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

December 10, 2009
(date)

Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Chevron Facility #_9-0019_____

Address: 210 Grand Avenue, Oakland, California_____

I have reviewed the attached report titled *Second Semi-Annual 2009 Groundwater Monitoring Report*_____ and dated December 10, 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,

SH Frerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

CONESTOGA-ROVERS
& ASSOCIATES

10969 Trade Center Drive, Suite 106, Rancho Cordova, CA 95670
Telephone: 916-889-8900 Facsimile: 916-889-8999
www.CRAworld.com

December 10, 2009 Reference No. 632327

Mr. Mark Detterman, PG, CEG
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Second Semi-Annual 2009 Groundwater Monitoring Report
Former Chevron Service Station No. 9-0019
210 Grand Avenue
Oakland, California
LOP Case #RO0000137

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) to Alameda County Environmental Health (ACEH) on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. The report (prepared by Gettler-Ryan Inc. and dated October 8, 2009) presents the results of the second semi-annual 2009 monitoring event. Monitoring of wells MW-4 and MW-5 is performed on a semi-annual basis during the first and third quarters. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the second semi-annual 2009 analytical results along with a rose diagram. The monitoring results during 2009 are discussed below.

During 2009, petroleum hydrocarbon concentrations in the wells generally were similar to or less than those observed during 2008. Total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tertiary butyl ether (MTBE) were not detected in well MW-4 during 2009, and generally have not been detected in this well since the mid-1990s. Elevated concentrations of TPHg (25,000 micrograms per liter [µg/L]), benzene (450 µg/L), toluene (1,600 µg/L), ethylbenzene (2,000 µg/L), and xylenes (6,000 µg/L) were detected in well MW-5 during the first quarter event (March 2009). However, in accordance with the August 13, 2008 *Oxygen Injection Work Plan* (work plan), bi-weekly oxygen injection into well MW-5 was initiated in May 2009 in an attempt to reduce concentrations in this well via enhanced biodegradation. The work plan was implemented as a response had not been received from ACEH. During the third quarter event (September 2009), significantly lower concentrations of TPHg (990 µg/L), benzene (38 µg/L), toluene (30 µg/L), ethylbenzene (28 µg/L), and xylenes (120 µg/L) were detected in well MW-5. MTBE was not detected in well MW-5 during 2009, and has not been detected in this well since 2002.

Based on the analytical results, impacted groundwater remains beneath the site in the area of well MW-5. Based on the historical monitoring data, the extent of impacted groundwater

CONESTOGA-ROVERS
& ASSOCIATES

December 10, 2009 Reference No. 632327

appears to be localized to the area of well MW-5 and the plume appears stable. As significantly lower TPHg and BTEX concentrations were detected during the third quarter event, it appears that the oxygen injection, which was recently discontinued after six months, was effective at reducing concentrations in well MW-5. CRA recommends continued monitoring and sampling to further evaluate groundwater quality and concentration trends. If significant rebound does not occur and concentrations remain low in well MW-5, case closure appears to be warranted and a closure request will be prepared and submitted to ACEH.

Please contact Mr. James Kiernan at (916) 889-8917 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Kelly M. Rider

James P. Kiernan, PE #C68498

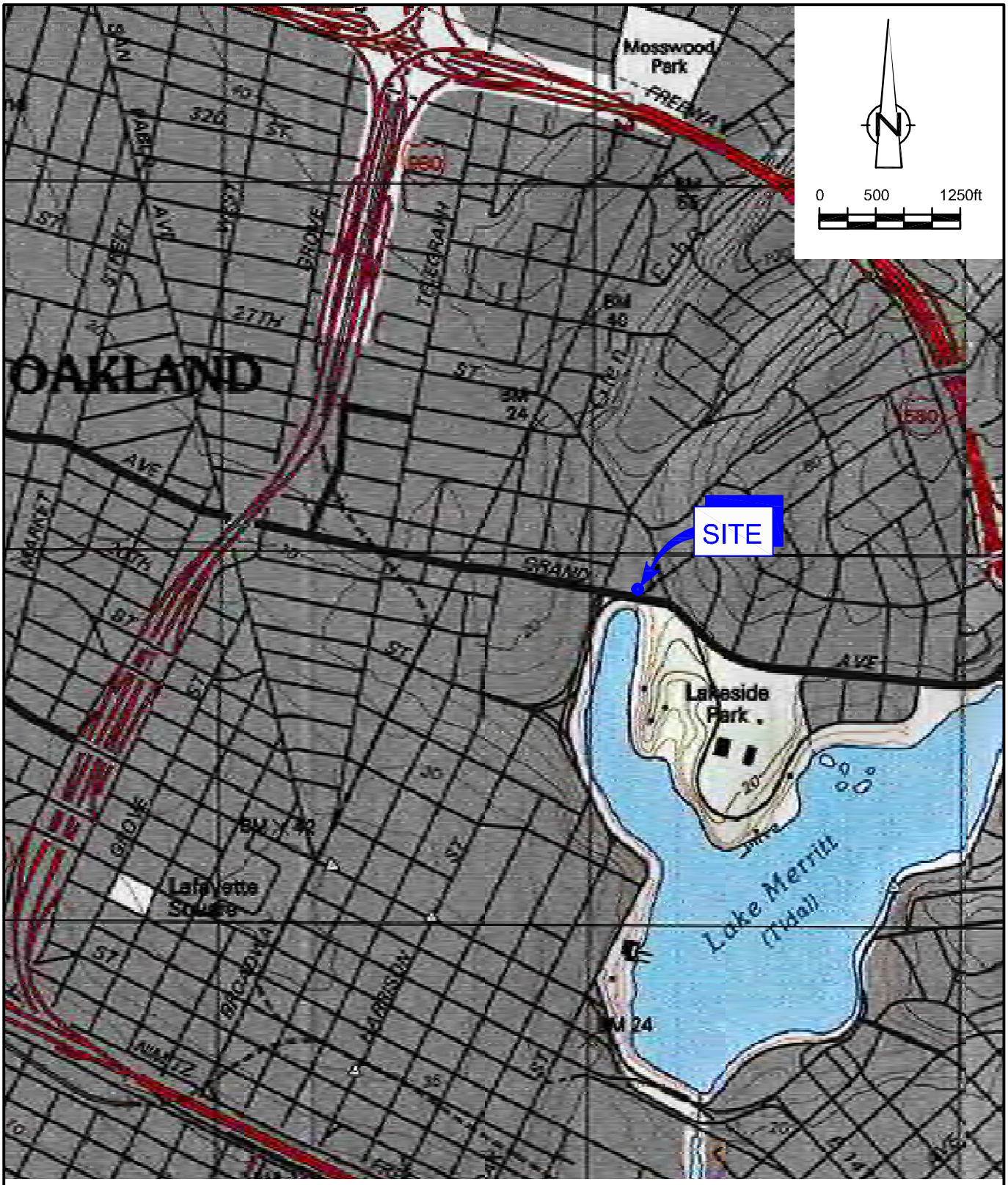
REGISTERED PROFESSIONAL ENGINEER
JAMES P. KIERNAN
No. 68498
Exp. 9/30/11
CIVIL
STATE OF CALIFORNIA

KR/jt/4
Encl.

Figure 1	Vicinity Map
Figure 2	Concentration Map – September 16, 2009
Attachment A	Groundwater Monitoring and Sampling Report

cc: Ms. Stacie Frerichs, Chevron Environmental Management Company
Mr. Ron Basarich, CEDA Real Estate City of Oakland

FIGURES



SOURCE: TOPO! MAPS.

figure 1

VICINITY MAP
FORMER CHEVRON SERVICE STATION 9-0019
210 GRAND AVENUE
Oakland, California

OAKLAND
CALIFORNIA

632327-122(004)GN-WA001 DEC 08/2009

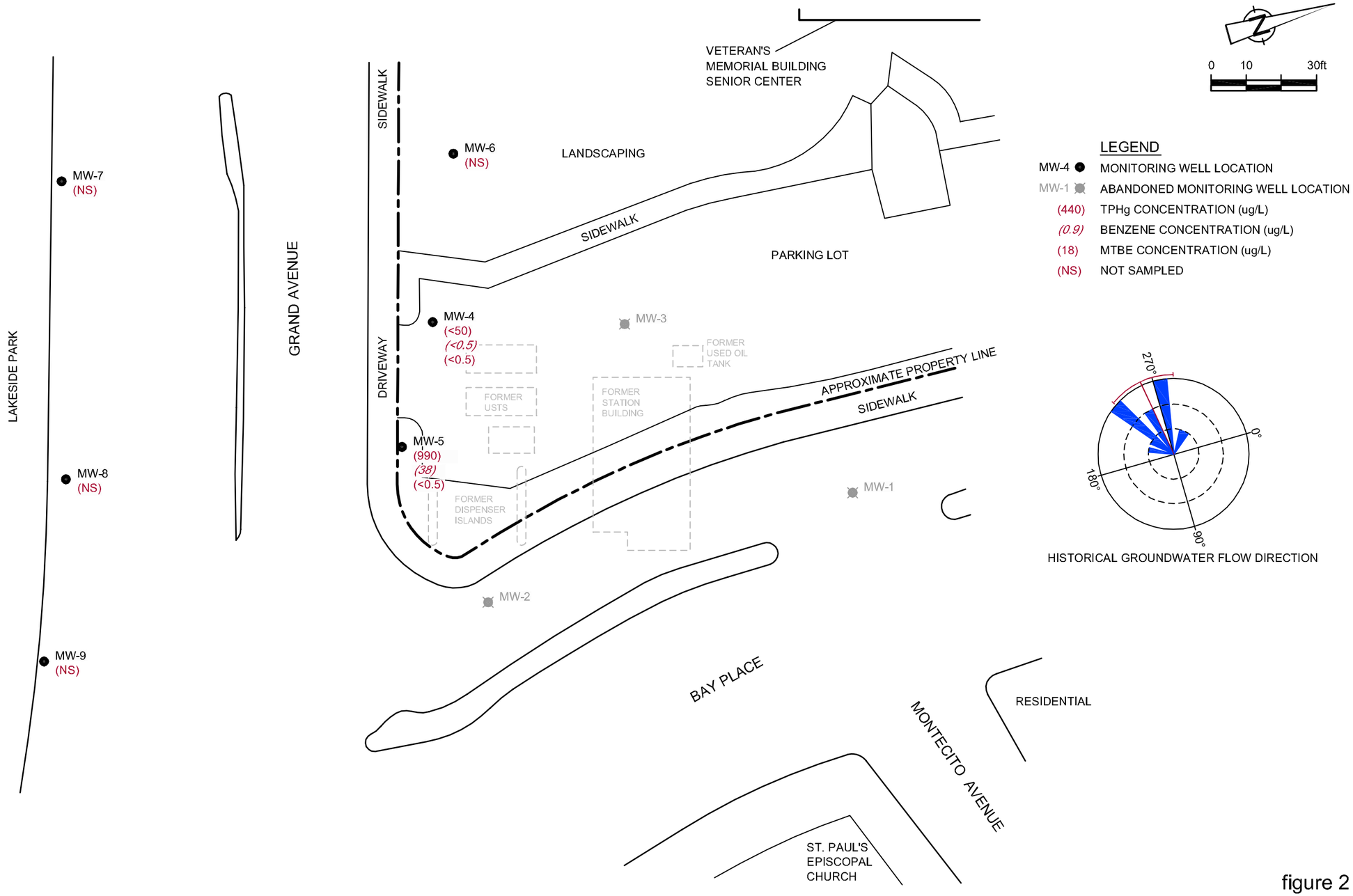


figure 2

CONCENTRATION MAP - SEPTEMBER 16, 2009
FORMER CHEVRON SERVICE STATION 9-0019
210 GRAND AVENUE
Oakland, California

BASEMAP MODIFIED FROM DRAWING PROVIDED BY GETTLER-RYAN

632327-122(004)GN-WA002 DEC 08/2009

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT

GETTLER-RYAN INC.

TRANSMITTAL

October 16, 2009
G-R #386500

TO: Mr. James Kiernan
Conestoga-Rovers & Associates
10969 Trade Center Dr, Suite 107
Rancho Cordova, CA 95670
(VIA PDF)

CC: Ms. Stacie H. Frerichs
Chevron Environmental
Management Company
6111 Bollinger Canyon Road,
Room 3596
San Ramon, California 94583
(VIA PDF)

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

RE: Former Chevron Service Station
#9-0019 (MTI)
210 Grand Avenue
Oakland, California
RO 0000137

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 8, 2009	Groundwater Monitoring and Sampling Report **Second Semi-Annual Event of September 16, 2009**

COMMENTS:

This report is being sent for your review. Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to ***October 28, 2009***, at which time this final report will be distributed to the following:

cc: Mr. Mark Detterman, 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. Ron Basarich, CEDA Real Estate City of Oakland, 250 Frank Ogawa Plaza, Suite 4314, Oakland, California 94612-2033

Enclosures

trans/9-0019-SHF

Chevron

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

Oct. 16, 2009
(date)

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

Re: Chevron Facility # 9-0019

Address: 210 Grand Ave., Oakland, California

I have reviewed the attached routine groundwater monitoring report dated October 16, 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,

SHFrerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-0019
Site Address: 210 Grand Avenue
City: Oakland, CA

Job # 386500
Event Date: 9-16-09
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-4	O.K	O.K	O.K	O.K	O.K	O.K	O.K	N	N	12" Diversified /2	No
MW-5	↓	↓	↓	↓	↓	↓	↓	↓	↓	12" Emco /2	↓
MW-6	↓	↓	↓	↓	↓	↓	↓	↓	↓	8" Boart L.13	↓
MW-7	↓	N/A	N/A	N/A	↓	↓	↓	↓	↓	8" Monument box	↓

Comments

GETTLER-RYAN INC.

October 8, 2009
G-R Job #386500

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

RE: Second Semi-Annual Event of September 16, 2009
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-0019
210 Grand Avenue
Oakland, California

Dear Ms. 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.

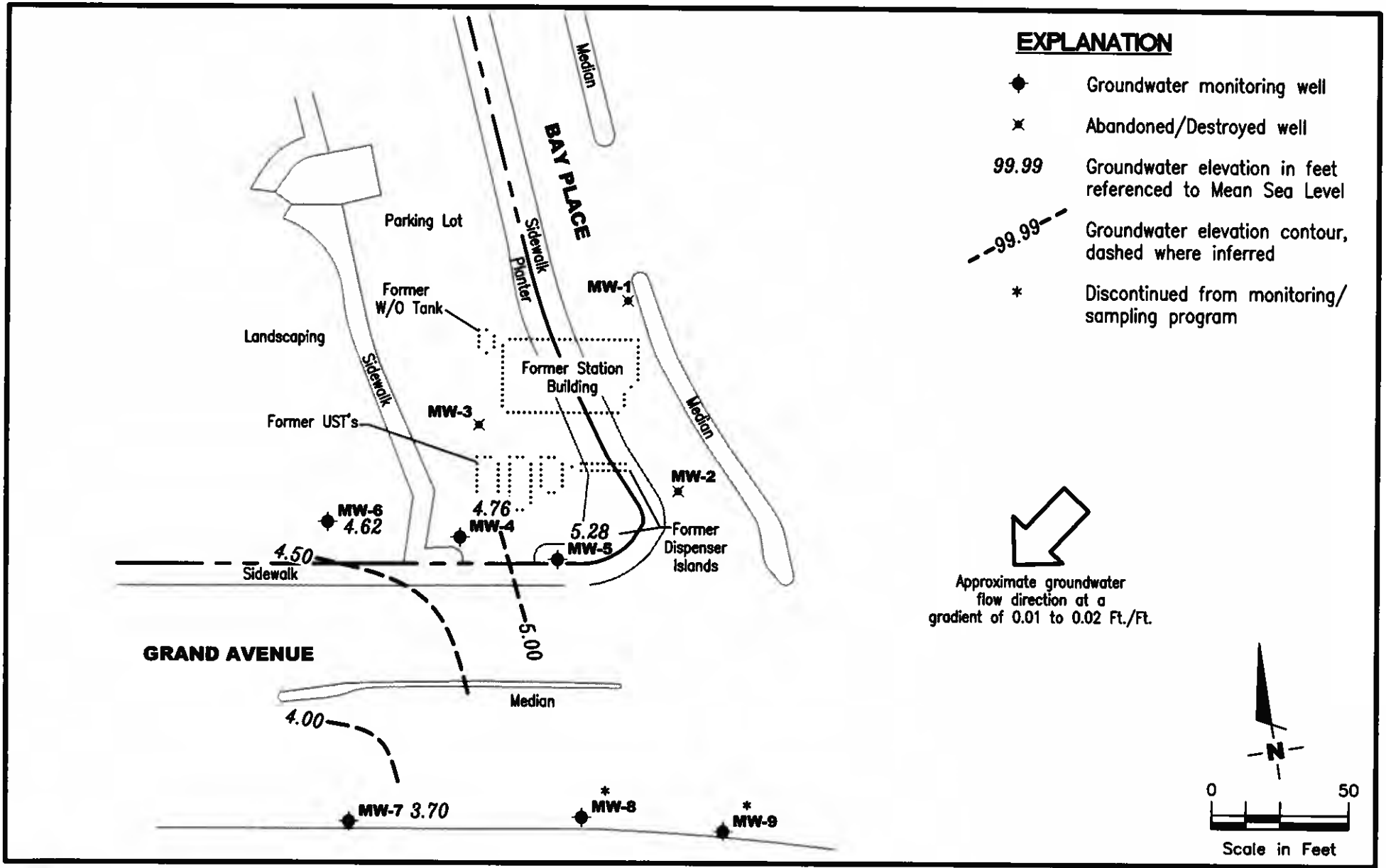
Sincerely,

Deanna L. Harding
Project Coordinator

PROFESSIONAL GEOLOGIST
DOUGLAS J. LEE
No. 6682
STATE OF CALIFORNIA

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

Figure 1: Potentiometric Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Dissolved Oxygen Concentrations
Table 3: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports



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

POTENTIOMETRIC MAP
Former Chevron Service Station #9-0019
210 Grand Avenue
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386500		September 16, 2009	

FILE NAME: P:\Enviro\Chevron\9-0019\Q09-9-0019.dwg | Layout Tab: Pot3

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-4																	
03/14/89	7.60	2.08	5.52	3,000	810	200	30	130	--	<3,000	<20	<5.0	<20	<5.0	--	--	--
06/08/89	7.60	3.41	4.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/09/89	7.60	--	--	900	440	13	22	40	--	--	<20	<5.0	60	<5.0	--	--	--
09/14/89	7.60	2.80	4.80	540	220	2.0	6.1	9.3	--	--	<1.0	2.3	<1.0	<0.2	--	--	--
12/08/89	7.60	2.74	4.86	150	18	<0.3	1.0	<0.6	--	--	<0.5	1.9	--	<0.5	--	--	--
03/19/90	7.60	2.95	4.65	270	50	<0.3	0.7	<0.6	--	--	<0.5	0.8	--	<0.5	--	--	--
07/06/90	7.59	1.17	6.42	140	0.7	<0.3	0.5	<0.6	--	--	<0.5	0.79	--	<0.5	--	--	--
10/03/90	7.59	1.20	6.39	180	<0.3	<0.3	2.0	<0.6	--	--	<0.5	0.5	--	<0.5	--	--	--
08/23/91	7.59	3.17	4.42	400	9.9	6.8	3.1	7.1	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	7.59	2.21	5.38	130	3.4	1.3	3.5	6.0	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	7.59	4.94	2.65	520	15	2.7	6.1	8.6	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	7.59	3.63	3.96	460	20	2.8	5.0	6.9	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	7.59	2.91	4.68	160	1.1	1.7	0.8	2.8	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	7.59	3.96	3.63	110	0.7	0.5	0.9	1.7	--	--	--	--	--	--	--	--	--
03/22/93	7.59	4.69	2.90	930	9.0	3.0	7.0	8.0	--	--	--	--	--	--	--	--	--
06/07/93	7.59	3.70	3.89	240	2.0	0.9	3.0	3.0	--	--	--	--	--	--	--	--	--
09/10/93	7.59	3.07	4.52	<50	<0.5	<0.5	0.8	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	7.59	4.44	3.15	550	3.0	3.0	8.0	12	--	--	--	--	--	--	--	--	--
06/16/94	7.59	3.51	4.08	150	<0.5	0.6	1.5	0.7	--	--	--	--	--	--	--	--	--
09/08/94	7.59	3.04	4.55	<50	<0.5	<0.5	<0.5	1.2	--	--	--	--	--	--	--	--	--
11/29/94	7.59	4.74	2.85	130	<0.5	1.1	<0.5	0.58	--	--	--	--	--	--	--	--	--
03/21/95	7.59	5.89	1.70	720	2.2	<2.0	5.9	<2.0	--	--	--	--	--	--	--	--	--
06/27/95	7.59	4.21	3.38	100	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	7.59	3.84	3.75	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/29/95	7.59	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/10/96	7.59	3.71	3.88	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/19/96	7.59	2.53	5.06	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
03/22/97	7.59	3.42	4.17	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/29/97	10.03	5.76	4.27	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
09/12/97	10.03	5.61	4.42	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/05/97	10.03	5.57	4.46	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
02/21/98	10.03	5.92	4.11	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
08/17/98	10.03	5.61	4.42	120	5.4	7.8	3.0	28	7.4	--	--	--	--	--	--	--	--
03/11/99	10.03	5.69	4.34	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--	--
09/28/99	10.03	4.50	5.53	<50	<0.5	0.69	<0.5	0.901	<5.0	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloroform (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-4 (cont)																		
03/14/00		10.03	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/29/00		10.03	4.71	5.32	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
03/21/01		10.03	5.11	4.92	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
09/10/01[4]		10.03	4.65	5.38	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
03/06/02[4]		10.03	5.06	4.97	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
09/14/02[4]		10.03	4.86	5.17	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
03/28/03[5]		10.03	4.85	5.18	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--	--	--	--	--	--
09/02/03[4,6]		10.03	4.53	5.50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/26/04[4,6]		10.03	5.22	4.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/13/04[6,7]		10.03	4.83	5.20	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/02/05[6]		10.03	6.13	3.90	<50	<0.5	1	<0.5	2	<0.5	--	--	--	--	--	--	--	--
09/22/05[6]		10.03	5.56	4.47	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/30/06[6]		10.03	6.42	3.61	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
08/28/06[6]		10.03	5.22	4.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/05/07[6]		10.03	6.01	4.02	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/24/07[6]		10.03	5.53	4.50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/06/08[6]		10.03	5.43	4.60	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/16/08[6]		10.03	5.51	4.52	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/02/09[6]		10.03	6.22	3.81	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/16/09[6]		**10.03**	**4.76**	**5.27**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	--	--	--	--	--	--	--
MW-5																		
03/14/89		8.35	1.37	6.98	20,000	6,600	1,600	270	1,100	--	<3,000	<100	<20	<20	<20	--	--	--
06/08/89		8.35	3.62	4.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/09/89		8.35	--	--	15,000	>2,800	270	240	640	--	--	<20	28	<20	<5.0	--	--	--
06/09/89	(D)	8.35	--	--	12,000	5,100	300	240	700	--	--	<200	<50	<20	<50	--	--	--
09/14/89		8.35	2.98	5.37	15,000	>730	>320	>290	440	--	--	<10	<2.0	<20	<2.0	--	--	--
09/14/89	(D)	8.35	--	--	15,000	3,300	450	490	730	--	--	<100	<20	100	<20	--	--	--
09/14/89	(T)	8.35	--	--	16,000	3,100	550	400	690	--	--	<50	<10	<50	<10	--	--	--
12/08/89		8.35	-0.78	9.13	20,000	4,600	640	390	1,300	--	--	<0.5	27	--	<0.5	--	--	--
03/19/90		8.35	3.23	5.12	25,000	6,500	1,200	450	2,200	--	--	<0.5	10	--	0.7	--	--	--
07/06/90		8.35	2.54	5.81	30,000	5,600	890	210	1,400	--	--	<0.5	<0.5	--	<0.5	1.2	--	--
10/03/90		8.35	1.45	6.90	29,000	6,000	790	270	1,500	--	--	<0.5	<0.5	--	<0.5	--	2.0	--
08/23/91		8.35	3.30	5.05	36,000	6,100	1,200	460	2,600	--	--	<0.5	3.9	--	<0.5	--	0.9	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-5 (cont)																	
11/22/91	8.35	2.10	6.25	21,000	8,000	1,500	530	2,600	--	--	<0.5	3.9	<0.5	<0.5	1.0	0.8	--
02/26/92	8.35	5.35	3.00	43,000	14,000	1,600	640	4,700	--	--	<0.5	2.0	<0.5	<0.5	--	--	--
05/22/92	8.35	3.86	4.49	72,000	18,000	8,100	920	10,000	--	--	<0.5	6.8	<0.5	<0.5	--	--	--
09/29/92	8.35	3.50	4.85	54,000	14,000	1,400	740	8,100	--	--	<0.5	4.4	--	<0.5	--	--	--
12/23/92	8.35	4.77	3.58	38,000	8,400	910	530	5,300	--	--	<0.5	2.9	--	<0.5	--	--	--
03/22/93	8.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/07/93	8.35	-3.82	12.17	24,000	3,000	280	360	1,200	--	--	<0.5	<0.5	--	<0.5	--	--	--
09/10/93	8.35	-0.15	8.50	8,900	860	160	100	320	--	--	<5.0	<5.0	--	<5.0	--	--	--
03/07/94	8.35	5.30	3.05	9,600	2,100	380	120	290	--	--	<12.5	<12.5	--	<12.5	--	--	--
06/16/94	8.35	2.64	5.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/08/94	8.35	2.43	5.92	10,000	3,600	360	210	460	--	--	<0.5	<0.5	--	<0.5	1.2	--	2.0
09/08/94	8.35	3.04	5.31	14,000	2,800	270	170	360	--	--	<0.5	2.8	--	<0.5	--	--	--
11/29/94	8.35	5.72	2.63	11,000	2,800	280	130	300	--	--	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
03/21/95	8.35	7.41	0.94	6,700	1,400	120	100	260	--	--	<0.5	0.59	<0.5	<0.5	<0.5	<0.5	--
06/27/95	8.35	6.01	2.34	18,000	6,100	480	600	990	--	--	<10	<10	<10	<10	<10	<10	--
09/27/95	8.35	4.65	3.70	15,000	3,600	140	210	310	--	--	<25	<25	<25	<25	<25	<25	--
12/29/95	8.35	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
10/10/96	8.35	4.31	4.04	5,700	1,800	53	530	84	<100	--	--	--	--	--	--	--	--
12/19/96	8.35	INACCESSIBLE		--	--	--	--	--		--	--	--	--	--	--	--	--
03/22/97	8.35	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/03/97	--	--	4.46	21,000	6,800	4,100	610	1,900	530	--	--	--	--	--	--	--	--
06/29/97	10.99	5.90	5.09	16,000	5,300	1,900	530	1,600	<250	--	--	--	--	--	--	--	--
09/12/97	10.99	5.98	5.01	6,100	1,900	510	120	390	<25	--	--	--	--	--	--	--	--
12/05/97	10.99	5.36	5.63	52,000	11,000	7,700	1,400	3,600	920	--	--	--	--	--	--	--	--
02/21/98	10.99	6.34	4.65	55,000	13,000	11,000	450	3,300	1,200	--	--	--	--	--	--	--	--
06/24/98[1]	10.99	5.51	5.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/98	10.99	6.05	4.94	5,700	4,100	1,500	210	81	<50	--	--	--	--	--	--	--	--
03/11/99	10.99	6.09	4.90	11,400	1590	2610	351	1,200	58.2	--	--	--	--	--	--	--	--
09/28/99	10.99	5.45	5.54	21,300	3,250	3,830	656	1,450	<500	--	--	--	--	--	--	--	--
03/10/00[2]	10.99	5.65	5.34	59,800	4,280	17,100	2,280	7,210	<1,000	--	--	--	--	--	--	--	--
08/29/00	10.99	5.96	5.03	42,000[3]	3,300	6,300	1,700	4,300	<1,000	--	--	--	--	--	--	--	--
03/21/01	10.99	5.79	5.20	26,000[3]	2,500	7,300	1,500	4,200	750	--	--	--	--	--	--	--	--
09/10/01[4]	10.99	5.91	5.08	300	29	50	7.7	66	<5.0	--	--	--	--	--	--	--	--
03/06/01[4]	10.99	6.21	4.78	32,000	2,500	6,900	1,800	5,300	<50	--	--	--	--	--	--	--	--
09/14/02[4]	10.99	6.06	4.93	55,000	2,800	8,400	3,200	8,300	160	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-5 (cont)																	
03/28/03[5]	10.99	6.08	4.91	35,000	2,100	5,700	2,500	7,000	<63	--	--	--	--	--	--	--	--
09/02/03[4,6]	10.99	5.76	5.23	680	130	98	54	200	<0.5	--	--	--	--	--	--	--	--
03/26/04[4,6]	10.99	6.35	4.64	15,000	810	2,200	590	2,900	<1	--	--	--	--	--	--	--	--
09/13/04[6,7]	10.99	5.35	5.64	4,800	280	220	170	950	<0.5	--	--	--	--	--	--	--	--
03/02/05[6]	10.99	6.67	4.32	39,000	2,900	5,700	2,700	7,900	<3	--	--	--	--	--	--	--	--
09/22/05[6]	10.99	5.19	5.80	12,000	640	500	190	880	<0.5	--	--	--	--	--	--	--	--
03/30/06[6]	10.99	6.89	4.10	57,000	1,700	4,500	3,500	9,500	<5	--	--	--	--	--	--	--	--
08/28/06[6]	10.99	6.03	4.96	41,000	2,700	580	2,400	5,300	<5	--	--	--	--	--	--	--	--
03/05/07[6]	10.99	6.59	4.40	25,000	1,800	930	1,600	2,600	<1	--	--	--	--	--	--	--	--
09/24/07[6]	10.99	6.09	4.90	13,000	1,200	220	930	860	<2	--	--	--	--	--	--	--	--
03/06/08[6]	10.99	6.11	4.88	22,000	1,100	1,700	1,100	4,300	<3	--	--	--	--	--	--	--	--
09/16/08[6]	10.99	6.01	4.98	11,000	460	200	390	1,200	<0.5	--	--	--	--	--	--	--	--
03/02/09[6]	10.99	6.74	4.25	25,000	450	1,600	2,000	6,000	<3	--	--	--	--	--	--	--	--
09/16/09[6]	**10.99**	**5.28**	**5.71**	**990**	**38**	**30**	**28**	**120**	**<0.5**	--	--	--	--	--	--	--	--
MW-6																	
07/06/90	6.56	-2.53	9.09	210	<0.3	<0.3	3.0	7.0	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	6.56	0.78	5.78	320	<0.3	0.3	1.0	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	6.56	-0.93	7.49	320	1.7	<0.5	2.1	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	6.56	-1.07	7.63	190	1.9	2.2	5.4	7.7	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	6.56	1.01	5.55	120	2.0	1.5	3.5	5.1	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	6.56	-0.38	6.94	160	1.1	0.6	0.9	1.0	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	6.56	-0.24	6.80	65	0.5	1.4	0.5	0.64	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	6.56	0.57	5.99	140	0.7	0.7	0.9	2.1	--	--	--	--	--	--	--	--	--
03/22/93	6.56	-0.51	7.07	71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	6.56	-1.05	7.61	85	<0.5	<0.5	2.0	1.0	--	--	--	--	--	--	--	--	--
09/10/93	6.56	1.88	4.68	<50	<0.5	<0.5	1.0	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	6.56	1.34	5.22	<50	<0.5	<0.5	<0.5	0.8	--	--	--	--	--	--	--	--	--
06/16/94	6.56	2.39	4.17	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	6.56	1.96	4.60	70	<0.5	0.6	<0.5	2.3	--	--	--	--	--	--	--	--	--
11/29/94	6.56	0.03	6.53	120	<0.5	<0.5	1.3	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	6.56	-0.47	7.03	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	6.56	0.20	6.36	84	<0.5	<0.5	<0.5	1.1	--	--	--	--	--	--	--	--	--
09/27/95	6.56	2.21	4.35	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-6 (cont)																	
12/29/95	6.56	0.41	6.15	<50	<0.5	<0.5	<0.5	<0.5	3.2	--	--	--	--	--	--	--	--
03/28/96	6.56	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/04/96	6.56	2.75	3.81	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/21/96	6.56	1.64	4.92	130	<0.5	<0.5	<0.5	0.66	<2.5	--	--	--	--	--	--	--	--
09/26/96	6.56	-0.18	6.74	130	<0.5	0.52	0.92	1.0	<2.5	--	--	--	--	--	--	--	--
12/19/96	6.56	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/22/97	6.56	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/29/97	10.23	3.45	6.78	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
09/12/97	10.23	3.97	6.26	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/05/97	10.23	3.95	6.28	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
02/21/98	10.23	3.88	6.35	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
08/17/98	10.23	4.33	5.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/11/99	10.23	4.88	5.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/28/99	10.23	4.61	5.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/00	10.23	4.64	5.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/29/00	10.23	4.52	5.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/01	10.23	4.75	5.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/10/01	10.23	5.04	5.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/06/02	10.23	4.77	5.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/14/02	10.23	4.99	5.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/03	10.23	4.74	5.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/03[4]	10.23	4.43	5.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/26/04	10.23	UNABLE TO LOCATE - NEW LANDSCAPING IN AREA							--	--	--	--	--	--	--	--	--
09/13/04	10.23	4.68	5.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/05	10.23	5.27	4.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/22/05	10.23	4.55	5.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/06	10.23	5.88	4.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/28/06	10.23	4.73	5.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/05/07	10.23	5.36	4.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/24/07	10.23	5.06	5.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/06/08	10.23	5.25	4.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/08	10.23	5.08	5.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/09	10.23	5.40	4.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/09	**10.23**	**4.62**	**5.61**	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-7																	
07/06/90	4.99	-0.86	5.85	<50	<0.3	<0.3	<0.3	<0.6	--	<1,000	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	4.99	-1.26	6.25	<50	<1.5	<1.5	<1.5	<3.0	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	4.99	-0.51	5.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	4.99	-0.74	5.73	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	4.99	0.15	4.84	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	4.99	0.10	4.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	4.99	-0.56	5.55	<50	<0.5	<0.5	<0.5	0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	4.99	0.12	4.87	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/22/93	4.99	0.94	4.05	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	4.99	0.36	4.63	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/10/93	4.99	-0.57	5.56	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	4.99	0.34	4.65	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/16/94	4.99	-0.08	5.07	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	4.99	-0.34	5.33	250	34	40	4.4	26	--	--	--	--	--	--	--	--	--
11/29/94	4.99	0.12	4.87	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	4.99	1.31	3.68	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	4.99	0.53	4.46	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/29/95	4.99	1.24	3.75	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
03/28/96	4.99	1.74	3.25	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/21/96	4.99	0.66	4.33	<50	<0.5	1.2	<0.5	<0.5	5.3	--	--	--	--	--	--	--	--
09/26/96	4.99	0.04	4.95	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/19/96	4.99	1.81	3.18	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
03/22/97	4.99	2.26	2.73	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/29/97	8.08	4.04	4.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
09/12/97	8.08	6.04	2.04	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/05/97	8.08	5.68	2.40	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
02/21/98	8.08	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/98	8.08	3.46	4.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/11/99	8.08	6.33	1.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/28/99	8.08	6.29	1.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/00	8.08	4.45	3.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/29/00	8.08	3.60	4.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/21/01	8.08	5.21	2.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/10/01	8.08	4.88	3.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/06/02	8.08	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-7 (cont)																	
09/14/02	8.08	5.27	2.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/03	8.08	4.92	3.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/03[4]	8.08	4.59	3.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/26/04	8.08	5.14	2.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/13/04	8.08	3.72	4.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/05	8.08	5.41	2.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/22/05	8.08	3.50	4.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/06	8.08	5.78	2.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/28/06	8.08	3.36	4.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/05/07	8.08	5.27	2.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/24/07	8.08	3.66	4.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/06/08	8.08	4.36	3.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/08	8.08	3.69	4.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/09	8.08	5.53	2.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/09	**8.08**	**3.70**	**4.38**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1																	
03/14/89	9.63	2.89	6.74	600	<0.2	<0.2	3.2	1.7	--	<3,000	1.0	<0.2	<20	<0.2	--	--	--
06/08/89	9.63	2.49	7.14	<50	<0.1	<0.5	<0.1	<0.2	--	--	<0.5	<0.1	<20	<0.1	--	--	--
09/14/89	9.63	2.42	7.21	<50	<0.2	<1.0	<0.2	<0.4	--	--	<1.0	<0.2	<1.0	0.7	--	--	--
12/08/89	9.63	2.34	7.29	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
03/19/90	9.63	2.63	7.00	190	0.8	<0.3	7.0	3.0	--	--	<0.5	<0.5	--	<0.5	--	--	--
07/06/90	9.63	2.50	7.13	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	9.63	2.10	7.53	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	9.63	2.57	7.06	150	5.0	11	3.5	10	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	9.63	2.16	7.47	86	7.2	11	2.9	13	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	9.63	2.94	6.69	<50	<0.5	<0.5	<0.5	1.4	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	9.63	2.67	6.96	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	9.63	2.44	7.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	9.63	2.60	7.03	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/22/93	9.63	3.03	6.60	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	9.63	2.66	6.97	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/10/93	9.63	2.55	7.08	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	9.63	2.80	6.83	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-1 (cont)																	
06/16/94	9.63	2.60	7.03	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	9.63	2.53	7.10	<50	1.3	1.5	<0.5	1.7	--	--	--	--	--	--	--	--	--
11/29/94	9.63	2.81	6.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	9.63	3.73	5.90	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	9.63	2.69	6.94	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	9.63	2.13	7.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ABANDONED																	
MW-2																	
03/14/89	8.99	2.91	6.08	<100	6.7	7.1	0.5	4.6	--	<3,000	<1.0	0.7	<20	<0.2	--	--	--
06/08/89	8.99	3.77	5.22	--	--	--	--	--	--	--	--	--	--	<0.2	--	--	--
06/09/89	8.99	--	--	<100	<0.2	<1.0	<0.2	<0.4	--	--	<1.0	<0.2	<20	<0.2	--	--	--
09/14/89	8.99	3.04	5.95	<50	<0.2	<1.0	<0.2	<0.4	--	--	<1.0	<0.2	<1.0	<0.2	--	--	--
12/08/89	8.99	-0.26	9.25	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
03/19/90	8.99	3.07	5.92	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
07/06/90	9.01	2.22	6.79	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	9.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/23/91	9.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DESTROYED																	
MW-3																	
03/14/89	8.19	2.16	6.02	<100	2.1	0.8	<0.2	2.0	--	<3,000	<1.0	3.0	<20	<0.2	--	--	--
06/08/89	8.19	2.30	5.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/09/89	8.19	--	--	<100	<0.5	<1.0	<0.2	<0.4	--	--	<1.0	3.3	<20	<0.2	--	--	--
09/14/89	8.19	1.88	6.30	<50	<0.2	<1.0	<0.2	<0.4	--	--	<1.0	2.2	<1.0	<0.2	--	--	--
12/08/89	8.19	-1.34	9.52	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	1.3	--	<0.5	--	--	--
03/19/90	8.19	2.01	6.17	<50	<0.3	<0.3	<0.3	<0.6	--	--	0.5	1.3	--	<0.5	--	--	--
07/06/90	8.19	0.67	7.52	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	8.19	0.88	7.31	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	0.83	--	<0.5	--	--	--
08/23/91	8.19	2.53	5.65	220	16	22	5.5	16	--	--	<0.5	0.6	--	<0.5	--	--	--
11/22/91	8.19	1.41	6.78	<50	<0.5	<0.5	<0.5	0.6	--	--	0.6	1.0	<0.5	<0.5	--	--	--
02/26/92	8.19	3.54	4.65	<50	4.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	8.19	2.63	5.56	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	8.19	1.96	6.23	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	8.19	2.37	5.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-3 (cont)																	
03/22/93	8.19	3.27	4.92	<50	7.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
06/07/93	8.19	2.50	5.69	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
09/10/93	8.19	2.15	6.04	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
03/07/94	8.19	3.04	5.15	<50	1.0	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
06/16/94	8.19	2.30	5.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
09/08/94	8.19	2.13	6.06	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	1.0	--	--
11/29/94	8.19	3.00	5.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/21/95	8.19	4.43	3.76	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/27/95	8.19	3.09	5.10	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
09/27/95	8.19	2.94	5.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
ABANDONED																	
MW-8																	
07/06/90	6.77	2.79	3.98	<50	<0.3	<0.3	<0.3	<0.6	--	<1,000	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	6.77	2.04	4.73	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	6.77	2.01	4.76	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	6.77	1.04	5.73	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	6.77	2.47	4.30	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	6.77	3.11	3.66	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	6.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/23/92	6.77	3.94	2.83	<50	<0.5	7.2	0.6	2.5	--	--	--	--	--	--	--	--	--
03/22/93	6.77	2.39	4.38	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	6.77	1.60	5.17	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/10/93	6.77	1.61	5.16	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	6.77	2.06	4.71	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/16/94	6.77	2.62	4.15	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	6.77	1.66	5.11	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
11/29/94	6.77	1.94	4.83	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	6.77	0.94	5.83	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	6.77	0.57	6.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	6.77	1.62	5.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/29/95	6.77	2.22	4.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/96	6.77	2.55	4.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/21/96	6.77	3.41	3.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/96	6.77	2.65	4.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-8 (cont)																	
12/19/96	6.77	3.83	2.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/22/97	6.77	3.88	2.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/29/97	9.88	6.92	2.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/12/97	9.88	7.11	2.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/05/97	9.88	7.16	2.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/21/98	9.88	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED																	
MW-9																	
07/06/90	7.63	3.02	4.61	<50	<0.3	<0.3	<0.3	<0.6	--	<1,000	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	7.63	2.49	5.14	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	7.63	2.18	5.45	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
11/22/91	7.63	2.15	5.48	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
02/26/92	7.63	5.00	2.63	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
05/22/92	7.63	3.63	4.00	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--
09/29/92	7.63	2.93	4.70	<50	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	<0.5	--	<0.5	--	--	--
12/23/92	7.63	3.87	3.76	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/22/93	7.63	5.52	2.11	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	7.63	4.35	3.28	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/10/93	7.63	2.45	5.18	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	7.63	4.61	3.02	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/16/94	7.63	3.50	4.13	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	7.63	2.84	4.79	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
11/29/94	7.63	3.71	3.92	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	7.63	0.14	7.49	NOT SAMPLED DUE TO INSUFFICIENT WATER						--	--	--	--	--	--	--	--
06/27/95	7.63	5.73	1.90	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	7.63	3.68	3.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/29/95	7.63	5.08	2.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/28/96	7.63	5.43	2.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/21/96	7.63	4.98	2.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/96	7.63	4.27	3.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/19/96	7.63	5.02	2.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/22/97	7.63	5.30	2.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/29/97	10.74	7.85	2.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-0019
210 Grand Avenue
Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
MW-9 (cont)																	
09/12/97	10.74	7.33	3.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/05/97	10.74	8.00	2.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/21/98	10.74	INACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--
NOT MONITORED/SAMPLED																	
TRIP BLANK																	
12/08/89	--	--	--	<100	<0.1	<0.2	<0.1	<0.2	--	--	<0.5	<0.1	--	<0.1	--	--	--
06/09/89	--	--	--	<50	<0.5	<0.5	<0.1	<0.2	--	--	<0.5	<0.1	<20	<0.1	--	--	--
09/14/89	--	--	--	<50	<0.1	<0.5	<0.1	<0.2	--	--	<0.5	<0.1	<0.5	<0.1	--	--	--
12/08/89	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	4.4	<0.5	--	1.9	--	--	--
03/19/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
07/06/90	--	--	--	<50	<0.3	<0.3	<0.3	<0.6	--	--	<0.5	<0.5	--	<0.5	--	--	--
10/03/90	--	--	--	<50	<0.3	<0.3	<0.3	1.0	--	--	<0.5	<0.5	--	<0.5	--	--	--
08/23/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
11/22/91	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	<0.5	--	--	--	--
02/26/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
05/22/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/29/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/23/92	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/22/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/07/93	--	--	--	<50	<0.5	<0.5	<0.5	1.0	--	--	--	--	--	--	--	--	--
09/10/93	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/07/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/16/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/08/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
11/29/94	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/21/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
06/27/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/27/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/29/95	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
03/28/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/21/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
09/26/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--	--
12/19/96	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)	Chloro-form (µg/L)	1,2-DCA (µg/L)	Freon (µg/L)	1,1,1-TCA (µg/L)	PCE (µg/L)	1,2-DCPA (µg/L)	1,2-DCE (µg/L)
TRIP BLANK (cont)																	
03/22/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
06/29/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
09/12/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
12/05/97	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
02/21/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
08/17/98	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
03/11/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--	--	--	--	--	--	--
09/28/99	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--
03/14/00	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--	--	--	--	--	--
08/29/00	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
03/21/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
09/10/01	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--	--
QA																	
03/06/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
09/14/02	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
03/28/03	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--	--
09/02/03[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/26/04[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/13/04[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/02/05[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/22/05[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/30/06[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
08/28/06[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/05/07[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/24/07[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/06/08[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/16/08[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/02/09[6]	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
DISCONTINUED																	

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 29, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH = Total Petroleum Hydrocarbons
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
TOG = Total Oil and Grease
1,2-DCA = 1,2-Dichloroethane
1,1,1-TCA = 1,1,1-Trichloroethane
PCE = Trichloroethene
1,2-DCPA = 1,2-Dichloropropane
1,2-DCE = 1,2-Dichloroethene
(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
(D) = Duplicate
(T) = Triplicate
QA = Quality Assurance/Trip Blank

1 ORC installed.
2 Results reported were generated out of hold time.
3 Laboratory report indicates gasoline C6-C12.
4 ORC present in well.
5 Absorbent sock in well.
6 BTEX and MTBE by EPA Method 8260.
7 Removed ORC from well.

Table 2

Dissolved Oxygen Concentrations

Former Chevron Service Station #9-0019

210 Grand Avenue

Oakland, California

WELL ID	DATE	Pre-purge (mg/L)	Post-purge (mg/L)
MW-4	09/10/01	2.60	--
MW-5	08/29/00	2.04	--
	03/21/01	4.60	--
	09/10/01	1.90	--
	03/06/02	2.10	--
	09/14/02	2.60	--
	03/28/03	0.30	--
	09/02/03	0.10	--
	03/26/04	1.20	--

EXPLANATIONS:

(mg/L) = Milligrams per liter

-- = Not Measured

Table 3

Groundwater Analytical Results-Oxygenate Compounds

Former Chevron Service Station # 9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-4						
09/28/99	<1,000	<200	<2.0	<2.0	<2.0	<2.0
09/02/03	--	--	<0.5	--	--	--
03/26/04	--	--	<0.5	--	--	--
09/13/04	--	--	<0.5	--	--	--
03/02/05	--	--	<0.5	--	--	--
09/22/05	--	--	<0.5	--	--	--
03/30/06	--	--	<0.5	--	--	--
08/28/06	--	--	<0.5	--	--	--
03/05/07	--	--	<0.5	--	--	--
09/24/07	--	--	<0.5	--	--	--
03/06/08	--	--	<0.5	--	--	--
09/16/08	--	--	<0.5	--	--	--
03/02/09	--	--	<0.5	--	--	--
09/16/09	--	--	**<0.5**	--	--	--
MW-5						
09/28/99	<20,000	<4,000	<40	<40	<40	<40
09/02/03	--	--	<0.5	--	--	--
03/26/04	--	--	<1	--	--	--
09/13/04	--	--	<0.5	--	--	--
03/02/05	--	--	<3	--	--	--
09/22/05	--	--	<0.5	--	--	--
03/30/06	--	--	<5	--	--	--
08/28/06	--	--	<5	--	--	--
03/05/07	--	--	<1	--	--	--
09/24/07	--	--	<2	--	--	--
03/06/08	--	--	<3	--	--	--
09/16/08	--	--	<0.5	--	--	--
03/02/09	--	--	<3	--	--	--
09/16/09	--	--	**<0.5**	--	--	--

Table 3

Groundwater Analytical Results-Oxygenate Compounds

Former Chevron Service Station # 9-0019

210 Grand Avenue

Oakland, California

WELL ID/ DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
TB						
09/28/99	<1,000	<200	<2.0	<2.0	<2.0	<2.0

Table 3

Groundwater Analytical Results-Oxygenate Compounds

Former Chevron Service Station # 9-0019

210 Grand Avenue

Oakland, California

EXPLANATIONS:

Groundwater laboratory analytical results prior to September 2, 2003, were compiled from reports prepared by Blaine Tech Services, Inc.

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
(µg/L) = Micrograms per liter
-- = Not Analyzed

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 #9-0019 Job Number: 386500
Site Address: 210 Grand Avenue Event Date: 9-16-09 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW-4 Date Monitored: 9-16-09
Well Diameter 2 (4) in.
Total Depth 13.74 ft.
Depth to Water 5.27 ft. ☐ Check if water column is less then 0.50 ft.

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

8.47 xVF 0.66 = 5.60 x3 case volume = Estimated Purge Volume: 17 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.96

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

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

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

Start Time (purge): 0752 Weather Conditions: clear
Sample Time/Date: 0835 / 9-16-09 Water Color: clear Odor: Y / (N)
Approx. Flow Rate: 2 gpm. Sediment Description:
Did well de-water? yes If yes, Time: 0800 Volume: 8 gal. DTW @ Sampling: 6.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0757	6	7.42	1361	19.8		
0800	8					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: Very slow recovery

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #9-0019 | Job Number: 386500
Site Address: 210 Grand Avenue | Event Date: 9-16-09 (inclusive)
City: Oakland, CA | Sampler: Joe

Well ID: MW-5 | Date Monitored: 9-16-09
Well Diameter: 2 in.
Total Depth: 10.93 ft.
Depth to Water: 5.71 ft.

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

☐ Check if water column is less then 0.50 ft.

5.22 xVF 0.66 = 3.45 x3 case volume = Estimated Purge Volume: 10.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.73

Purge Equipment:
- Disposable Bailer: ____
- Stainless Steel Bailer: ____
- Stack Pump: ✓
- Suction Pump: ____
- Grundfos: ____
- Peristaltic Pump: ____
- QED Bladder Pump: ____
- Other: ____

Sampling Equipment:
- Disposable Bailer: ✓
- Pressure Bailer: ____
- Discrete Bailer: ____
- Peristaltic Pump: ____
- QED Bladder Pump: ____
- Other: ____

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

Start Time (purge): 0845 | Weather Conditions: clear
Sample Time/Date: 0918 9-16-09 | Water Color: clear | Odor: (Y) / N moderate
Approx. Flow Rate: ____ gpm. | Sediment Description: ____
Did well de-water? yes If yes, Time: 0857 Volume: 5 gal. DTW @ Sampling: 6.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0855	4	6.91	988	20.4		
0857	5					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: Very slow recovery.

Add/Replaced Lock: ____ Add/Replaced Plug: ____ Add/Replaced Bolt: ____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #9-0019 Job Number: 386500
Site Address: 210 Grand Avenue Event Date: 9-16-09 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW-6 Date Monitored: 9-16-09
Well Diameter (2)4 in.
Total Depth 7.95 ft.
Depth to Water 5.61 ft.

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

☐ Check if water column is less then 0.50 ft.

_____ xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

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

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

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

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

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

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: Monthly

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: **Chevron #9-0019** Job Number: **386500**

Site Address: **210 Grand Avenue** Event Date: 9-16-04 (inclusive)

City: **Oakland, CA** Sampler: Jm

Well ID MW-7 Date Monitored: 9-16-04

Well Diameter 2 1/4 in.

Total Depth 9.86 ft.

Depth to Water 4.38 ft.

Volume Factor (VF)	3/4"= 0.02	t"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= t.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

_____ xVF _____ = _____ x3 case volume = Estimated Purge Volume: _____ gal.

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

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): _____ Weather Conditions: _____

Sample Time/Date: _____ / _____ Water Color: _____ Odor: Y / N _____

Approx. Flow Rate: _____ gpm. Sediment Description: _____

Did well de-water? _____ If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: _____

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: Monthly

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

Ø91609-01

For Lancaster Laboratories use only
Acct. #: 12099 Sample # 5778400-01 Group #: 019016

1162161

CRA MTI Project #: 63H-2327

Facility #: SS#9-0019 G-R#386500 Global ID#T0600100313
Site Address: 210 GRAND AVENUE, OAKLAND, CA
Chevron PM: MTI Lead Consultant: CRAKJ
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: JOE ASEMIAN

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (Potable ☐ NPDES ☐)	Matrix: Oil ☐ Air	Total Number of Containers	Preservation Codes	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method
*QA	—	—	✓			✓		2	H H	✓	✓					
MW-4	9-16-09	0835	"			"		6		✓	✓					
MW-5	"	0918	"			"		6		✓	✓					

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☒ Must meet lowest detection limits possible for 8260 compounds
8021 MTBE Confirmation
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy's on highest hit
☐ Run ____ oxy's on all hits

Comments / Remarks
*QA not analyzed per Deanna Harding. JMP 9/18/09

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) ☐ Coelt Deliverable not needed
WIP (RWQCB)
Disk
EDF/EDD

Relinquished by:	Date	Time	Received by:	Date	Time
	9-16	0900			
	09-16-09	1030		09-16-09	1030
	16SEP09	1635		16 SEP09	1135
Relinquished by Commercial Carrier: UPS FedEx Other			FEDEX		
Temperature Upon Receipt 0.2°C			Custody Seals Intact? Yes No		

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron 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

September 23, 2009

SAMPLE GROUP

The sample group for this submittal is 1162161. Samples arrived at the laboratory on Thursday, September 17, 2009. The PO# for this group is 90019 and the release number is MTI.

Client Description	Lancaster Labs Number
MW-4-W-090916 Grab Water	5778400
MW-5-W-090916 Grab Water	5778401

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO Gettler-Ryan, Inc. Attn: Cheryl Hansen

Lancaster Laboratories

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Analysis Report

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

Respectfully Submitted,

Susan M Goshert

Susan M. Goshert
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5778400

Group No. 1162161
CA

MW-4-W-090916 Grab Water
Facility# 90019 Job# 386500 MTI# 63H-2327 GRD
210 Grand Ave-Oakland T0600100313 MW-4

Collected: 09/16/2009 08:35 by JA

Account Number: 12099

Submitted: 09/17/2009 09:15
Reported: 09/23/2009 at 12:42
Discard: 10/24/2009

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

00194

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**	**ug/l**	
06054	Benzene	71-43-2	N.D.	0.5	1
06054	Ethylbenzene	100-41-4	N.D.	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
06054	Toluene	108-88-3	N.D.	0.5	1
06054	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F092641AA	09/21/2009 12:09	Daniel H Heller	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	F092641AA	09/21/2009 12:09	Daniel H Heller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09261A20A	09/18/2009 17:26	Tyler O Griffin	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09261A20A	09/18/2009 17:26	Tyler O Griffin	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5778401

Group No. 1162161
CA

MW-5-W-090916 Grab Water
Facility# 90019 Job# 386500 MTI# 63E-2327 GRD
210 Grand Ave-Oakland T0600100313 MW-5

Collected: 09/16/2009 09:18 by JA

Account Number: 12099

Submitted: 09/17/2009 09:15
Reported: 09/23/2009 at 12:42
Discard: 10/24/2009

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

00195

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
06054	Benzene	71-43-2	38	0.5	1
06054	Ethylbenzene	100-41-4	28	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
06054	Toluene	108-88-3	30	0.5	1
06054	Xylene (Total)	1330-20-7	120	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	990	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F092641AA	09/21/2009 13:15	Daniel H Heller	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	F092641AA	09/21/2009 13:15	Daniel H Heller	1
01146	GC VOA Water Prep	SW-846 5030B	1	09261B20A	09/18/2009 15:27	Tyler O Griffin	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09261B20A	09/18/2009 15:27	Tyler O Griffin	1

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 09/23/09 at 12:42 PM

Group Number: 1162161

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: F092641AA	Sample number(s): 5778400-5778401							
Benzene	N.D.	0.5	ug/l	94		79-120		
Ethylbenzene	N.D.	0.5	ug/l	95		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	93		76-120		
Toluene	N.D.	0.5	ug/l	94		79-120		
Xylene (Total)	N.D.	0.5	ug/l	94		80-120		
Batch number: 09261A20A	Sample number(s): 5778400							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	118	118	75-135	0	30
Batch number: 09261B20A	Sample number(s): 5778401							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	109	109	75-135	0	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: F092641AA	Sample number(s): 5778400-5778401 UNSPK: 5778400								
Benzene	100	102	80-126	2	30				
Ethylbenzene	101	103	71-134	2	30				
Methyl Tertiary Butyl Ether	94	96	72-126	2	30				
Toluene	99	102	80-125	2	30				
Xylene (Total)	101	102	79-125	2	30				
Batch number: 09261A20A	Sample number(s): 5778400 UNSPK: P778387								
TPH-GRO N. CA water C6-C12	136		63-154						
Batch number: 09261B20A	Sample number(s): 5778401 UNSPK: P778402								
TPH-GRO N. CA water C6-C12	118		63-154						

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: BTEX+MTBE by 8260B
Batch number: F092641AA

Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

*- 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: 09/23/09 at 12:42 PM

Group Number: 1162161

Surrogate Quality Control

5778400	93	91	92	100
5778401	92	93	93	103
Blank	93	92	92	101
LCS	92	91	90	100
MS	96	94	93	103
MSD	96	93	92	101
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 09261A20A

	Trifluorotoluene-F
5778400	86
Blank	84
LCS	117
LCSD	118
MS	123
Limits:	63-135

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 09261B20A

	Trifluorotoluene-F
5778401	114
Blank	100
LCS	128
LCSD	128
MS	134
Limits:	63-135

*- 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 limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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