752</u>	<u>20.2</u>	_____	_____

LABORATORY INFORMATION

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

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 11-8-07 (inclusive)
 City: Oakland, CA Sampler: DAN M

Well ID: MW-3 Date Monitored: 11-8-07 Well Condition: SEE WCSS

Well Diameter: 2 in.
 Total Depth: 30.30 ft.
 Depth to Water: 25.87 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

4.43 x VF .17 = .75 x: x3 case volume = Estimated Purge Volume: 2.5 gal.

Check if water column is less than 0.50 ft.

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): 1545 Weather Conditions: CLOUDY
 Sample Time/Date: 1600 11-8-07 Water Color: SLIGHTLY CLOUDY Odor: YES
 Purging Flow Rate: _____ gpm. Sediment Description: LIGHT
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal.

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (umhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1547</u>	<u>1.0</u>	<u>6.68</u>	<u>1081</u>	<u>19.2</u>	_____	_____
<u>1549</u>	<u>2.0</u>	<u>6.70</u>	<u>1099</u>	<u>19.6</u>	_____	_____
<u>1551</u>	<u>2.5</u>	<u>6.73</u>	<u>1084</u>	<u>19.7</u>	_____	_____

LABORATORY INFORMATION

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

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 11-8-07 (inclusive)
 City: Oakland, CA Sampler: DANI NI

Well ID: MW-4 Date Monitored: 11-8-07 Well Condition: SEE WCSS
 Well Diameter: 2 in.
 Total Depth: 29.04 ft.
 Depth to Water: 25.42 ft.
 $3.62 \times VF .17 = .61$ x3 case volume = Estimated Purge Volume: 2.0 gal.

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.

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): 1445 Weather Conditions: CLOUDY
 Sample Time/Date: 1500 11-8-07 Water Color: CLOUDY Odor: YES
 Purging Flow Rate: _____ gpm. Sediment Description: LIGHT
 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)
<u>1447</u>	<u>0.5</u>	<u>6.95</u>	<u>773</u>	<u>19.4</u>	_____	_____
<u>1448</u>	<u>1.0</u>	<u>6.93</u>	<u>751</u>	<u>19.7</u>	_____	_____
<u>1450</u>	<u>2.0</u>	<u>6.88</u>	<u>744</u>	<u>19.8</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>6 x vva vial</u>	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL (8260)</u>
	<u>2 x 500ml ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-D (8015)</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>

COMMENTS:

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



GETTLER - RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility #: Chevron #9-4800 Job Number: 386383
 Site Address: 1700 Castro Street Event Date: 11-8-07 (inclusive)
 City: Oakland, CA Sampler: DAN M

Well ID: MW-7 Date Monitored: 11-8-07 Well Condition: SEE WCSS

Well Diameter: 2 in.
 Total Depth: 30.28 ft.
 Depth to Water: 27.83 ft.
 Volume Factor (VF): 2.45 x VF .17 = .41 x: x3 case volume = Estimated Purge Volume: 1.5 gal.

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.

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

Start Time (purge): 1625 Weather Conditions: CLOUDY
 Sample Time/Date: 1640 11-8-07 Water Color: CLOUDY Odor: YES
 Purging Flow Rate: _____ gpm. Sediment Description: LIGHT
 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)
<u>1627</u>	<u>0.5</u>	<u>6.87</u>	<u>988</u>	<u>18.9</u>	_____	_____
<u>1628</u>	<u>1.0</u>	<u>6.85</u>	<u>933</u>	<u>19.3</u>	_____	_____
<u>1630</u>	<u>1.5</u>	<u>6.84</u>	<u>927</u>	<u>19.4</u>	_____	_____

LABORATORY INFORMATION

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

COMMENTS: _____

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

Chevron California Region Analysis Request/Chain of Custody



110907-06

For Lancaster Laboratories use only
 Acct. #: 10904 Sample # 5209832-37 Group #: 000078

g/p 1065018

Facility #: <u>SS79-4800-OML GR#386383 Global ID#T0600102076</u> Site Address: <u>1700 CASTRO STREET, OAKLAND, CA</u> Chevron PM: <u>SS</u> <u>CRACE</u> Consultant/Office: <u>Lead Consultant: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568</u> Consultant Prj. Mgr.: <u>Deanna L. Harding (deanna@grinc.com)</u> Consultant Phone #: <u>925-551-7555</u> Fax #: <u>925-551-7899</u> Sampler: <u>DAN MOORE</u>				Matrix <input type="checkbox"/> Potable <input type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Oil <input type="checkbox"/> Air		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="10">Analyses Requested</th> </tr> <tr> <th colspan="10">Preservation Codes</th> </tr> <tr> <td style="width: 5%;">H</td> <td style="width: 5%;">H</td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;"></td> <td style="width: 5%;">H</td> <td style="width: 5%;"></td> </tr> <tr> <td colspan="10" style="font-size: 0.8em;"> BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Total Lead Method Dissolved Lead Method <u>ETHANOL (8260)</u> </td> </tr> </table>										Analyses Requested										Preservation Codes										H	H								H		BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Total Lead Method Dissolved Lead Method <u>ETHANOL (8260)</u>										Preservative Codes H = HCl T = Thiosulfate N = HNO ₃ B = NaOH S = H ₂ SO ₄ O = Other <input type="checkbox"/> J value reporting needed <input checked="" type="checkbox"/> Must meet lowest detection limits possible for 8260 compounds 8021 MTBE Confirmation <input type="checkbox"/> Confirm highest hit by 8260 <input type="checkbox"/> Confirm all hits by 8260 <input type="checkbox"/> Run ___ oxy's on highest hit <input type="checkbox"/> Run ___ oxy's on all hits	
Analyses Requested																																																										
Preservation Codes																																																										
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BTEX + MTBE 8260 <input checked="" type="checkbox"/> 8021 <input type="checkbox"/> TPH 8015 MOD GRO <input type="checkbox"/> TPH 8015 MOD DRO <input type="checkbox"/> Silica Gel Cleanup 8260 full scan Oxygenates Total Lead Method Dissolved Lead Method <u>ETHANOL (8260)</u>																																																										
Sample Identification			Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	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	Comments / Remarks																																							
<u>QA</u>			<u>11-8-07</u>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<u>2</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>																																								
<u>MW-1</u>			<u>11-8-07</u>	<u>1430</u>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<u>8</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>																																								
<u>MW-2</u>			<u>11-8-07</u>	<u>1530</u>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<u>8</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>																																								
<u>MW-3</u>			<u>11-8-07</u>	<u>1600</u>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<u>8</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>																																								
<u>MW-4</u>			<u>11-8-07</u>	<u>1500</u>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<u>8</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>																																								
<u>MW-7</u>			<u>11-8-07</u>	<u>1640</u>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			<u>8</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>																																								

Turnaround Time Requested (TAT) (please circle) <input checked="" type="checkbox"/> STD. TAT 72 hour 48 hour 24 hour 4 day 5 day			Relinquished by: <u>[Signature]</u> Date: <u>11-8-07</u> Time: <u>1725</u>		Received by: <u>[Signature]</u> Date: <u>11-9-07</u> Time: <u>1370</u>	
Data Package Options (please circle if required) QC Summary Type I - Full Type VI (Raw Data) <input type="checkbox"/> Cost Deliverable not needed WIP (RWQCB) Disk			Relinquished by: <u>[Signature]</u> Date: <u>11-9-07</u> Time: <u>1530</u>		Received by: <u>[Signature]</u> Date: <u>11-9-07</u> Time:	
Relinquished by Commercial Carrier: UPS FedEx Other <u>Other</u>			Received by: <u>[Signature]</u> Date: <u>11-9-07</u> Time: <u>1800</u>		Temperature Upon Receipt: <u>10-30</u> °C Custody Seals Intact? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • www.lancasterlabs.com

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 1065018. Samples arrived at the laboratory on Saturday, November 10, 2007. The PO# for this group is 0015019051 and the release number is SINHA.

Client Description

QA-T-071108 NA Water
MW-1-W-071108 Grab Water
MW-2-W-071108 Grab Water
MW-3-W-071108 Grab Water
MW-4-W-071108 Grab Water
MW-7-W-071108 Grab Water

Lancaster Labs Number

5209832
5209833
5209834
5209835
5209836
5209837

ELECTRONIC CRA c/o Gettler-Ryan
COPY TO

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
Angela M Miller at (717) 656-2300

Respectfully Submitted,

A handwritten signature in cursive script that reads "Susan M. Goshert".

Susan M. Goshert
Group Leader



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. WW 5209832

QA-T-071108 NA Water
 Facility# 94800 Job# 386383 GRD
 1700 Castro-Oakland T0600102076 QA
 Collected: 11/08/2007

Account Number: 10904

Submitted: 11/10/2007 10:00
 Reported: 12/07/2007 at 09:17
 Discard: 01/07/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

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

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	11/14/2007 05:17	K. Robert Caulfeild-James	1
06054	BTEX+MTBE by 8260E	SW-846 8260E	1	11/16/2007 16:11	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030E	1	11/14/2007 05:17	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030E	1	11/16/2007 16:11	Ginelle L Feister	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. WW 5209833

MW-1-W-071108 Grab Water
Facility# 94800 Job# 386383 GRD
1700 Castro-Oakland T0600102076 MW-1
Collected: 11/08/2007 14:30 by DM

Account Number: 10904

Submitted: 11/10/2007 10:00
Reported: 12/07/2007 at 09:17
Discard: 01/07/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAST1
I 5E w

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.	330.	50.	ug/l	1
06067	ETEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	270.	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	0.9	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	11/14/2007	11:11	K. Robert Caulfeild-James	1
06609	TPH-DRO (Waters)	SW-846 8015B	1	11/20/2007	19:55	Diane V Do	1
06067	ETEX, MTBE, ETOH	SW-846 8260B	1	11/20/2007	02:50	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/14/2007	11:11	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2007	02:50	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/13/2007	14:00	Mitchell B Crawford	1



Analysis Report

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Lancaster Laboratories Sample No. WW 5209834

MW-2-W-071108 Grab Water
Facility# 94800 Job# 386383 GRD
1700 Castro-Oakland T0600102076 MW-2
Collected: 11/08/2007 15:30 by DM

Account Number: 10904

Submitted: 11/10/2007 10:00
Reported: 12/07/2007 at 09:17
Discard: 01/07/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAST2
I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	180.	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.	800.	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	37.	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	11/14/2007 11:40	K. Robert Caulfeild-James	1
06609	TPH-DRO (Waters)	SW-846 8015B	1	11/20/2007 18:41	Diane V Do	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/20/2007 03:13	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/14/2007 11:40	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/20/2007 03:13	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/13/2007 14:00	Mitchell B Crawford	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. WW 5209835

MW-3-W-071108 Grab Water
 Facility# 94800 Job# 386383 GRD
 1700 Castro-Oakland T0600102076 MW-3
 Collected: 11/08/2007 16:00 by DM

Account Number: 10904

Submitted: 11/10/2007 10:00
 Reported: 12/07/2007 at 09:17
 Discard: 01/07/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CAST3
 I 5E w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters 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.	n.a.	270.	50.	ug/l	1
06609	TPH-DRO (Waters)	n.a.	260.	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	440.	0.5	ug/l	1
05401	Benzene	71-43-2	32.	0.5	ug/l	1
05407	Toluene	108-88-3	0.9	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	3.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	29.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	11/14/2007	12:10	K. Robert Caulfeild-James	1
06609	TPH-DRO (Waters)	SW-846 8015B	1	11/20/2007	19:06	Diane V Do	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/19/2007	18:30	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/14/2007	12:10	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2007	18:30	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/13/2007	14:00	Mitchell B Crawford	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. WW 5209836

MW-4-W-071108 Grab Water
Facility# 94800 Job# 386383 GRD
1700 Castro-Oakland T0600102076 MW-4
Collected: 11/08/2007 15:00 by DM

Account Number: 10904

Submitted: 11/10/2007 10:00
Reported: 12/07/2007 at 09:17
Discard: 01/07/2008

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

CAST4
I 5E w

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
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.	850.	120.	ug/l	4
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	44.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	11/14/2007 12:39	K. Robert Caulfeild-James	1
06609	TPH-DRO (Waters)	SW-846 8015B	1	11/20/2007 19:31	Diane V Do	4
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/19/2007 19:38	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/14/2007 12:39	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2007 19:38	Michael A Ziegler	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/13/2007 14:00	Mitchell B Crawford	1

Lancaster Laboratories Sample No. WW 5209837

MW-7-W-071108 Grab Water
 Facility# 94800 Job# 386383 GRD
 1700 Castro-Oakland T0600102076 MW-7
 Collected: 11/08/2007 16:40 by DM

Account Number: 10904

Submitted: 11/10/2007 10:00
 Reported: 12/07/2007 at 09:17
 Discard: 01/07/2008

Chevron
 6001 Bollinger Canyon Rd L4310
 San Ramon CA 94583

CAST7
 I SE w

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	520.	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.	150.	50.	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	500.	ug/l	10
02010	Methyl Tertiary Butyl Ether	1634-04-4	25,000.	50.	ug/l	100
05401	Benzene	71-43-2	N.D.	5.	ug/l	10
05407	Toluene	108-88-3	N.D.	5.	ug/l	10
05415	Ethylbenzene	100-41-4	N.D.	5.	ug/l	10
06310	Xylene (Total)	1330-20-7	N.D.	5.	ug/l	10

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	11/14/2007 13:09	K. Robert Caulfeild-James	1
06609	TPH-DRO (Waters)	SW-846 8015B	1	11/20/2007 18:17	Diane V Do	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/19/2007 20:01	Michael A Ziegler	10
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	11/19/2007 20:24	Michael A Ziegler	100
01146	GC VOA Water Prep	SW-846 5030B	1	11/14/2007 13:09	K. Robert Caulfeild-James	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/19/2007 20:01	Michael A Ziegler	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	11/19/2007 20:24	Michael A Ziegler	100
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/13/2007 14:00	Mitchell B Crawford	1

Quality Control Summary

 Client Name: Chevron
 Reported: 12/07/07 at 09:17 AM

Group Number: 1065018

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: 073170012A TPH-DRO (Waters)	N.D.	50.	5209833-5209837 ug/l	101	98	63-119	4	20
Batch number: 07318A08A TPH-GRO - Waters	N.D.	50.	5209832-5209837 ug/l	105	110	75-135	5	30
Batch number: D073234AA Ethanol	N.D.	50.	5209833-5209837 ug/l	108		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	114		73-119		
Benzene	N.D.	0.5	ug/l	111		78-119		
Toluene	N.D.	0.5	ug/l	98		85-115		
Ethylbenzene	N.D.	0.5	ug/l	97		82-119		
Xylene (Total)	N.D.	0.5	ug/l	95		83-113		
Batch number: Z073202AA Methyl Tertiary Butyl Ether	N.D.	0.5	5209832 ug/l	96		73-119		
Benzene	N.D.	0.5	ug/l	103		78-119		
Toluene	N.D.	0.5	ug/l	104		85-115		
Ethylbenzene	N.D.	0.5	ug/l	104		82-119		
Xylene (Total)	N.D.	0.5	ug/l	99		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: 07318A08A TPH-GRO - Waters			5209832-5209837 63-154	UNSPK:	P209828				
Batch number: D073234AA Ethanol	69	87	32-164	23	30				
Methyl Tertiary Butyl Ether	-29 (2)	-214 (2)	69-127	9	30				
Benzene	120	141*	83-128	7	30				
Toluene	105	106	83-127	1	30				
Ethylbenzene	106	112	82-129	5	30				
Xylene (Total)	107	118	82-130	7	30				
Batch number: Z073202AA Methyl Tertiary Butyl Ether	99	109	69-127	9	30				
Benzene	115	116	83-128	1	30				
Toluene	116	114	83-127	1	30				
Ethylbenzene	116	118	82-129	1	30				

*- Outside of specification

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

Quality Control Summary

 Client Name: Chevron
 Reported: 12/07/07 at 09:17 AM

Group Number: 1065018

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
Xylene (Total)	109	111	82-130	1	30				

Surrogate Quality Control

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

 Analysis Name: TPH-DRO (Waters)
 Batch number: 073170012A
 Orthoterphenyl

5209833	78
5209834	90
5209835	91
5209836	96
5209837	93
Blank	85
LCS	100
LCSD	96

Limits: 59-131

 Analysis Name: TPH-GRO - Waters
 Batch number: 07316A06A
 Trifluorotoluene-F

5209832	95
5209833	96
5209834	94
5209835	95
5209836	95
5209837	95
Blank	97
LCS	93
LCSD	95
MS	98

Limits: 63-135

 Analysis Name: BTEX, MTBE, ETOH
 Batch number: D073234AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5209833	100	101	92	100
5209834	105	110	97	104
5209835	100	104	96	106
5209836	101	104	96	104
5209837	95	98	89	96
Blank	99	102	93	99
LCS	103	104	96	107

*- 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: 12/07/07 at 09:17 AM

Group Number: 1065018

Surrogate Quality Control

MS	99	102	93	104
MSD	99	103	93	103
Limits:	80-116	77-113	80-113	78-113
Analysis Name: BTEX+MTBE by 8260B				
Batch number: Z073202AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5209832	99	97	105	95
Blank	97	98	106	97
LCS	98	99	107	97
MS	100	100	107	96
MSD	102	100	105	98
Limits:	80-116	77-113	80-113	78-113

* - Outside of specification

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

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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