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2:44 pm, Mar 02, 2009

Alameda County
Environmental Health

Stacie H. Frerichs
Team Lead
Marketing Business Unit

**Chevron Environmental
Management Company**
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-9655
Fax (925) 842-8370

February 27, 2009
(date)

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

Re: Chevron Facility # 9-1583

Address: 5509 Martin Luther King Jr. Way, Oakland, California

I have reviewed the attached report titled First Semi-Annual 2009 Groundwater Monitoring Report and dated February 27, 2009.

I agree with the conclusions and recommendations presented in the referenced report. The information in this report is accurate to the best of my knowledge and all local Agency/Regional Board guidelines have been followed. This report was prepared by Conestoga-Rovers & Associates, 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,

Stacie H. Frerichs
Project Manager

Enclosure: Report



February 27, 2009

Reference No. 611960

Mr. Steven Plunkett
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: First Semi-Annual 2009 Groundwater Monitoring Report
Former Chevron Service Station 9-1583
5509 Martin Luther King Jr. Way
Oakland, California
LOP Case #RO0000002

Dear Mr. Plunkett:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) on behalf of Chevron Environmental Management Company (Chevron) for the referenced site. The report (prepared by Gettler-Ryan Inc. and dated February 2, 2009) presents the results of the first semi-annual 2009 monitoring event. Monitoring of wells MW-1 through MW-3, MW-7 and MW-8 is performed on a semi-annual basis during the first and third quarters; wells MW-4 through MW-6 are monitored on an annual basis during the first quarter. Also attached is Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the first semi-annual 2009 analytical results along with a rose diagram.

In our *Second Semi-Annual Groundwater Monitoring Report*, dated October 30, 2008, we recommended a reduction in the sampling frequency of wells MW-1, MW-2, and MW-3 to annual, as only low concentrations of methyl tertiary butyl ether (MTBE) remained in these wells. We further recommended the groundwater samples no longer be analyzed for ethanol, which has never been detected. However, we did not receive a response from Alameda County Environmental Health (ACEH) regarding the proposed sampling reductions. Therefore, unless notified otherwise, CRA will implement the sampling reductions during the second semi-annual 2009 monitoring event.



**CONESTOGA-ROVERS
& ASSOCIATES**

February 27, 2009

2

Reference No. 611960

We appreciate your assistance on this project. Please contact Mr. James Kiernan at (916) 751-4102 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

A handwritten signature in blue ink, appearing to read 'Oliver M. Yan', written in a cursive style.

Oliver M. Yan

A handwritten signature in blue ink, appearing to read 'James P. Kiernan', written in a cursive style.

James P. Kiernan, P.E. #C68498

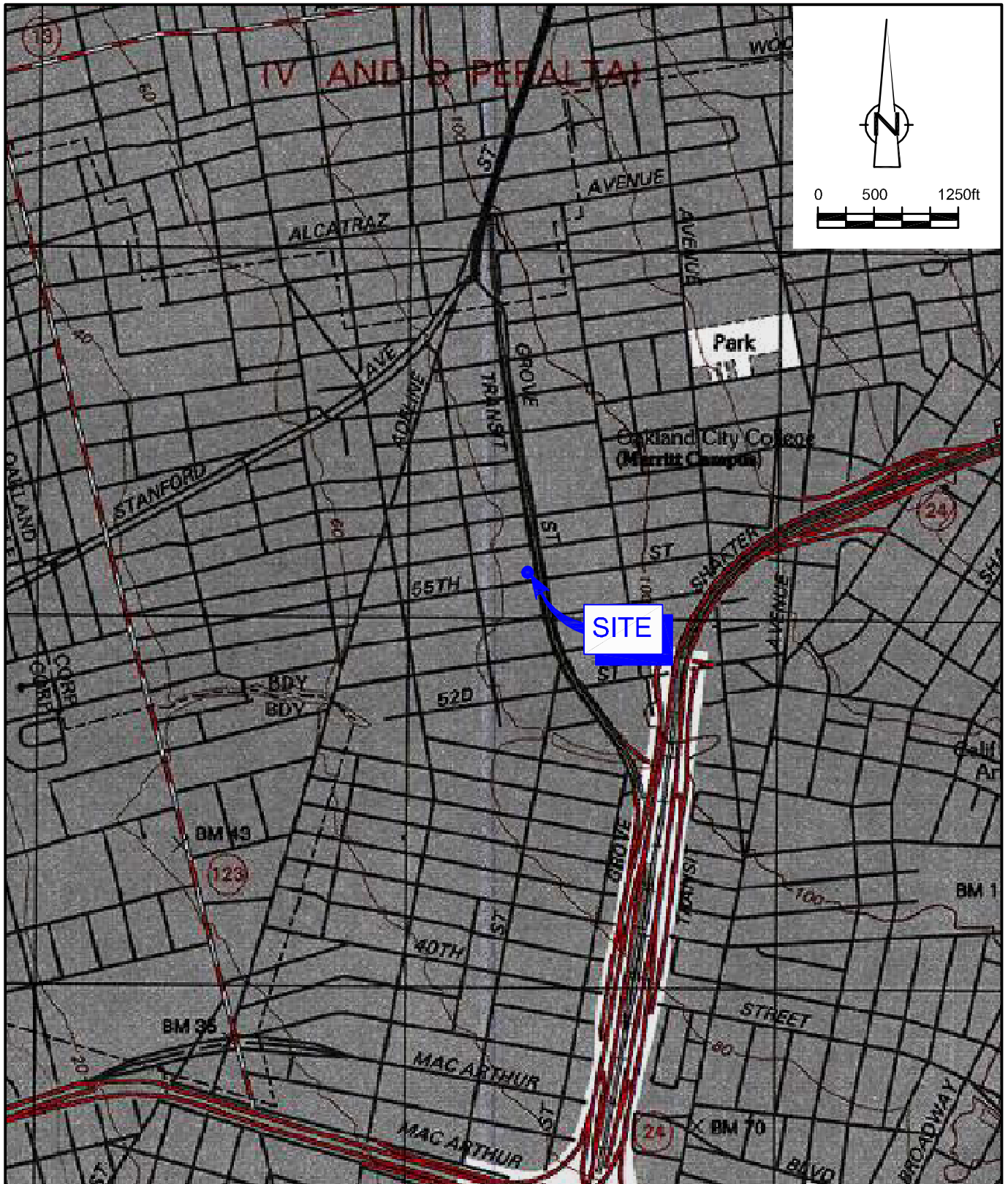
OMY/kw/3
Encl.

Figure 1 Vicinity Map
Figure 2 Concentration Map – January 13, 2009

Attachment A Gettler-Ryan Groundwater Monitoring and Sampling Report

cc: Ms. Stacie Frerichs, Chevron Environmental Management Company
Mr. Ben Shimek



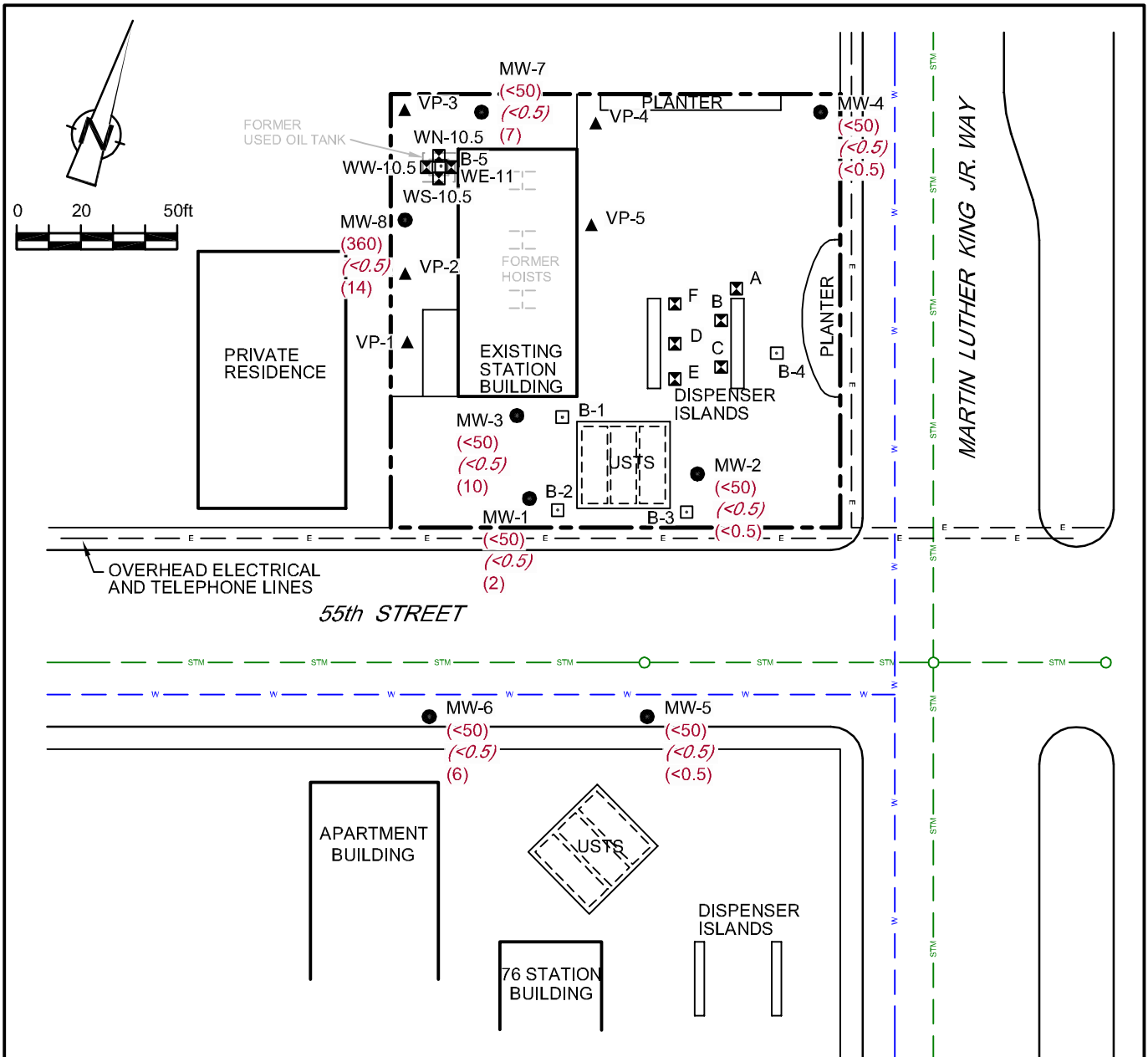


SOURCE: TOPO! MAPS.

figure 1

VICINITY MAP
 FORMER CHEVRON SERVICE STATION 9-1583
 5509 MARTIN LUTHER KING JR. WAY
 Oakland, California





LEGEND

- VP-1 ▲ VAPOR WELL LOCATION
- MW-1 ● MONITORING WELL LOCATION
- B-1 □ HAND AUGER BORING LOCATION
- A ☒ SOIL SAMPLE LOCATION
- e — ELECTRICAL LINE (OVERHEAD WHERE LABELED)
- STM — STORM DRAIN
- w — WATER LINE
- (440) TPHg CONCENTRATION (ug/L)
- (0.9) BENZENE CONCENTRATION (ug/L)
- (18) MTBE CONCENTRATION (ug/L)

figure 2

CONCENTRATION MAP - JANUARY 13, 2009
 FORMER CHEVRON SERVICE STATION 9-1583
 5509 MARTIN LUTHER KING JR. WAY
 Oakland, California



ATTACHMENT A

GETTLER-RYAN GROUNDWATER MONITORING AND SAMPLING REPORT



GETTLER - RYAN Inc.



TRANSMITTAL

February 9, 2009
G-R #386506

TO: Mr. James Kiernan
Conestoga-Rovers & Associates
2000 Opportunity Drive, Suite 110
Roseville, California 95678

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

RE: **Former Chevron Service Station
#9-1583 (MTI)
5509 Martin Luther King Way
Oakland, California
RO 0000002**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	February 2, 2009	Groundwater Monitoring and Sampling Report First Semi-Annual Event of January 13, 2009

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following:**

Ms. Stacie H. Frerichs, Chevron EMC, 6111 Bollinger Canyon Road, Room 3596,
San Ramon, CA 94583

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **February 23, 2009**, at which time this final report will be distributed to the following:

cc: 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.)
Mr. Ben Shimek, (Owner), 31 Industrial Way, Greenbrae, CA 94904

Enclosures



Stacie H. Frerichs
Team Lead
Marketing Business Unit

**Chevron Environmental
Management Company**
6001 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 842-9655
Fax (925) 842-8370

February 9, 2009

(date)

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

Re: Chevron Facility # 9-1583

Address: 5509 Martin Luther King Way. Oakland, California

I have reviewed the attached routine groundwater monitoring report dated February 9, 2009.

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

Stacie H. Frerichs
Project Manager

Enclosure: Report

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-1583
 Site Address: 5509 Martin Luther King Way
 City: Oakland, CA

Job # 386506
 Event Date: 1-13-09
 Sampler: Joe

WELL ID	Vault Frame Condition	Gasket/O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
mw-1	O.K	N/A	N/A	N/A	O.K	O.K	O.K	Y	Y	Christy box	NO
mw-2		N/A	N/A	N/A				Y	Y	"	
mw-3		N/A	N/A	N/A				Y	Y	"	
mw-4		O.K	O.K	(1) of (2) S				N	N	12" Universal valve/2	
mw-5		N/A	N/A	N/A				Y	Y	8" city monument	
mw-6		N/A	N/A	N/A				Y	Y	"	
mw-7		O.K	O.K	(1) of (2) S				N	N	6" Morrison /2	
mw-8	✓	O.K	O.K	Both S	✓	✓	✓	N	N	12" EMCO/2	✓

Comments _____



GETTLER - RYAN INC.



February 2, 2009
G-R Job #386506

Ms. Stacie H. Frerichs
Chevron Environmental Management Company
6111 Bollinger Canyon Road, Room 3596
San Ramon, CA 94583

RE: First Semi-Annual Event of January 13, 2009
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

Dear Ms. H. Frerichs:

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

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

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

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

Sincerely,

Deanna L. Harding
Project Coordinator

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

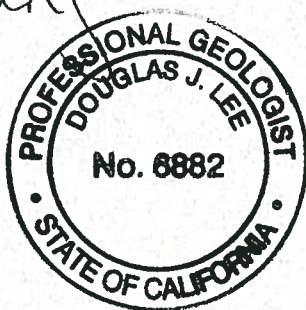
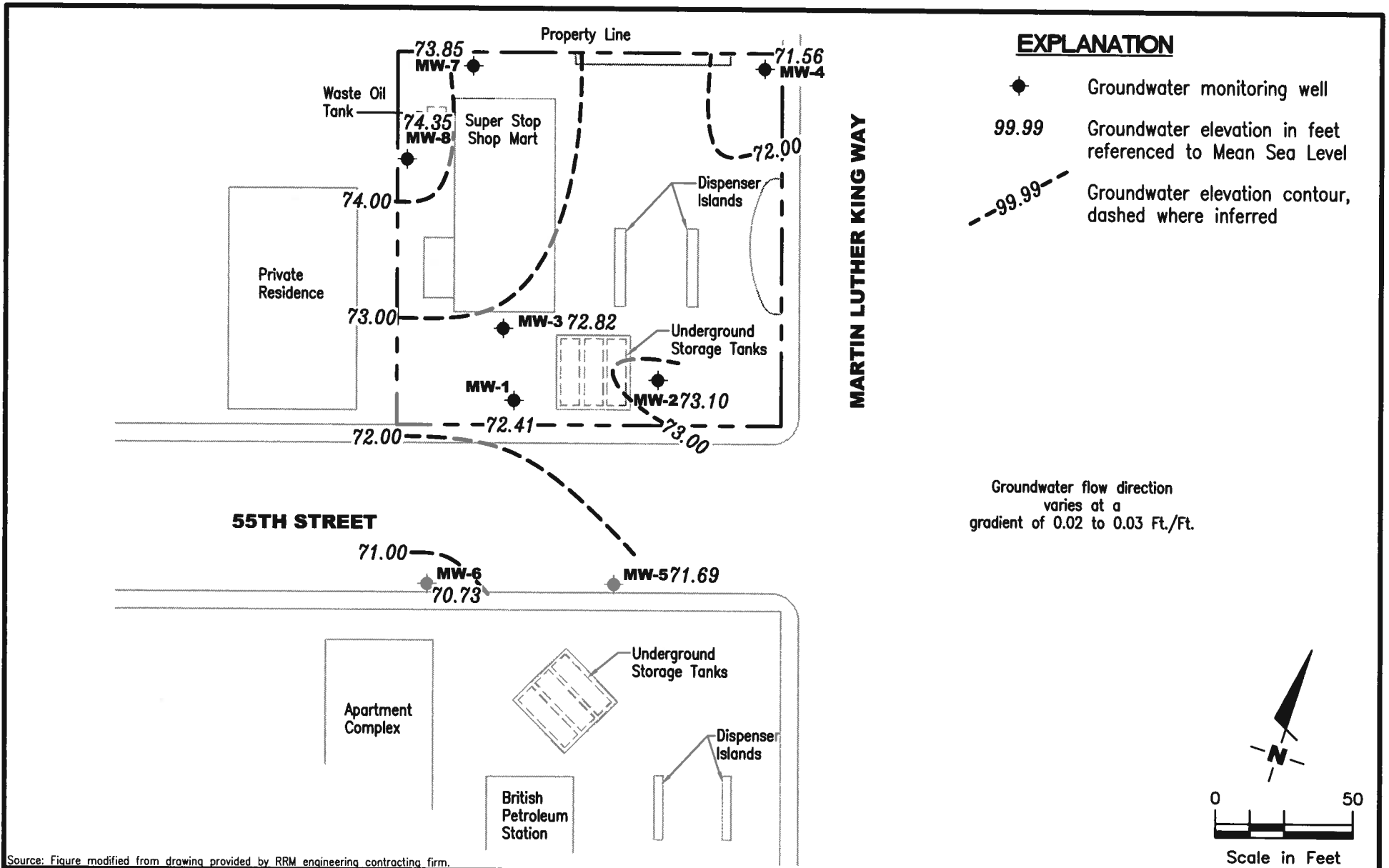


Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



Source: Figure modified from drawing provided by RRM engineering contracting firm.

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

POTENTIOMETRIC MAP
 Former Chevron Service Station #9-1583
 5509 Martin Luther King Way
 Oakland, California

FIGURE
1

PROJECT NUMBER
386506

REVIEWED BY

DATE
 January 13, 2009

REVISED DATE

FILE NAME: P:\Enviro\Chevron\9-1583\Q09-9-1583.dwg | Layout Tab: Pat1

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-1													
12/22/83	81.97	71.72	10.25	--	--	--	--	--	--	--	--	--	--
12/30/83	81.97	72.80	9.17	--	--	--	--	--	--	--	--	--	--
03/12/90	81.97	71.89	10.08	--	--	--	50,000	3,000	7,300	1,900	18,000	--	--
03/25/90	82.42	71.51	10.46	--	--	--	--	--	--	--	--	--	--
10/18/90	82.42	--	--	--	--	--	--	--	--	--	--	--	--
10/31/90	82.42	--	--	--	--	--	--	--	--	--	--	--	--
11/16/90	82.42	70.84	11.58	--	--	--	--	--	--	--	--	--	--
02/08/91	82.42	72.31	10.11	--	--	--	100,000	4,200	8,400	16,000	2,600	--	--
05/08/91	82.42	71.97	10.45	--	--	--	31,000	200	66	670	2,000	--	--
08/12/91	82.42	71.19	11.23	--	--	--	17,000	81	7.2	270	710	--	--
11/07/91	82.42	71.72	10.70	--	--	--	7,100	24	6.0	130	170	--	--
02/05/92	82.42	72.05	10.37	--	--	--	110,000	8,900	14,000	2,700	12,000	--	--
05/13/92	82.42	71.84	10.58	--	--	--	19,000	450	85	480	870	--	--
07/17/92	82.42	71.37	11.05	--	--	--	8,500	170	<10	360	600	--	--
10/05/92	82.42	71.01	11.41	--	--	--	22,000	4,300	5,100	570	2,900	--	--
11/11/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	82.42	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	82.42	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	82.42	74.31	8.11	--	--	--	14,000,000	12,000	79,000	270,000	1,300,000	--	--
02/02/93	82.42	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	82.42	72.57	9.85	--	--	--	48,000	670	1,100	1,600	6,300	--	--
08/06/93	82.42	71.59	10.83	--	--	--	44,000	660	990	1,600	6,100	--	--
10/21/93	82.42	71.52	10.90	--	--	--	18,000	270	460	1,300	4,700	--	--
01/05/94	82.42	72.09	10.33	--	--	--	22,000	160	160	630	2,300	--	--
04/08/94	82.42	72.24	10.18	--	--	--	21,000	37	110	570	1,400	--	--
07/06/94	82.42	71.78	10.64	--	--	--	28,000	210	100	540	1,200	--	--
08/04/94	82.42	71.91	10.51	--	--	--	--	--	--	--	--	--	--
10/05/94	82.42	71.51	10.91	--	--	--	120,000	39	22	320	900	--	--
01/18/95	82.42	73.80	8.62	--	--	--	12,000	<20	<20	130	160	--	--
04/07/95	82.42	72.89	9.53	--	--	--	2,500	<2.5	<2.5	71	38	--	--
07/06/95	82.42	72.03	10.39	--	--	--	5,700	<0.5	<0.5	110	110	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-1 (cont)													
10/11/95	82.42	70.54	11.88	--	--	--	2,700	13	<5.0	13	5.7	650	--
01/17/96	82.42	73.14	9.28	--	--	--	4,200	12	<5.0	43	24	300	--
04/05/96	82.42	72.82	9.60	--	--	--	1,300	<1.2	<1.2	7.6	2.8	220	--
07/23/96	82.42	72.19	10.23	--	--	--	700	<1.0	<1.0	7.0	4.8	240	--
10/02/96	82.42	71.67	10.75	--	--	--	1,700	<2.5	9.8	10	13	610	--
01/23/97	82.42	74.75	7.67	--	--	--	1,300	21	<10	<10	<10	2,700	--
04/01/97	82.42	72.22	10.20	--	--	--	670	<2.0	<2.0	4.1	3.6	1,200	--
07/09/97	82.42	72.12	10.30	--	--	--	460	<1.0	<1.0	<1.0	<1.0	440	--
10/07/97	82.42	71.73	10.69	--	--	--	1,100	8.5	<2.0	<2.0	2.0	250	--
01/22/98	82.42	74.20	8.22	--	--	--	460	1.4	5.8	<0.5	<0.5	150	--
04/02/98	82.42	72.89	9.53	--	--	--	220	2.5	1.2	<1.0	1.9	260	--
07/02/98	82.42	72.08	10.34	--	--	--	270	<0.5	0.82	<0.5	<0.5	140	--
10/02/98	82.42	71.70	10.72	--	--	--	170	1.3	<0.5	<0.5	<1.5	320	--
01/18/99	82.42	72.87	9.55	--	--	--	416	<2.5	<2.5	<2.5	<2.5	316/295 ²	--
07/22/99	82.42	71.61	10.81	--	--	--	186	<0.5	3.94	1.46	2.37	63.7	--
01/17/00	82.42	72.21	10.21	--	--	--	248	1.6	<0.5	<0.5	<0.5	41.0	--
07/05/00	82.42	72.12	10.30	0.00	--	--	76 ³	<0.50	<0.50	<0.50	0.79	69	--
01/15/01	82.42	73.01	9.41	0.00	--	--	66.6	<0.500	<0.500	<0.500	0.585	22.5	--
07/03/01	82.42	72.13	10.29	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	8.8	--
02/28/02	82.42	72.74	9.68	0.00	--	--	58	<0.50	<0.50	<0.50	<1.5	21	--
07/08/02	82.42	72.14	10.28	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	23	--
01/01/03	82.42	74.28	8.14	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	15	--
07/14/03 ⁸	82.42	72.12	10.30	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	5	--
01/12/04 ⁸	82.42	73.40	9.02	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	61	--
07/27/04 ⁸	82.42	72.10	10.32	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	54	--
01/25/05 ⁸	82.42	74.24	8.18	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	5	--
07/26/05 ⁸	82.42	72.40	10.02	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	25	--
01/24/06 ⁸	82.42	74.22	8.20	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	25	--
07/25/06 ⁸	82.42	72.30	10.12	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	14	--
01/23/07 ⁸	82.42	72.57	9.85	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	17	--
07/24/07 ⁸	82.42	70.59	11.83	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	7	--
01/22/08 ⁸	82.42	73.12	9.30	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	8	--
07/22/08 ⁸	82.42	71.69	10.73	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/13/09⁸	82.42	72.41	10.01	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-2													
12/22/83	83.48	72.98	10.50	--	--	--	--	--	--	--	--	--	--
12/30/83	83.48	73.56	9.92	--	--	--	--	--	--	--	--	--	--
03/12/90	83.48	72.46	11.02	--	--	--	800	400	22	18	55	--	--
03/25/90	83.48	72.15	11.33	--	--	--	--	--	--	--	--	--	--
10/18/90	83.48	71.17	12.31	--	--	--	--	--	--	--	--	--	--
10/31/90	83.48	--	--	--	--	--	--	--	--	--	--	--	--
11/16/90	83.48	--	--	--	--	--	--	--	--	--	--	--	--
02/08/91	83.48	72.43	11.05	--	--	--	4,600	820	440	720	210	--	--
05/08/91	83.48	72.12	11.36	--	--	--	<50	5.0	<0.5	<0.5	<0.5	--	--
08/12/91	83.48	71.51	11.97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	83.48	71.98	11.50	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	83.48	72.29	11.19	--	--	--	1,700	390	170	60	200	--	--
05/13/92	83.48	71.99	11.49	--	--	--	74	9.3	<0.5	<0.5	<0.5	--	--
07/17/92	83.48	71.63	11.85	--	--	--	<50	2.0	<0.5	<0.5	<0.5	--	--
10/05/92	83.48	71.48	12.00	--	--	--	3,500	1,200	530	86	220	--	--
11/11/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	83.48	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	83.48	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	83.48	74.65	8.83	--	--	--	390	140	0.8	7.7	26	--	--
02/02/93	83.48	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	83.48	72.69	10.79	--	--	--	<50	5.0	<0.5	<0.5	<0.5	--	--
08/06/93	83.48	71.77	11.71	--	--	--	<50	1.0	<0.5	<0.5	<0.5	--	--
10/21/93	83.48	71.74	11.74	--	--	--	<50	1.0	<0.5	9.0	<0.5	--	--
01/05/94	83.48	72.30	11.18	--	--	--	<50	0.7	<0.5	<0.5	0.9	--	--
04/08/94	83.48	72.42	11.06	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/94	83.48	71.80	11.68	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/94	83.48	72.29	11.19	--	--	--	--	--	--	--	--	--	--
10/05/94	83.48	71.79	11.69	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/18/95	83.48	74.26	9.22	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/95	83.48	73.62	9.86	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/95	83.48	72.74	10.74	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-2 (cont)													
10/11/95	83.48	72.26	11.22	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/17/96	83.48	73.74	9.74	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/05/96	83.48	73.52	9.96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/96	83.48	72.57	10.91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/96	83.48	72.41	11.07	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/23/97	83.48	75.18	8.30	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/01/97	83.48	72.90	10.58	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	83.48	72.58	10.90	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/07/97	83.48	72.52	10.96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/98	83.48	74.73	8.75	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/98	83.48	73.66	9.82	--	--	--	89	3.0	5.4	4.1	21	<2.5	--
07/02/98	83.48	72.74	10.74	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/98	83.48	72.43	11.05	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/18/99	83.48	73.09	10.39	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
07/22/99	83.48	72.61	10.87	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
01/17/00	83.48	72.89	10.59	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/05/00	83.48	72.84	10.64	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
01/15/01	83.48	73.77	9.71	0.00	--	--	555 ⁶	<0.500	<0.500	<0.500	<0.500	<2.50	--
07/03/01	83.48	73.02	10.46	0.00	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
02/28/02	83.48	73.49	9.99	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/08/02	83.48	72.98	10.50	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
01/01/03	83.48	75.33	8.15	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/14/03 ⁸	83.48	72.96	10.52	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/12/04 ⁸	83.48	74.31	9.17	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/27/04 ⁸	83.48	72.85	10.63	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/25/05 ⁸	83.48	74.36	9.12	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/26/05 ⁸	83.48	73.56	9.92	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/24/06 ⁸	83.48	74.33	9.15	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06 ⁸	83.48	73.03	10.45	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/23/07 ⁸	83.48	73.37	10.11	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/24/07 ⁸	83.48	72.90	10.58	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/22/08 ⁸	83.48	73.85	9.63	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08 ⁸	83.48	73.08	10.40	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	--
01/13/09 ⁸	83.48	73.10	10.38	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

Table 1
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5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-3													
12/22/83	84.36	72.78	11.58	--	--	--	--	--	--	--	--	--	--
12/30/83	84.36	73.19	11.17	--	--	--	--	--	--	--	--	--	--
03/12/90	84.36	72.22	12.14	--	--	--	47,000	1,000	9,900	1,700	9,800	--	--
03/25/90	84.38	71.81	12.55	--	--	--	--	--	--	--	--	--	--
10/18/90	84.38	--	--	--	--	--	--	--	--	--	--	--	--
10/31/90	84.38	--	--	--	--	--	--	--	--	--	--	--	--
11/16/90	84.38	70.76	13.62	--	--	--	--	--	--	--	--	--	--
02/08/91	84.38	72.20	12.18	--	--	--	58,000	4,900	5,200	9,500	2,000	--	--
05/08/91	84.38	71.86	12.52	--	--	--	50,000	2,100	1,400	2,000	9,400	--	--
08/12/91	84.38	71.11	13.27	--	--	--	15,000	1,300	160	920	1,900	--	--
11/07/91	84.38	71.57	12.81	--	--	--	26,000	1,000	310	1,900	5,900	--	--
02/05/92	84.38	71.91	12.47	--	--	--	35,000	2,800	1,300	1,500	4,700	--	--
05/13/92	84.38	71.76	12.62	--	--	--	47,000	1,500	1,200	1,100	4,800	--	--
07/17/92	84.38	71.25	13.13	--	--	--	15,000	120	11	88	140	--	--
10/05/92	84.38	70.95	13.62	0.24	--	--	--	--	--	--	--	--	--
11/11/92	84.38	71.63	12.89	0.17	--	--	--	--	--	--	--	--	--
11/17/92	84.38	71.54	12.89	0.06	--	--	--	--	--	--	--	--	--
11/24/92	84.38	71.56	12.86	0.05	--	--	--	--	--	--	--	--	--
12/01/92	84.38	71.48	12.92	0.03	--	--	--	--	--	--	--	--	--
12/29/92	84.38	73.14	11.24	Sheen	--	--	--	--	--	--	--	--	--
01/05/93	84.38	73.23	11.15	Sheen	--	--	--	--	--	--	--	--	--
01/08/93	84.38	74.28	10.10	--	--	--	250,000	5,000	17,000	5,500	28,000	--	--
02/02/93	84.38	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	84.38	72.48	11.91	0.01	--	--	--	--	--	--	--	--	--
08/06/93	84.38	71.49	12.90	0.01	--	--	150,000	3,800	6,600	3,700	17,000	--	--
10/21/93	84.38	71.41	12.97	--	--	--	22,000	2,300	1,700	1,400	5,100	--	--
01/05/94	84.38	71.96	12.42	--	--	--	37,000	1,600	1,100	1,300	6,500	--	--
04/08/94	84.38	72.51	11.87	--	--	--	16,000	250	310	500	2,500	--	--
07/06/94	84.38	71.64	12.74	--	--	--	43,000	660	320	1,900	6,400	--	--
08/04/94	84.38	71.71	12.67	--	--	--	--	--	--	--	--	--	--
10/05/94	84.38	71.43	12.95	--	--	--	12,000	280	90	480	370	--	--
01/18/95	84.38	73.72	10.66	--	--	--	20,000	200	230	700	3,500	--	--
04/07/95	84.38	72.84	11.54	--	--	--	22,000	120	120	810	4,400	--	--
07/06/95	84.38	71.99	12.39	--	--	--	15,000	110	<50	630	2,100	--	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-3 (cont)													
10/11/95	84.38	72.07	12.31	--	--	--	8,600	24	<10	360	560	1,100	--
01/17/96	84.38	73.68	10.70	--	--	--	9,300	<50	<50	230	1,100	2,300	--
04/05/96	84.38	73.35	11.03	--	--	--	8,700	16	<10	110	650	990	--
07/23/96	84.38	72.38	12.00	--	--	--	5,400	20	<5.0	190	480	2,300	--
10/02/96	84.38	72.20	12.18	--	--	--	6,200	43	<20	130	140	2,800	--
01/23/97	84.38	75.12	9.26	--	--	--	5,600	<5.0	<5.0	39	160	550	--
04/01/97	84.38	72.75	11.63	--	--	--	6,900	17	<10	150	330	3,900	--
07/09/97	84.38	72.38	12.00	--	--	--	5,300	31	<5.0	100	180	2,300	--
10/07/97	84.38	72.27	12.11	--	--	--	2,400	15	<2.0	30	15	900	--
01/22/98	84.38	74.73	9.65	--	--	--	3,200	2.5	7.9	70	220	660	--
04/02/98	84.38	73.49	10.89	--	--	--	1,300	14	9.7	25	63	430	--
07/02/98	84.38	72.69	11.69	--	--	--	750	6.9	<5.0	18	9.1	370	--
10/02/98	84.38	72.23	12.15	--	--	--	1,400	5.3	0.73	18	6.6	900	--
01/18/99	84.38	74.05	10.33	--	--	--	1,270	<1.0	<1.0	7.95	<1.0	100/99.7 ²	--
07/22/99	84.38	72.08	12.30	--	--	--	2,240	<1.0	<1.0	29.4	13.7	189	--
01/17/00	84.38	72.78	11.60	--	--	--	848	6.72	2.53	5.02	2.49	90	--
07/05/00	84.38	72.67	11.71	0.00	--	--	90 ³	5.3	<0.50	0.70	<0.50	770	--
01/15/01	84.38	73.93	10.45	0.00	--	--	206	<0.500	<0.500	<0.500	1.09	4.04	--
07/03/01	84.38	72.62	11.76	0.00	--	--	<50	0.53	<0.50	<0.50	1.1	20	--
02/28/02	84.38	73.29	11.09	0.00	--	--	170	<1.0	<1.0	<1.0	1.6	45	--
07/08/02	84.38	71.38	13.00	0.00	--	--	430	0.60	<0.50	0.79	<1.5	42	--
01/01/03	84.38	74.89	9.49	0.00	--	--	140	<0.50	<0.50	<0.50	<1.5	6.1	--
07/14/03 ^s	84.38	71.36	13.02	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	43	--
01/12/04 ^s	84.38	74.00	10.38	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	2	--
07/27/04 ^s	84.38	72.60	11.78	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	41	--
01/25/05 ^s	84.38	73.96	10.42	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	27	--
07/26/05 ^s	84.38	72.17	12.21	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	12	--
01/24/06 ^s	84.38	73.99	10.39	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	0.8	--
07/25/06 ^s	84.38	72.76	11.62	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	23	--
01/23/07 ^s	84.38	73.44	10.94	0.00	--	--	130	<0.5	<0.5	<0.5	<0.5	2	--
07/24/07 ^s	84.38	74.10	10.28	0.00	--	--	210	<0.5	<0.5	<0.5	<0.5	20	--
01/22/08 ^s	84.38	73.83	10.55	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08 ^s	84.38	72.40	11.98	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	7	--
01/13/09 ^s	84.38	72.82	11.56	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	10	--

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WELL ID/ DATE	TOC (ft.)	GWE (msf)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-4													
10/18/90	84.25	68.50	15.75	--	--	--	--	--	--	--	--	--	--
10/31/90	84.25	70.35	13.90	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--
11/16/90	84.25	70.00	14.25	--	--	--	--	--	--	--	--	--	--
02/08/91	84.25	71.93	12.32	--	--	--	60	17	2.0	12	<0.5	--	--
05/08/91	84.25	72.02	12.23	--	--	--	65	<0.5	<0.5	<0.5	<0.5	--	--
08/12/91	84.25	70.32	13.93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	84.25	70.83	13.42	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	84.25	71.42	12.83	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/92	84.25	70.97	13.28	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	84.25	70.27	13.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/92	84.25	70.02	14.23	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/11/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	84.25	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	84.25	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	84.25	74.09	10.16	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/02/93	84.25	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	84.25	72.21	12.04	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/06/93	84.25	70.34	13.91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/21/93	84.25	70.26	13.99	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--
01/05/94	84.25	71.30	12.95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/08/94	84.25	71.31	12.94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/94	84.25	70.57	13.68	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/94	84.25	70.71	13.54	--	--	--	--	--	--	--	--	--	--
10/05/94	84.25	70.65	13.60	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/18/95	84.25	74.77	9.48	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/95	84.25	72.70	11.55	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/95	84.25	71.25	13.00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/11/95	84.25	70.27	13.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/17/96	84.25	73.17	11.08	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/05/96	84.25	72.65	11.60	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/96	84.25	70.86	13.39	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

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MW-4 (cont)													
10/02/96	84.25	70.27	13.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/23/97	84.25	74.72	9.53	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/01/97	84.25	71.68	12.57	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	84.25	70.64	13.61	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/07/97	84.25	70.51	13.74	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/98	84.25	74.90	9.35	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/98	84.25	73.00	11.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/02/98	84.25	71.84	12.41	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/98	84.25	71.00	13.25	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/18/99	84.25	72.65	11.60	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
07/22/99	84.25	70.70	13.55	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
01/17/00	84.25	71.32	12.93	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
07/05/00	84.25	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/15/01	84.25	72.73	11.52	0.00	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
07/03/01	84.25	71.30	12.95	0.00	--	--	--	--	--	--	--	--	--
02/28/02	84.25	72.54	11.71	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/08/02	84.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/01/03	84.24	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
07/14/03	84.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/12/04 ⁸	84.24	73.23	11.01	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/25/05 ⁸	84.24	73.28	10.96	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/26/05	84.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/24/06 ⁸	84.24	73.36	10.88	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06	84.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/23/07 ⁸	84.24	71.85	12.39	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/24/07	84.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/22/08 ⁸	84.24	72.77	11.47	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08	84.24	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/13/09 ⁸	84.24	71.56	12.68	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-5													
10/18/90	81.95	71.17	10.78	--	--	--	--	--	--	--	--	--	--
10/31/90	81.95	71.32	10.63	--	--	--	110	<0.5	<0.5	<0.5	<0.5	--	--
11/16/90	81.95	71.27	10.68	--	--	--	--	--	--	--	--	--	--
02/08/91	81.95	72.78	9.17	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/08/91	81.95	73.27	8.68	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/12/91	81.95	71.62	10.33	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	81.95	72.19	9.76	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	81.95	72.48	9.47	--	--	--	69	<0.5	<0.5	<0.5	<0.5	--	--
05/13/92	81.95	72.25	9.70	--	--	--	74	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	81.95	71.74	10.21	--	--	--	880	2.6	<1.2	4.6	11	--	--
10/05/92	81.95	71.34	10.61	--	--	--	120	<0.5	<0.5	0.6	4.9	--	--
11/11/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	81.95	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	81.95	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	81.95	74.61	7.34	--	--	--	61	<0.5	<0.5	<0.5	<0.5	--	--
02/02/93	81.95	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	81.95	--	--	--	--	--	--	--	--	--	--	--	--
08/06/93	81.95	71.99	9.96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/21/93	81.95	71.89	10.06	--	--	--	<50	<0.5	<0.5	2.0	4.0	--	--
01/05/94	81.95	72.52	9.43	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/08/94	81.95	72.56	9.39	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/94	81.95	72.19	9.76	--	--	--	<50	0.6	<0.5	<0.5	<0.5	--	--
08/04/94	81.95	72.13	9.82	--	--	--	--	--	--	--	--	--	--
10/05/94	81.95	71.89	10.06	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/18/95	81.95	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
04/07/95	81.95	73.31	8.64	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/95	81.95	72.52	9.43	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/11/95	81.95	72.12	9.83	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/17/96	81.95	73.63	8.32	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/05/96	81.95	73.23	8.72	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/96	81.95	72.25	9.70	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--

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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-5 (cont)													
10/02/96	81.95	72.06	9.89	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/23/97	81.95	74.72	7.23	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/01/97	81.95	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
07/09/97	81.95	72.27	9.68	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/07/97	81.95	72.14	9.81	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/98	81.95	74.80	7.15	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/98	81.95	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
07/02/98	81.95	72.43	9.52	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/98	81.95	72.14	9.81	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/18/99	81.95	73.11	8.84	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
07/22/99	81.95	72.01	9.94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
01/17/00	81.95	72.70	9.25	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/05/00	81.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/15/01	81.95	73.41	8.54	0.00	--	--	423 ⁶	<0.500	<0.500	<0.500	<0.500	<2.50	--
07/03/01	81.95	72.62	9.33	0.00	--	--	--	--	--	--	--	--	--
02/28/02	81.95	73.24	8.71	0.00	--	--	270	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/08/02	81.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/01/03	81.95	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
07/14/03	81.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/12/04 ⁸	81.95	73.91	8.04	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/25/05 ⁸	81.95	73.94	8.01	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/26/05	81.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/24/06 ⁸	81.95	73.89	8.06	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06	81.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/23/07	81.95	INACCESSIBLE - VEHICLE PARKED OVER WELL				--	--	--	--	--	--	--	--
07/24/07	81.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/22/08 ⁸	81.95	73.50	8.45	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08	81.95	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/13/09 ⁸	81.95	71.69	10.26	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--

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Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-6													
10/18/90	80.60	70.81	9.79	--	--	--	--	--	--	--	--	--	--
10/31/90	80.60	70.91	9.69	--	--	--	<50	<0.5	<0.5	<0.5	3.0	--	--
11/16/90	80.60	70.86	9.74	--	--	--	--	--	--	--	--	--	--
02/08/91	80.60	--	--	--	--	--	--	--	--	--	--	--	--
05/08/91	80.60	71.06	9.54	--	--	--	56	<0.5	<0.5	<0.5	<0.5	--	--
08/12/91	80.60	71.10	9.50	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	80.60	71.71	8.89	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	80.60	72.01	8.59	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
07/17/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
10/05/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
11/11/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
11/24/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
12/01/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	80.60	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	80.60	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	80.60	--	--	--	--	--	--	--	--	--	--	--	--
02/02/93	80.60	72.89	7.71	--	--	--	<50	2.1	<0.5	<0.5	2.2	--	--
04/14/93	80.60	72.41	8.19	--	--	--	<50	1.0	<0.5	<0.5	<0.5	--	--
08/06/93	80.60	71.52	9.08	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/21/93	80.60	71.46	9.14	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/05/94	80.60	72.06	8.54	--	--	--	<50	4.0	<0.5	<0.5	<0.5	--	--
04/08/94	80.60	--	--	--	--	--	--	--	--	--	--	--	--
07/06/94	80.60	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
08/04/94	80.60	71.66	8.94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/94	80.60	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
01/18/95	80.60	73.50	7.10	--	--	--	<50	0.69	<0.5	<0.5	0.57	--	--
04/07/95	80.60	72.77	7.83	--	--	--	<50	1.8	<0.5	<0.5	<0.5	--	--
07/06/95	80.60	72.03	8.57	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/11/95	80.60	71.54	9.06	--	--	--	<125	<1.2	<1.2	<1.2	<1.2	540	--
01/17/96	80.60	73.20	7.40	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	180	--
04/05/96	80.60	72.70	7.90	--	--	--	<125	1.4	<1.2	<1.2	<1.2	700	--
07/23/96	80.60	71.86	8.74	--	--	--	<500	<5.0	<5.0	<5.0	<5.0	540	--

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MW-6 (cont)													
10/02/96	80.60	71.62	8.98	--	--	--	<100	<1.0	<1.0	<1.0	1.8	910	--
01/23/97	80.60	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
04/01/97	80.60	72.22	8.38	--	--	--	<250	<2.5	<2.5	<2.5	<2.5	640	--
07/09/97	80.60	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
10/07/97	80.60	71.71	8.89	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	640	--
01/22/98	80.60	73.90	6.70	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	200	--
04/02/98	80.60	72.79	7.81	--	--	--	<250	<2.5	<2.5	<2.5	<2.5	480	--
07/02/98	80.60	71.62	8.98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	420	--
10/02/98	80.60	71.68	8.92	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	270	--
01/18/99	80.60	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
07/22/99	80.60	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
01/17/00	80.60	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--
07/05/00	80.60	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/15/01	80.60	INACCESSIBLE - CAR PARKED OVER WELL					--	--	--	--	--	--	--
07/03/01	80.60	INACCESSIBLE - CAR PARKED OVER WELL					--	--	--	--	--	--	--
02/28/02	80.60	72.70	7.90	0.00	--	--	<50	<0.50	<0.50	<0.50	<1.5	55	--
07/08/02	80.60	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/01/03	80.60	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--	--
07/14/03	80.60	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/12/04 ^s	80.60	73.23	7.37	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	25	--
01/25/05 ^s	80.60	73.17	7.43	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	3	--
07/26/05	80.60	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/24/06 ^s	80.60	73.20	7.40	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06	80.60	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/23/07 ^s	80.60	72.53	8.07	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	8	--
07/24/07	80.60	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/22/08 ^s	80.60	73.07	7.53	0.00	--	--	<50	<0.5	<0.5	1	2	4	--
07/22/08	80.60	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--	--	--	--
01/13/09 ^s	80.60	70.73	9.87	0.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	6	--

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MW-7													
03/08/94	86.36	74.99	11.37	--	<10	4,100	1,200	440	31	73	200	--	--
07/06/94	86.36	--	--	--	--	--	--	--	--	--	--	--	--
08/04/94	86.36	73.86	12.50	--	--	--	120	15	<0.5	3.8	1.8	--	--
10/05/94	86.36	73.99	12.37	--	--	--	150	1.2	<0.5	1.2	1.7	--	--
01/18/95	86.36	74.82	11.54	--	--	--	260	11	<1.0	17	6.8	--	--
04/07/95	86.36	75.63	10.73	--	--	--	230	<0.5	<0.5	25	0.93	--	--
07/06/95	86.36	74.36	12.00	--	--	--	320	<1.0	<1.0	<1.0	<1.0	--	6,900
10/11/95	86.36	73.56	12.80	--	--	2,300 ¹	<50	<0.5	<0.5	<0.5	<0.5	120	--
01/17/96	86.36	75.90	10.46	--	--	1,700	<50	<0.5	<0.5	<0.5	<0.5	460	--
04/05/96	86.36	76.56	9.80	--	--	590	130	<0.5	<0.5	<0.5	<0.5	120	--
07/23/96	86.36	74.57	11.79	--	--	820	<500	<5.0	<5.0	<5.0	<0.5	1,200	--
10/02/96	86.36	73.10	13.26	--	--	1,500	<100	<1.0	<1.0	<1.0	<1.0	360	--
01/23/97	86.36	77.64	8.72	--	--	<500	<100	<1.0	<1.0	<1.0	<1.0	490	--
04/01/97	86.36	75.09	11.27	--	--	1,600	<250	<2.5	<2.5	<2.5	<2.5	1,200	--
07/09/97	86.36	73.92	12.44	--	--	5,700	<250	5.9	<2.5	<2.5	<2.5	1,200	--
10/07/97	86.36	73.44	12.92	--	--	<500	<50	<0.5	<0.5	<0.5	<0.5	240	--
01/22/98	86.36	75.14	11.22	--	--	<500	<50	<0.5	<0.5	<0.5	<0.5	400	--
04/02/98	86.36	75.67	10.69	--	--	<500	56	<0.5	<0.5	<0.5	<0.5	290	--
07/02/98	86.36	75.94	10.42	--	--	<500	<50	<0.5	<0.5	<0.5	<0.5	380	--
10/02/98	86.36	74.14	12.22	--	--	1,700	<50	<0.5	<0.5	<0.5	<1.5	660	--
01/18/99	86.36	75.36	11.00	--	--	543	<100	<1.0	<1.0	<1.0	<1.0	281/296 ²	--
07/22/99	86.36	74.06	12.30	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	155	--
01/17/00	86.36	75.84	10.52	--	256 ¹	1,040	<50	<0.5	<0.5	<0.5	<0.5	104	--
07/05/00	86.36	74.23	12.13	0.00	--	1,400 ⁴	<50	<0.50	<0.50	<0.50	<0.50	110	--
01/15/01	86.36	75.23	11.13	0.00	--	2,700	<50.0	<0.500	<0.500	<0.500	<0.500	84.3	--
07/03/01	86.36	74.47	11.89	0.00	--	760 ⁷	<50	<0.50	<0.50	<0.50	<0.50	27	--
02/28/02	86.36	75.26	11.10	0.00	--	<1,000	<50	<0.50	<0.50	<0.50	<1.5	66	--
07/08/02	86.36	74.05	12.31	0.00	--	1,400	<50	<0.50	<0.50	<0.50	<1.5	49	--
01/01/03	86.36	76.65	9.71	0.00	--	1,300	<50	<0.50	<0.50	<0.50	<1.5	35	--
07/14/03 ⁸	86.36	74.01	12.35	0.00	--	130	<50	<0.5	<0.5	<0.5	<0.5	20	--
01/12/04 ⁸	86.36	75.66	10.70	0.00	--	250	<50	<0.5	<0.5	<0.5	<0.5	27	--
07/27/04 ⁸	86.36	74.08	12.28	0.00	--	730	<50	<0.5	<0.5	<0.5	<0.5	44	--
01/25/05 ⁸	86.36	75.56	10.80	0.00	--	980	<50	<0.5	<0.5	<0.5	<0.5	34	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-1583
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Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-7 (cont)													
07/26/05 ^B	86.36	73.69	12.67	0.00	--	1,100	<50	<0.5	<0.5	<0.5	<0.5	19	-
01/24/06 ^B	86.36	75.60	10.76	0.00	--	230	<50	<0.5	<0.5	<0.5	<0.5	18	--
07/25/06 ^B	86.36	74.17	12.19	0.00	--	160	<50	<0.5	<0.5	<0.5	<0.5	19	--
01/23/07 ^B	86.36	74.60	11.76	0.00	--	2,100	<50	<0.5	<0.5	<0.5	<0.5	15	--
07/24/07 ^B	86.36	73.91	12.45	0.00	--	3,100	<50	<0.5	<0.5	<0.5	<0.5	24	--
01/22/08 ^B	86.36	75.36	11.00	0.00	--	4,400	<50	<0.5	<0.5	<0.5	<0.5	12	--
07/22/08 ^B	86.36	73.38	12.98	0.00	--	200	<50	<0.5	<0.5	<0.5	<0.5	25	--
01/13/09 ^B	86.36	73.85	12.51	0.00	--	1,400	<50	<0.5	<0.5	<0.5	<0.5	7	--
MW-8 (cont)													
03/08/94	85.93	75.06	10.87	--	<10	<100	28,000	2,900	1,300	1,200	6,800	--	--
07/06/94	85.93	--	--	--	--	--	--	--	--	--	--	--	--
08/04/94	85.93	73.77	12.16	--	--	--	22,000	3,000	260	870	4,400	--	--
10/05/94	85.93	72.71	13.22	--	--	--	12,000	1,800	34	4.6	890	--	--
01/18/95	85.93	75.51	10.42	--	--	--	19,000	1,000	65	1,100	3,500	--	--
04/07/95	85.93	75.48	10.45	--	--	--	14,000	310	<25	720	1,700	--	--
07/06/95	85.93	74.30	11.63	--	--	--	19,000	280	<50	1,200	2,600	--	--
10/11/95	85.93	73.51	12.42	--	--	--	6,100	140	5.5	320	280	1,200	--
01/17/96	85.93	75.95	9.98	--	--	<500	12,000	86	<20	590	1,400	1,100	--
04/05/96	85.93	75.60	10.33	--	--	<500	7,500	180	23	410	480	560	--
07/23/96	85.93	74.56	11.37	--	--	<500	3,800	47	<5.0	350	84	1,800	--
10/02/96	85.93	73.90	12.03	--	--	<500	4,400	65	<5.0	140	28	1,500	--
01/23/97	85.93	77.73	8.20	--	--	<500	3,800	36	5.9	140	36	910	--
04/01/97	85.93	75.80	10.13	--	--	<500	6,100	43	<20	380	76	1,800	--
07/09/97	85.93	73.77	12.16	--	--	<500	7,300	48	<25	120	<25	2,400	--
10/07/97	85.93	73.77	12.16	--	--	<500	3,100	<10	<10	67	<10	1,400	--
01/22/98	85.93	75.83	10.10	--	--	<500	1,900	5.5	8.3	120	17	780	--
04/02/98	85.93	75.55	10.38	--	--	<500	2,900	43	19	110	<10	800	--
07/02/98	85.93	74.78	11.15	--	--	<500	5,000	31	<10	120	15	780	--
10/02/98	85.93	74.03	11.90	--	--	1,200 ¹	2,200	6.5	<0.5	21	2.6	140	--
01/18/99	85.93	75.12	10.81	--	554	<250	2,870	<5.0	<5.0	9.02	<5.0	476/478 ²	--
07/22/99	85.93	74.38	11.55	--	--	--	2,190	<1.0	<1.0	3.51	1.61	228	--

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WELL ID/ DATE	TOC (ft.)	GWE (mst)	BTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-8 (cont)													
01/17/00	85.93	75.06	10.87	--	955 ¹	<500	1,220	1.3	1.56	1.56	1.87	344	--
07/05/00	85.93	74.55	11.38	0.00	--	260 ⁵	1,900 ³	15	6.6	<5.0	<5.0	170	--
01/15/01	85.93	75.59	10.34	0.00	--	<250	2,820	<1.00	<1.00	5.13	3.90	110	--
07/03/01	85.93	74.77	11.16	0.00	--	<250	1,900 ³	6.0	<5.0	<5.0	<5.0	46	--
02/28/02	85.93	75.26	10.67	0.00	--	<1,000	1,500	4.6	<2.0	0.80	2.2	56	--
07/08/02	85.93	74.30	11.63	0.00	--	<400	2,500	4.2	0.85	0.68	2.5	46	--
01/01/03	85.93	76.01	9.92	0.00	--	<400	1,300	2.1	0.66	1.1	2.1	45	--
07/14/03 ⁸	85.93	74.27	11.66	0.00	--	160	1,900	<0.5	<0.5	<0.5	<0.5	58	--
01/12/04 ⁸	85.93	75.92	10.01	0.00	--	<40	1,400	<0.5	<0.5	<0.5	<0.5	110	--
07/27/04 ⁸	85.93	74.33	11.60	0.00	--	<40	1,100	<0.5	<0.5	<0.5	<0.5	89	--
01/25/05 ⁸	85.93	75.96	9.97	0.00	--	130	900	<0.5	<0.5	<0.5	<0.5	52	--
07/26/05 ⁸	85.93	74.08	11.85	0.00	--	99	580	<0.5	<0.5	<0.5	<0.5	23	--
01/24/06 ⁸	85.93	76.06	9.87	0.00	--	69	620	<0.5	<0.5	<0.5	<0.5	31	--
07/25/06 ⁸	85.93	74.77	11.16	0.00	--	<40	420	<0.5	<0.5	<0.5	<0.5	20	--
01/23/07 ⁸	85.93	74.78	11.15	0.00	--	200	710	<0.5	<0.5	<0.5	<0.5	26	--
07/24/07 ⁸	85.93	74.15	11.78	0.00	--	730	560	<0.5	<0.5	<0.5	<0.5	30	--
01/22/08 ⁸	85.93	75.59	10.34	0.00	--	500	520	<0.5	<0.5	<0.5	<0.5	27	--
07/22/08 ⁸	85.93	73.86	12.07	0.00	--	90	330	<0.5	<0.5	<0.5	<0.5	21	--
01/13/09 ⁸	85.93	74.35	11.58	0.00	--	62	360	<0.5	<0.5	<0.5	<0.5	14	--
TRIP BLANK													
03/12/90	--	--	--	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--
02/08/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/08/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/12/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/07/91	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/05/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/13/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/17/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/92	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/11/92	--	--	--	--	--	--	--	--	--	--	--	--	--
11/17/92	--	--	--	--	--	--	--	--	--	--	--	--	--
11/29/92	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
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Former Chevron Service Station #9-1583
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WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
TRIP BLANK (cont)													
12/01/92	--	--	--	--	--	--	--	--	--	--	--	--	--
12/29/92	--	--	--	--	--	--	--	--	--	--	--	--	--
01/05/93	--	--	--	--	--	--	--	--	--	--	--	--	--
01/08/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/02/93	--	--	--	--	--	--	--	--	--	--	--	--	--
04/14/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/06/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/21/93	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/05/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/08/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/04/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/05/94	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/18/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/07/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
07/06/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/11/95	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/17/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
04/05/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/23/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/96	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
01/23/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/01/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/09/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/07/97	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/22/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/02/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/02/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/02/98	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
01/18/99	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
07/05/00	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
01/15/01	--	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
07/03/01	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--

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WELL ID/ DATE	TOC (fL)	GWE (msl)	DTW (ft)	SPHT (ft)	TPH-D (µg/L)	TPH-MO (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
QA													
02/28/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/08/02	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
01/01/03	--	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
07/14/03 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/12/04 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/27/04 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/25/05 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/26/05 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/24/06 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/25/06 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/23/07 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/24/07 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/22/08 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/22/08 ^B	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
01/13/09 ^B	--	--	--	--	--	--	<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 July 5, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet

GWE = Groundwater Elevation
(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbon Thickness

TPH-D = Total Petroleum Hydrocarbons as Diesel

TPH-MO = Total Petroleum Hydrocarbons as Motor Oil

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

TOG = Total Oil & Grease

(µg/L) = Micrograms per liter

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

¹ Laboratory report indicates an unidentified hydrocarbon.

² Confirmation run.

³ Laboratory report indicates gasoline C6-C12.

⁴ Laboratory report indicates motor oil C16-C36.

⁵ Laboratory report indicates unidentified hydrocarbons C9-C24.

⁶ Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.
The pattern more closely resembles that of a heavier fuel.

⁷ Laboratory report indicates unidentified hydrocarbons >C16.

⁸ BTEX and MTBE by EPA Method 8260.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
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	07/14/03	<50	--	5	--	--	--
	01/12/04	<50	--	61	--	--	--
	07/27/04	<50	--	54	--	--	--
	01/25/05	<50	--	5	--	--	--
	07/26/05	<50	--	25	--	--	--
	01/24/06	<50	--	25	--	--	--
	07/25/06	<50	--	14	--	--	--
	01/23/07	<50	--	17	--	--	--
	07/24/07	<50	--	7	--	--	--
	01/22/08	<50	--	8	--	--	--
	07/22/08	<50	--	<0.5	--	--	--
01/13/09	<50	--	2	--	--	--	
MW-2	07/14/03	<50	--	<0.5	--	--	--
	01/12/04	<50	--	<0.5	--	--	--
	07/27/04	<50	--	<0.5	--	--	--
	01/25/05	<50	--	<0.5	--	--	--
	07/26/05	<50	--	<0.5	--	--	--
	01/24/06	<50	--	<0.5	--	--	--
	07/25/06	<50	--	<0.5	--	--	--
	01/23/07	<50	--	<0.5	--	--	--
	07/24/07	<50	--	<0.5	--	--	--
	01/22/08	<50	--	<0.5	--	--	--
	07/22/08	<50	--	2	--	--	--
01/13/09	<50	--	<0.5	--	--	--	
MW-3	07/14/03	<50	--	43	--	--	--
	01/12/04	<50	--	2	--	--	--
	07/27/04	<50	--	41	--	--	--
	01/25/05	<50	--	27	--	--	--
	07/26/05	<50	--	12	--	--	--
	01/24/06	<50	--	0.8	--	--	--
	07/25/06	<50	--	23	--	--	--
	01/23/07	<50	--	2	--	--	--
07/24/07	<50	--	20	--	--	--	

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
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)	01/22/08	<50	--	<0.5	--	--	--
	07/22/08	<50	--	7	--	--	--
	01/13/09	<50	--	10	--	--	--
MW-4	07/14/03	SAMPLED ANNUALLY		--	--	--	--
	01/12/04	<50	--	<0.5	--	--	--
	01/25/05	<50	--	<0.5	--	--	--
	01/24/06	<50	--	<0.5	--	--	--
	01/23/07	<50	--	<0.5	--	--	--
	01/22/08	<50	--	<0.5	--	--	--
	01/13/09	<50	--	<0.5	--	--	--
MW-5	07/14/03	SAMPLED ANNUALLY		--	--	--	--
	01/12/04	<50	--	<0.5	--	--	--
	01/25/05	<50	--	<0.5	--	--	--
	01/24/06	<50	--	<0.5	--	--	--
	01/23/07	INACCESSIBLE - VEHICLE PARKED OVER WELL		--	--	--	--
	01/22/08	<50	--	<0.5	--	--	--
	01/13/09	<50	--	<0.5	--	--	--
MW-6	07/14/03	SAMPLED ANNUALLY		--	--	--	--
	01/12/04	<50	--	25	--	--	--
	01/25/05	<50	--	3	--	--	--
	01/24/06	<50	--	<0.5	--	--	--
	01/23/07	<50	--	8	--	--	--
	01/22/08	<50	--	4	--	--	--
	01/13/09	<50	--	6	--	--	--
MW-7	07/14/03	<50	--	20	--	--	--
	01/12/04	<50	--	27	--	--	--
	07/27/04	<50	--	44	--	--	--
	01/25/05	<50	--	34	--	--	--
	07/26/05	<50	--	19	--	--	--
	01/24/06	<50	--	18	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
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)	07/25/06	<50	--	19	--	--	--
	01/23/07	<50	--	15	--	--	--
	07/24/07	<50	--	24	--	--	--
	01/22/08	<50	--	12	--	--	--
	07/22/08	<50	--	25	--	--	--
	01/13/09	<50	--	7	--	--	--
MW-8	07/14/03	<50	--	58	--	--	--
	01/12/04	<50	--	110	--	--	--
	07/27/04	<50	--	89	--	--	--
	01/25/05	<50	--	52	--	--	--
	07/26/05	<50	--	23	--	--	--
	01/24/06	<50	--	31	--	--	--
	07/25/06	<50	--	20	--	--	--
	01/23/07	<50	--	26	--	--	--
	07/24/07	<50	--	30	--	--	--
	01/22/08	<50	--	27	--	--	--
	07/22/08	<50	--	21	--	--	--
	01/13/09	<50	--	14	--	--	--

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-1583
5509 Martin Luther King Way
Oakland, California

EXPLANATIONS:

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
($\mu\text{g/L}$) = Micrograms per liter
-- = Not Analyzed

ANALYTICAL METHODS:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1583 Job Number: 386506
 Site Address: 5509 Martin Luther King Way Event Date: 1-13-09 (inclusive)
 City: Oakland, CA Sampler: See

Well ID: MW-1
 Well Diameter: 21(3) in.
 Total Depth: 19.67 ft.
 Depth to Water: 10.01 ft.
9.66 xVF 0.32 = 3.67

Date Monitored: 1-13-09

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]: 11.94 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:	<u>0</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal
Product Transferred to:	_____

Start Time (purge): 1115 Weather Conditions: Hot
 Sample Time/Date: 1140 1-13-09 Water Color: clear Odor: Y10
 Approx. Flow Rate: 1.2 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 10.47

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>1126</u>	<u>4</u>	<u>7.35</u>	<u>1092</u>	<u>18.1</u>	_____	_____
<u>1130</u>	<u>8</u>	<u>7.25</u>	<u>1096</u>	<u>17.8</u>	_____	_____
<u>1134</u>	<u>11.5</u>	<u>7.27</u>	<u>1089</u>	<u>17.6</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-1</u>	<u>4</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>x1 liter ambers</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-MO(8015)</u>

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1583 Job Number: 386506
 Site Address: 5509 Martin Luther King Way Event Date: 1-13-09 (inclusive)
 City: Oakland, CA Sampler: Joe

Well ID: MW-2 Date Monitored: 1-13-09
 Well Diameter: 20 in.
 Total Depth: 18.82 ft.
 Depth to Water: 10.38 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.

8.44 xVF 0.38 = 3.21 x3 case volume = Estimated Purge Volume: 10 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.06

Purge Equipment:

Disposable Bailer _____
 Stainless Steel Bailer _____
 Stack Pump ✓
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:

Disposable Bailer _____
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1000 Weather Conditions: clear
 Sample Time/Date: 1025/1-13-09 Water Color: clear Odor: Y 10
 Approx. Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 10.79

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°/F)	D.O. (mg/L)	ORP (mV)
<u>1008</u>	<u>3.5</u>	<u>7.62</u>	<u>960</u>	<u>18.2</u>		
<u>1012</u>	<u>7</u>	<u>7.50</u>	<u>973</u>	<u>18.0</u>		
<u>1016</u>	<u>10</u>	<u>7.48</u>	<u>977</u>	<u>17.9</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-2</u>	<u>4</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)</u>
	<u>x 1 liter amber</u>	<u>YES</u>	<u>NP</u>	<u>LANCASTER</u>	<u>TPH-MO(8015)</u>

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1583 Job Number: 386506
 Site Address: 5509 Martin Luther King Way Event Date: 1-13-09 (inclusive)
 City: Oakland, CA Sampler: Joe

Well ID: MW-3
 Well Diameter: 2 1/8 in.
 Total Depth: 19.46 ft.
 Depth to Water: 11.56 ft.

Date Monitored: 1-13-09

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]: 13.14
 xVF = 0.20 = 3.00 x3 case volume = Estimated Purge Volume: 9.5 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 / Absorbent Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 1035 Weather Conditions: clear
 Sample Time/Date: 1105 1-13-09 Water Color: clear Odor: Y 10
 Approx. Flow Rate: 1 gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.54

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - US)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1042</u>	<u>3</u>	<u>7.41</u>	<u>1093</u>	<u>17.5</u>	_____	_____
<u>1047</u>	<u>6</u>	<u>7.35</u>	<u>1115</u>	<u>17.4</u>	_____	_____
<u>1053</u>	<u>9.5</u>	<u>7.29</u>	<u>1121</u>	<u>17.6</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	x 1 liter ambers	YES	NP	LANCASTER	TPH-MO(8015)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1583 Job Number: 386506
 Site Address: 5509 Martin Luther King Way Event Date: 1-13-09 (inclusive)
 City: Oakland, CA Sampler: See

Well ID: MW-4 Date Monitored: 1-13-09
 Well Diameter: (2) 13 in.
 Total Depth: 26.19 ft.
 Depth to Water: 12.68 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]: 15.38
 xVF 0.17 = 2.30 x3 case volume = Estimated Purge Volume: 7 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): 0912 Weather Conditions: clear
 Sample Time/Date: 0945 1-13-09 Water Color: clear Odor: Y 1 R
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 13.41

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - 10)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0920</u>	<u>2.5</u>	<u>7.82</u>	<u>1191</u>	<u>17.2</u>	_____	_____
<u>0927</u>	<u>5</u>	<u>7.37</u>	<u>1237</u>	<u>17.8</u>	_____	_____
<u>0933</u>	<u>7</u>	<u>7.43</u>	<u>1233</u>	<u>17.4</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-4</u>	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	<u>1</u> liter ambers	YES	NP	LANCASTER	TPH-MO (8015)

COMMENTS: _____

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1583 Job Number: 386506
 Site Address: 5509 Martin Luther King Way Event Date: 1-13-09 (inclusive)
 City: Oakland, CA Sampler: See

Well ID: MW-5
 Well Diameter: 213 in.
 Total Depth: 19.10 ft.
 Depth to Water: 10.26 ft.
8.84 x VF 0.17 = 1.50

Date Monitored: 1-13-09

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]: 12.02
 x3 case volume = Estimated Purge Volume: 4.5 gal.

Purge Equipment:
 Disposable Bailer
 Stainless Steel Bailer _____
 Stack Pump _____
 Suction Pump _____
 Grundfos _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Sampling Equipment:
 Disposable Bailer
 Pressure Bailer _____
 Discrete Bailer _____
 Peristaltic Pump _____
 QED Bladder Pump _____
 Other: _____

Time Started: _____ (2400 hrs)
 Time Completed: _____ (2400 hrs)
 Depth to Product: _____ ft
 Depth to Water: _____ ft
 Hydrocarbon Thickness: 0 ft
 Visual Confirmation/Description: _____
 Skimmer / Absorbant Sock (circle one)
 Amt Removed from Skimmer: _____ gal
 Amt Removed from Well: _____ gal
 Water Removed: _____
 Product Transferred to: _____

Start Time (purge): 0742 Weather Conditions: clear
 Sample Time/Date: 0818 1-13-09 Water Color: clear Odor: YIP
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 11.19

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm @ 25°C)	Temperature (°D / °F)	D.O. (mg/L)	ORP (mV)
<u>0750</u>	<u>1.5</u>	<u>7.21</u>	<u>1414</u>	<u>17.8</u>		
<u>0758</u>	<u>3</u>	<u>7.31</u>	<u>1387</u>	<u>18.0</u>		
<u>0800</u>	<u>4.5</u>	<u>7.30</u>	<u>1382</u>	<u>18.2</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	x 1 liter ambers	YES	NP	LANCASTER	TPH-MO (8015)

COMMENTS: _____

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



GETTLER-RYAN Inc.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1583 Job Number: 386506
 Site Address: 5509 Martin Luther King Way Event Date: 1-13-09 (inclusive)
 City: Oakland, CA Sampler: Jac

Well ID: MW-6
 Well Diameter: 213 in.
 Total Depth: 19.67 ft.
 Depth to Water: 9.87 ft.
9.80 xVF 0.17 = 1.67

Date Monitored: 1-13-09

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]: 11.83 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:	<u>0</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbent Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal
Product Transferred to:	_____

Start Time (purge): 0836 Weather Conditions: clear
 Sample Time/Date: 0900 1-13-09 Water Color: clear Odor: Y1N
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 10.67

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0843</u>	<u>1.5</u>	<u>6.97</u>	<u>1266</u>	<u>17.8</u>	_____	_____
<u>0849</u>	<u>3</u>	<u>6.87</u>	<u>1271</u>	<u>18.0</u>	_____	_____
<u>0855</u>	<u>5</u>	<u>6.84</u>	<u>1268</u>	<u>17.9</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	x 1 liter ambers	YES	NP	LANCASTER	TPH-MO (8015)

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1583 Job Number: 386506
 Site Address: 5509 Martin Luther King Way Event Date: 1-13-09 (inclusive)
 City: Oakland, CA Sampler: Joe

Well ID: MW-7
 Well Diameter: 2.13 in.
 Total Depth: 19.43 ft.
 Depth to Water: 12.51 ft.
6.92 xVF 0.17 = 11.76 x3 case volume = Estimated Purge Volume: 34 gal.

Date Monitored: 1-13-09

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]: 13.89

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): 1150 Weather Conditions: clear
 Sample Time/Date: 12:18 1-13-09 Water Color: Rusty Odor: 11 faint
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 12.18

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1156</u>	<u>1</u>	<u>6.72</u>	<u>854</u>	<u>17.5</u>	_____	_____
<u>1200</u>	<u>2.5</u>	<u>6.65</u>	<u>853</u>	<u>17.4</u>	_____	_____
<u>1207</u>	<u>4</u>	<u>6.71</u>	<u>850</u>	<u>17.6</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-7</u>	<u>6</u> x vov vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	<u>2</u> x 1 liter ambers	YES	NP	LANCASTER	TPH-MO (8015)

COMMENTS:

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



GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1583 Job Number: 386506
 Site Address: 5509 Martin Luther King Way Event Date: 1-13-09 (inclusive)
 City: Oakland, CA Sampler: See

Well ID: MW-8 Date Monitored: 1-13-09
 Well Diameter: 213 in.
 Total Depth: 17.08 ft.
 Depth to Water: 11.58 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]: 12.68
 xVF 0.17 = 0.94 x3 case volume = Estimated Purge Volume: 3 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: 6 ft
 Hydrocarbon Thickness: _____ 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): 1230 Weather Conditions: clear
 Sample Time/Date: 1230 1-13-09 Water Color: clear Odor: 1 N moderate
 Approx. Flow Rate: _____ gpm. Sediment Description: _____
 Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 11.73

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - <u>15</u>)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>1237</u>	<u>1</u>	<u>7.08</u>	<u>746</u>	<u>18.0</u>	_____	_____
<u>1240</u>	<u>2</u>	<u>6.85</u>	<u>725</u>	<u>17.7</u>	_____	_____
<u>1245</u>	<u>3</u>	<u>6.88</u>	<u>7.33</u>	<u>17.2</u>	_____	_____

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-8</u>	<u>6</u> x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ETHANOL(8260)
	<u>1</u> x 1 liter ambers	YES	NP	LANCASTER	TPH-MO (8015)

COMMENTS: _____

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

ANALYTICAL RESULTS

Prepared for:

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

916-677-3407

Prepared by:

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

RECEIVED

JAN 26 2009

GETTLER-RYAN INC.
GENERAL CONTRACTORSSAMPLE GROUP

The sample group for this submittal is 1128005. Samples arrived at the laboratory on Wednesday, January 14, 2009. The PO# for this group is 91583 and the release number is MTI.

Client Description

QA-T-090113 NA Water
MW-1-W-090113 Grab Water
MW-2-W-090113 Grab Water
MW-3-W-090113 Grab Water
MW-4-W-090113 Grab Water
MW-5-W-090113 Grab Water
MW-6-W-090113 Grab Water
MW-7-W-090113 Grab Water
MW-8-W-090113 Grab Water

Lancaster Labs Number

5576343
5576344
5576345
5576346
5576347
5576348
5576349
5576350
5576351

ELECTRONIC Gettler-Ryan, Inc.
COPY TO

Attn: Cheryl Hansen



Analysis Report

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Marla S. Lord".

Marla S. Lord
Senior Specialist



Analysis Report

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Lancaster Laboratories Sample No. **WW5576343**

Group No. **1128005**

QA-T-090113 NA Water
Facility# 91583 Job# 386506 MTI# 61H-1960 GRD
5509 MLK Way-Oakland T0600100348 QA
Collected:01/13/2009

Account Number: 12099

Submitted: 01/14/2009 09:00
Reported: 01/26/2009 at 13:25
Discard: 02/26/2009

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

1583Q

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	ug/l	1
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 N. CA water C6-C12	SW-846 8015B	1	01/16/2009 18:54	Katrina T Longenecker	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	01/22/2009 10:45	Anita M Dale	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/16/2009 18:54	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/22/2009 10:45	Anita M Dale	1



Analysis Report

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Lancaster Laboratories Sample No. **WW5576344**

Group No. **1128005**

MW-1-W-090113 Grab Water

Facility# 91583 Job# 386506 MTI# 61H-1960 GRD

5509 MLK Way-Oakland T0600100348 MW-1

Collected: 01/13/2009 11:40 by JA

Account Number: 12099

Submitted: 01/14/2009 09:00

Reported: 01/26/2009 at 13:25

Discard: 02/26/2009

Chevron c/o CRA

Suite 110

2000 Opportunity Drive

Roseville CA 95678

15831

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	2	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	01/16/2009 19:15	Katrina T Longenecker	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	01/20/2009 00:36	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/16/2009 19:15	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 00:36	Michael A Ziegler	1



Analysis Report

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Page 1 of 1

Lancaster Laboratories Sample No. WW5576345

Group No. 1128005

MW-2-W-090113 Grab Water

Facility# 91583 Job# 386506 MTI# 61H-1960 GRD

5509 MLK Way-Oakland T0600100348 MW-2

Collected: 01/13/2009 10:25 by JA

Account Number: 12099

Submitted: 01/14/2009 09:00

Chevron c/o CRA

Reported: 01/26/2009 at 13:25

Suite 110

Discard: 02/26/2009

2000 Opportunity Drive

Roseville CA 95678

15832

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

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	01/16/2009 19:37	Katrina T Longenecker	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	01/20/2009 01:00	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/16/2009 19:37	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 01:00	Michael A Ziegler	1



Analysis Report

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Lancaster Laboratories Sample No. WW5576346

Group No. 1128005

MW-3-W-090113 Grab Water

Facility# 91583 Job# 386506 MTI# 61H-1960 GRD

5509 MLK Way-Oakland T0600100348 MW-3

Collected: 01/13/2009 11:05 by JA

Account Number: 12099

Submitted: 01/14/2009 09:00

Reported: 01/26/2009 at 13:25

Discard: 02/26/2009

Chevron c/o CRA

Suite 110

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15833

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	10	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	01/16/2009 19:59	Katrina T Longenecker	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	01/20/2009 01:25	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/16/2009 19:59	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 01:25	Michael A Ziegler	1



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Lancaster Laboratories Sample No. WW5576347

Group No. 1128005

MW-4-W-090113 Grab Water

Facility# 91583 Job# 386506 MTI# 61H-1960 GRD

5509 MLK Way-Oakland T0600100348 MW-4

Collected: 01/13/2009 09:45 by JA

Account Number: 12099

Submitted: 01/14/2009 09:00

Reported: 01/26/2009 at 13:25

Discard: 02/26/2009

Chevron c/o CRA

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2000 Opportunity Drive

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15834

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

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	01/16/2009 20:21	Katrina T Longenecker	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	01/20/2009 01:50	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/16/2009 20:21	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 01:50	Michael A Ziegler	1



Analysis Report

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Lancaster Laboratories Sample No. WW5576348

Group No. 1128005

MW-5-W-090113 Grab Water
Facility# 91583 Job# 386506 MTI# 61H-1960 GRD
5509 MLK Way-Oakland T0600100348 MW-5
Collected: 01/13/2009 08:18 by JA

Account Number: 12099

Submitted: 01/14/2009 09:00
Reported: 01/26/2009 at 13:25
Discard: 02/26/2009

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

15835

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	01/16/2009 20:42	Katrina T Longenecker	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	01/20/2009 02:15	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/16/2009 20:42	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 02:15	Michael A Ziegler	1



Analysis Report

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Lancaster Laboratories Sample No. WW5576349

Group No. 1128005

MW-6-W-090113 Grab Water
Facility# 91583 Job# 386506 MTI# 61H-1960 GRD
5509 MLK Way-Oakland T0600100348 MW-6
Collected: 01/13/2009 09:00 by JA

Account Number: 12099

Submitted: 01/14/2009 09:00
Reported: 01/26/2009 at 13:25
Discard: 02/26/2009

Chevron c/o CRA
Suite 110
2000 Opportunity Drive
Roseville CA 95678

15836

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	ug/l	1
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	6	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	01/16/2009 21:04	Katrina T Longenecker	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	01/20/2009 02:40	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/16/2009 21:04	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 02:40	Michael A Ziegler	1



Analysis Report

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Lancaster Laboratories Sample No. **WW5576350** Group No. **1128005**

MW-7-W-090113 Grab Water
 Facility# 91583 Job# 386506 MTI# 61H-1960 GRD
 5509 MLK Way-Oakland T0600100348 MW-7
 Collected: 01/13/2009 12:18 by JA

Account Number: 12099

Submitted: 01/14/2009 09:00
 Reported: 01/26/2009 at 13:25
 Discard: 02/26/2009

Chevron c/o CRA
 Suite 110
 2000 Opportunity Drive
 Roseville CA 95678

15837

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
02500	TPH Fuels by GC (Waters)					
02501	Total TPH	n.a.	1,400	39	ug/l	1
02508	TPH Motor Oil C16-C36	n.a.	1,400	39	ug/l	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	7	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	01/16/2009 21:26	Katrina T Longenecker	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	01/16/2009 02:06	Heather E Williams	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	01/20/2009 03:06	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/16/2009 21:26	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 03:06	Michael A Ziegler	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	01/15/2009 11:00	Jessica Agosto	1



Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. **WW5576351** Group No. **1128005**

MW-8-W-090113 Grab Water
 Facility# 91583 Job# 386506 MTI# 61H-1960 GRD
 5509 MLK Way-Oakland T0600100348 MW-8
 Collected: 01/13/2009 13:00 by JA

Account Number: 12099

Submitted: 01/14/2009 09:00
 Reported: 01/26/2009 at 13:25
 Discard: 02/26/2009

Chevron c/o CRA
 Suite 110
 2000 Opportunity Drive
 Roseville CA 95678

15838

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	360	50	ug/l	1
02500	TPH Fuels by GC (Waters)					
02501	Total TPH	n.a.	62	39	ug/l	1
02508	TPH Motor Oil C16-C36	n.a.	62	39	ug/l	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
06067	BTEX, MTBE, ETOH					
01587	Ethanol	64-17-5	N.D.	50	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	14	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	01/16/2009 21:48	Katrina T Longenecker	1
02500	TPH Fuels by GC (Waters)	SW-846 8015B modified	1	01/15/2009 22:53	Heather E Williams	1
06067	BTEX, MTBE, ETOH	SW-846 8260B	1	01/20/2009 03:30	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	01/16/2009 21:48	Katrina T Longenecker	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 03:30	Michael A Ziegler	1
07003	Extraction - DRO (Waters)	SW-846 3510C	1	01/15/2009 11:00	Jessica Agosto	1

Quality Control Summary

 Client Name: Chevron c/o CRA
 Reported: 01/26/09 at 01:25 PM

Group Number: 1128005

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: 090140026A	Sample number(s): 5576350-5576351							
Total TPH	N.D.	40.	ug/l	90	93	60-120	3	20
TPH Motor Oil C16-C36	N.D.	40.	ug/l					
Batch number: 09015D20A	Sample number(s): 5576343-5576351							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	100	75-135	0	30
Batch number: F090221AA	Sample number(s): 5576343							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	91	92	73-119	1	30
Benzene	N.D.	0.5	ug/l	89	88	78-119	2	30
Toluene	N.D.	0.5	ug/l	101	97	85-115	5	30
Ethylbenzene	N.D.	0.5	ug/l	101	97	82-119	4	30
Xylene (Total)	N.D.	0.5	ug/l	102	100	83-113	2	30
Batch number: Z090193AA	Sample number(s): 5576344-5576351							
Ethanol	N.D.	50.	ug/l	104	107	45-156	3	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96	97	73-119	1	30
Benzene	N.D.	0.5	ug/l	103	105	78-119	2	30
Toluene	N.D.	0.5	ug/l	106	106	85-115	0	30
Ethylbenzene	N.D.	0.5	ug/l	102	103	82-119	1	30
Xylene (Total)	N.D.	0.5	ug/l	104	105	83-113	1	30

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: 09015D20A	Sample number(s): 5576343-5576351 UNSPK: P576357								
TPH-GRO N. CA water C6-C12	118		63-154						
Batch number: F090221AA	Sample number(s): 5576343 UNSPK: P579482								
Methyl Tertiary Butyl Ether	95		69-127						
Benzene	94		83-128						
Toluene	101		83-127						
Ethylbenzene	99		82-129						
Xylene (Total)	103		82-130						
Batch number: Z090193AA	Sample number(s): 5576344-5576351 UNSPK: P574345								
Ethanol	83		32-164						
Methyl Tertiary Butyl Ether	98		69-127						
Benzene	110		83-128						

* - 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 c/o CRA
 Reported: 01/26/09 at 01:25 PM

Group Number: 1128005

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
Toluene	111		83-127						
Ethylbenzene	107		82-129						
Xylene (Total)	110		82-130						

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 Fuels by GC (Waters)

Batch number: 090140026A

	Chlorobenzene	Orthoterphenyl
5576350	68	77
5576351	111	85
Blank	93	81
LCS	98	89
LCSD	98	92
Limits:	28-152	52-131

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

Batch number: 09015D20A

	Trifluorotoluene-F
5576343	96
5576344	95
5576345	95
5576346	95
5576347	97
5576348	94
5576349	95
5576350	96
5576351	98
Blank	94
LCS	122
LCSD	120
MS	116
Limits:	63-135

Analysis Name: BTEX+MTBE by 8260B

Batch number: F090221AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5576343	90	86	96	92
Blank	91	85	95	91
LCS	88	83	94	92
LCSD	91	87	96	96
MS	91	87	96	94

*- 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 c/o CRA
Reported: 01/26/09 at 01:25 PM

Group Number: 1128005

Surrogate Quality Control

Limits:	80-116	77-113	80-113	78-113
Analysis Name: BTEX, MTBE, ETOH				
Batch number: Z090193AA				
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5576344	93	99	98	93
5576345	93	98	100	94
5576346	92	98	101	94
5576347	92	98	100	93
5576348	93	101	101	94
5576349	93	99	101	93
5576350	92	100	99	94
5576351	92	98	101	100
Blank	94	101	101	96
LCS	94	101	102	96
LCSD	94	101	102	96
MS	95	102	102	97
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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