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

June 1, 2011
(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 *First Semi-Annual 2011 Groundwater Monitoring and Sampling Report* and dated June 1, 2011.

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
Rancho Cordova, California 95670
Telephone: (916) 889-8900 Fax: (916) 889-8999
http://www.craworld.com

June 1, 2011 Reference No. 632327

Mr. Mark Detterman, P.G., C.E.G.
Alameda County Environmental Health (ACEH)
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: First Semi-Annual 2011 Groundwater Monitoring Report
Former Chevron Service Station 9-0019
210 Grand Avenue
Oakland, California
ACEH Case No. RO0000137

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. The report (prepared by Gettler-Ryan Inc. and dated April 12, 2011) presents the results of the first semi-annual 2011 monitoring event. Monitoring of wells MW-4 and MW-5 is performed on a semi-annual basis during the first and third quarters. As requested by ACEH, wells MW-6 through MW-9 were also redeveloped and sampled during the current event. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the first semi-annual 2011 analytical results along with a rose diagram.

CONESTOGA-ROVERS
& ASSOCIATES

June 1, 2011 Reference No. 632327

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

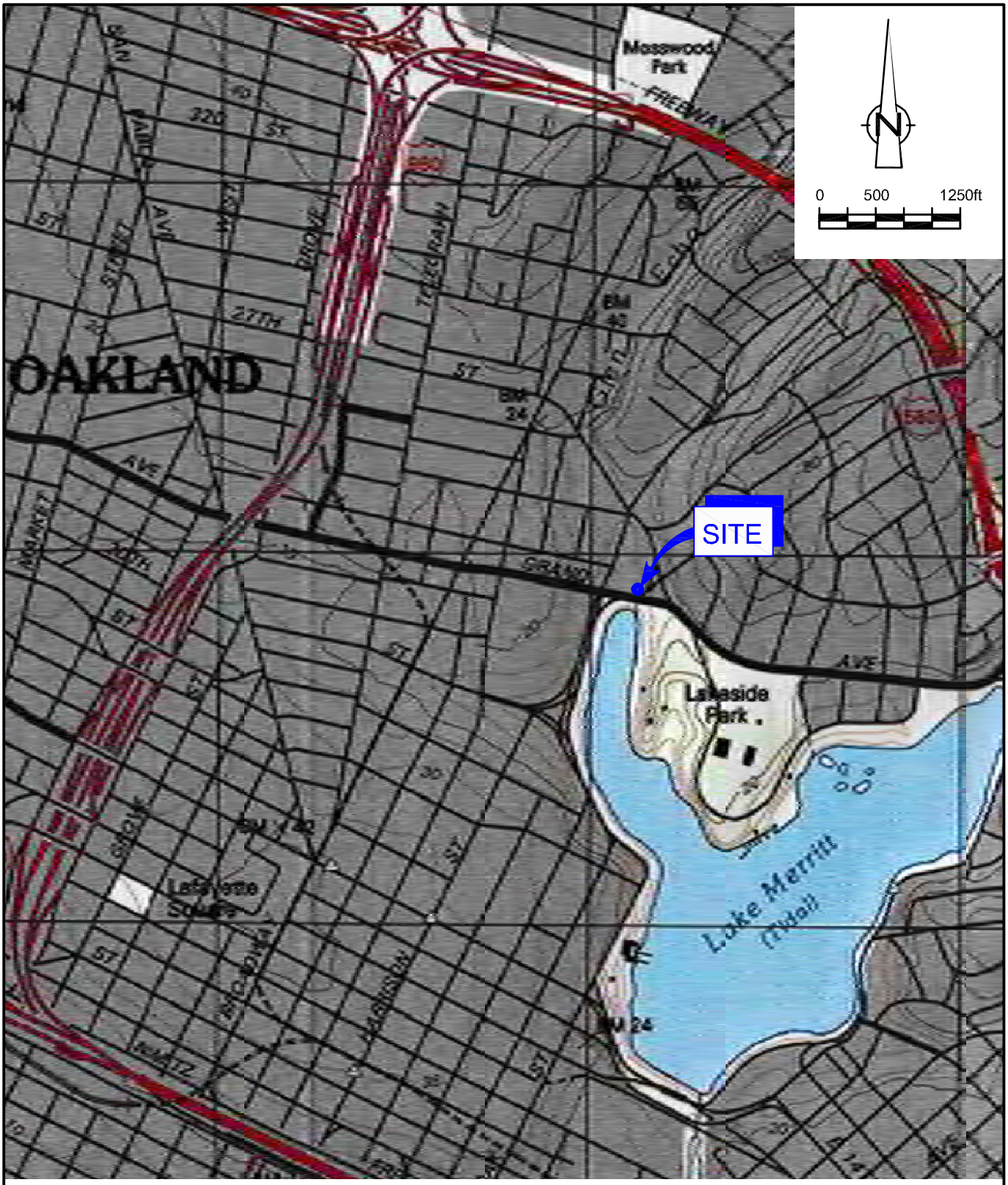
James P. Kiernan, P.E.

JK/aa/8
Encl.

Figure 1	Vicinity Map
Figure 2	Concentration Map – March 9, 2011
Attachment A	Groundwater Monitoring and Sampling Report

cc: Ms. Olivia Skance, Chevron (electronic copy only)
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-GWR(008)GN-WA001 MAY 03/2011

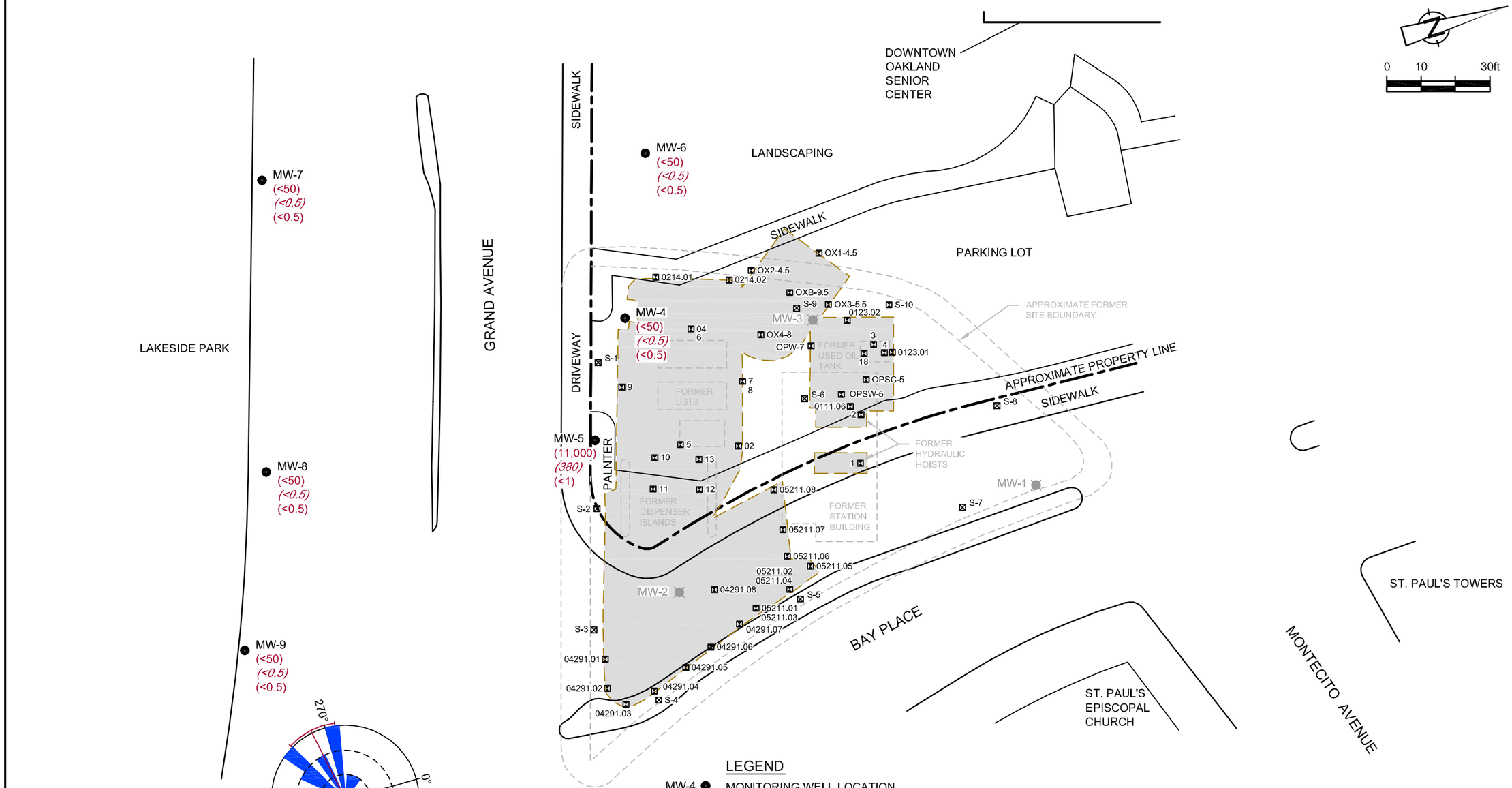


figure 2

CONCENTRATION MAP - MARCH 9, 2011
FORMER CHEVRON SERVICE STATION 9-0019
210 GRAND AVENUE
Oakland, California

BASEMAP MODIFIED FROM DRAWING PROVIDED BY GETTLER-RYAN

NOTE: MW-8 AND MW-9 WERE SAMPLED ON MARCH 25, 2011.

632327-GWR(008)GN-WA002 MAY 03/2011

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT

GETTLER-RYAN INC.

April 12, 2011
G-R Job #386500

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

RE: First Semi-Annual Event of March 9, 2011 and Special Event of March 25, 2011
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 events 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.

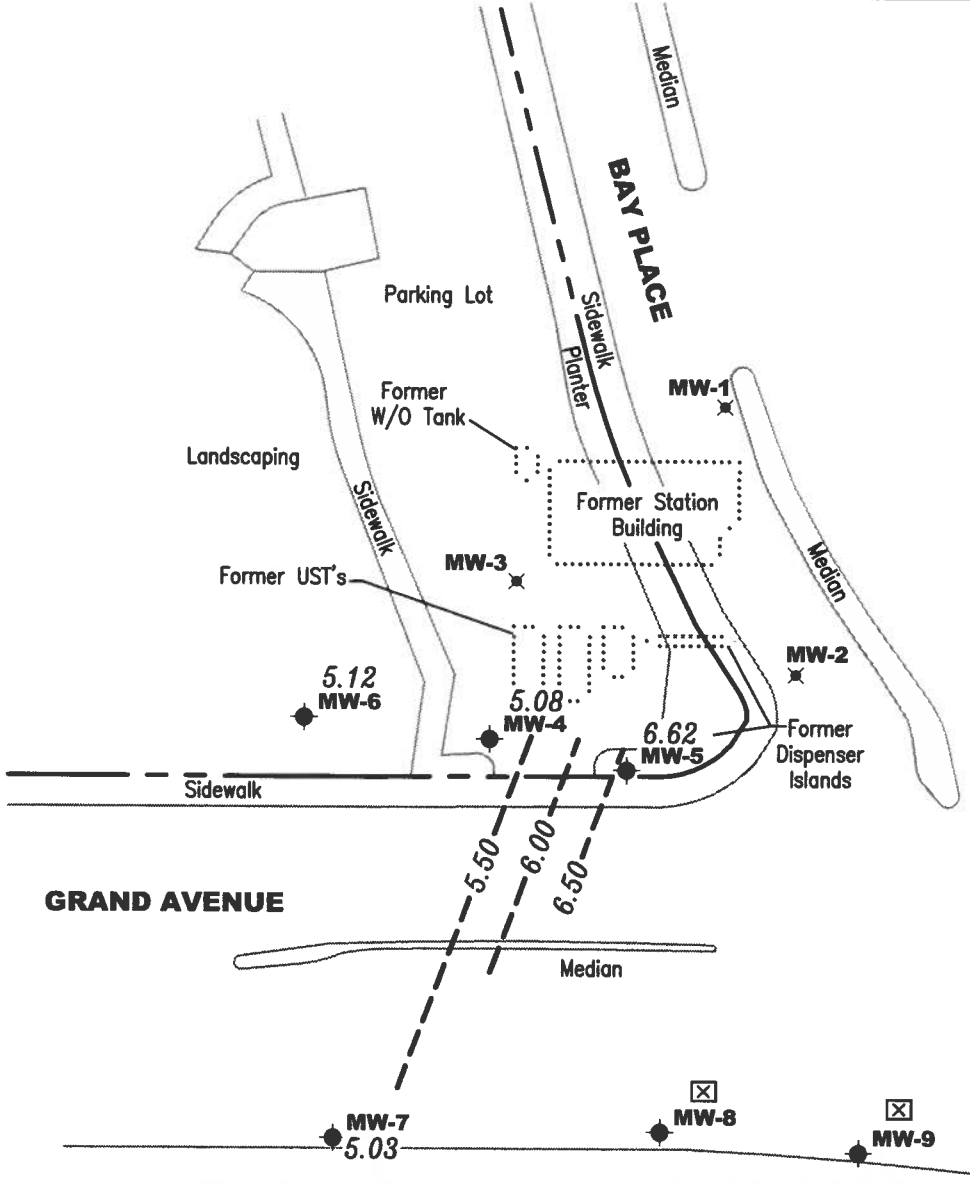
Sincerely,

Deanna L. Harding
Project Coordinator

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

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

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



EXPLANATION

- Groundwater monitoring well
- Abandoned/Destroyed well
- 99.99 — Groundwater elevation in feet referenced to Mean Sea Level
- --99.99-- — Groundwater elevation contour, dashed where inferred
- Inaccessible

Approximate groundwater flow direction at a gradient of 0.04 Ft./Ft.

N

0 50

Scale in Feet

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		March 9, 2011	

FILE NAME: P:\Enviro\Chevron\9-0019\Q11-9-0019.dwg | Layout Tab: Pot1

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)	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 (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	--	--	--	--	--	--	--	--
03/04/10[6]		10.03	5.55	4.48	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
09/21/10[6]		10.03	4.88	5.15	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
03/09/11[6]		**10.03**	**5.08**	**4.95**	**<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	--	--	--

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)																	
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	--
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	--	--	--	--	--	--	--	--

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)																	
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--
03/04/10[6]	10.99	5.97	5.02	540	9	10	0.7	82	<0.5	--	--	--	--	--	--	--	--
09/21/10[6]	10.99	5.46	5.53	1,900	81	31	180	340	<0.5	--	--	--	--	--	--	--	--
03/09/11[6]	**10.99**	**6.62**	**4.37**	**11,000**	**380**	**120**	**980**	**1,500**	**<1**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	--	--	--	--	--	--	--	--	--

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)																	
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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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)																	
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/04/10	10.23	5.27	4.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/10	10.23	4.83	5.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/11[8]	**10.23**	**5.12**	**5.11**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	--	--	--	--	--	--	--	--

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)	8.08	3.46	4.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	6.33	1.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/11/99																	
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		--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/04/10	8.08	3.77	4.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/21/10	8.08	3.87	4.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/11[6,8]	**8.08**	**5.03**	**3.05**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
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	--	--	--

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)																	
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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																	
03/09/11	**9.88**	**INACCESSIBLE**		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/11[6,8]	**9.88**	**7.43**	**2.45**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--	--	--	--	--	--	--	--
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	--	--	--

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)																	
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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																	
03/09/11	**10.74**	**INACCESSIBLE**		--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/11[6,8]	**10.74**	**9.64**	**1.10**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**5**	--	--	--	--	--	--	--	--
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	--	--	--

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)																	
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	--	--	--	--	--	--	--	--	--
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																	

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																	
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	--	--	--
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																	
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	--	--	--

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)																	
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	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--

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)
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	--	--	--	--	--	--	--	--
DESTROYED																	

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.
8 Well redeveloped.

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	--	--	--
03/04/10	--	--	<0.5	--	--	--
09/21/10	--	--	<0.5	--	--	--
03/09/11	--	--	**<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)
MW-5 (cont)						
03/04/10	--	--	<0.5	--	--	--
09/21/10	--	--	<0.5	--	--	--
03/09/11	--	--	**<1**	--	--	--
MW-6						
03/09/11	--	--	**<0.5**	--	--	--
MW-7						
03/09/11	--	--	**<0.5**	--	--	--
MW-8						
03/25/11	--	--	**<0.5**	--	--	--
MW-9						
03/25/11	--	--	**5**	--	--	--
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 –WELL DEVELOPMENT
GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to well development, each well is monitored for the presence of free-phase hydrocarbons and the depth to water is recorded. Wells are then developed by alternately surging the well with the bailer, then purging the well with a pump to remove accumulated sediments and draw groundwater into the well. Development continues until the groundwater parameters (temperature, pH, and conductivity) have stabilized.

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, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). 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 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, as directed by the scope of work. 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. 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.

CHEVRON SERVICE STATION #9-0019
Oakland, CA

FIRST QUARTER EVENT
Of March 9, 2011

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

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

Site Address: **210 Grand Avenue** Event Date: 3-9-11 (inclusive)

City: **Oakland, CA** Sampler: Joe

Well ID **MW-4** Date Monitored: 3-9-11

Well Diameter 2 (4) in.

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

Total Depth 13.79 ft.

Depth to Water 4.95 ft. ☐ Check if water column is less then 0.50 ft.

8.84 xVF 0.66 = 5.83 x3 case volume = Estimated Purge Volume: 17.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.71

Purge Equipment:

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

Sampling Equipment:

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

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: 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): 1015 Weather Conditions: clear

Sample Time/Date: 1038 3-9-11 Water Color: clear Odor: Y / (N)

Approx. Flow Rate: 1-1.5 gpm. Sediment Description: none

Did well de-water? ~~YES~~ If yes, Time: 1019 Volume: 7 gal. DTW @ Sampling: 6.08

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1018	6	6.96	1142	18.4		
1019	7					

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:

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: 3-9-11 (inclusive)
City: Oakland, CA Sampler: Joe

Well ID MW-5 Date Monitored: 3-9-11
Well Diameter 2 (4) in.
Total Depth 11.05 ft.
Depth to Water 4.37 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.

6.68 xVF 0.66 = 4.41 x3 case volume = Estimated Purge Volume: 13.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.70

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): 0947 Weather Conditions: clear
Sample Time/Date: 1005 / 3-9-11 Water Color: clear Odor: (Y) / N moderate
Approx. Flow Rate: 2 gpm. Sediment Description: none
Did well de-water? yes If yes, Time: 0951 Volume: 5.5 gal. DTW @ Sampling: 5.21

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
0950	5	6.58	821	17.7		
0951	5.5					

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:

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

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

Site Address: **210 Grand Avenue** Event Date: 3-9-11 (inclusive)

City: **Oakland, CA** Sampler: Joe

Well ID **MW-6** Date Monitored: 3-9-11

Well Diameter **2** in.

Initial Total Depth (7.93) ft.

Final Total Depth 7.95 ft.

Depth to Water 5.11 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

2.82 xVF 0.17 = 0.48 x10 case volume = Estimated Purge Volume: 5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.67

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): 0848 Weather Conditions: clear

Sample Time/Date: 0935 / 3-9-11 Water Color: light brown Odor: Y / (N)

Approx. Flow Rate: very slow gpm. Sediment Description: none

Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 5.36

	Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
feel/bailer	0853	1	7.59	1206	18.7		
	0857	2	7.62	1191	18.5		
slow	0905	3	7.54	1183	18.2		
	0907	4	7.47	1189	18.4		
slow	0914	5.5	7.43	1196	18.5		

LABORATORY INFORMATION

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

COMMENTS: **INITIAL CGI READING:** 0.00

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: **Chevron #9-0019** Job Number: **386500**
Site Address: **210 Grand Avenue** Event Date: 3-9-11 (inclusive)
City: **Oakland, CA** Sampler: Joe

Well ID **MW-7** Date Monitored: 3-9-11
Well Diameter **2** in.
Initial Total Depth (10.86) ft.
Final Total Depth 10.06 ft.
Depth to Water 3.05 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.

6.81 xVF 0.17 = 1.15 x10 case volume = Estimated Purge Volume: 12 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.45

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): 0718 Weather Conditions: clear
Sample Time/Date: 0830 / 3-9-11 Water Color: murky Odor: (Y) / N very light
Approx. Flow Rate: slow gpm. Sediment Description: none
Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: 3.96

	Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
Heel/Bailer	0724	2	6.98	1065	19.0		
slow	0729	3	7.28	1047	18.2		
	0734	5	7.34	1052	18.6		
	0745	7	7.36	1050	18.0		
slow	0750	9	7.25	1043	18.0		
	0756	10	7.20	1041	18.4		
	0803	12	7.19	1047	18.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: INITIAL CGI READING: 0.00

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: 3-9-11 (inclusive)

City: **Oakland, CA** Sampler: Joe

Well ID **MW-8** Date Monitored: _____

Well Diameter **2 / 4** in.

Total Depth _____ ft.

Depth to Water _____ 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

_____ 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: Inaccessible. Paved over.

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: 3-9-11 (inclusive)

City: **Oakland, CA** Sampler: JG

Well ID **MW-9**

Well Diameter **2 / 4** in.

Total Depth _____ ft.

Depth to Water _____ ft.

Date Monitored: _____

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: Inaccessible. Box frozen solid.

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

030911-05

For Lancaster Laboratories use only
Acct. #: 12099 Sample # 6227052-55 Group #: 005894

C# 1236098

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 Kiernan
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: JOE AJEMIAN

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil	Matrix: Air	Matrix: Potable	Matrix: NPDES	Total Number of Containers	BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method
MW-4	3-9-11	1038	✓			✓					6	✓	✓					
MW-5	↓	1005	↓			↓					6	✓	✓					
MW-6		0936									6	✓	✓					
MW-7	↓	0830	↓			↓					6	✓	✓					

Analyses Requested
Preservation Codes

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

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

Comments / Remarks

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

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

EDF/EDD

	Date	Time		Date	Time
Relinquished by:	3-9-11	1215	Received by:	3/9/11	1215
Relinquished by:	9 MAR 11	1638	Received by: FEDEX		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt 1.1-3.0 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 by:

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

Prepared for:

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

March 17, 2011

Project: 90019

Submittal Date: 03/10/2011
Group Number: 1236698
PO Number: 90019
Release Number: MTI
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
MW-4-W-110309 Grab Water	6227052
MW-5-W-110309 Grab Water	6227053
MW-6-W-110309 Grab Water	6227054
MW-7-W-110309 Grab Water	6227055

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: Rachelle Munoz
ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	Chevron	Attn: Anna Avina

Lancaster Laboratories

Analysis Report

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Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

Marla S. Lord
Senior Specialist

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

Sample Description: MW-4-W-110309 Grab Water
Facility# 90019 Job# 386500 MTI# 63H-2327 GRD
210 Grand Avenue-Oakland T0600100313 MW-4

LLI Sample # WW 6227052
LLI Group # 1236698
Account # 12099

Project Name: 90019

Collected: 03/09/2011 10:38 by JA

Submitted: 03/10/2011 09:10
Reported: 03/17/2011 10:23

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

GAO04

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	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	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
Trip blank vials were not received by the laboratory for this sample group.

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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	Z110734AA	03/14/2011 22:05	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z110734AA	03/14/2011 22:05	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11073A07A	03/15/2011 01:20	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11073A07A	03/15/2011 01:20	Marie D John	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-5-W-110309 Grab Water
Facility# 90019 Job# 386500 MTI# 63H-2327 GRD
210 Grand Avenue-Oakland T0600100313 MW-5

LLI Sample # WW 6227053
LLI Group # 1236698
Account # 12099

Project Name: 90019

Collected: 03/09/2011 10:05 by JA

Submitted: 03/10/2011 09:10
Reported: 03/17/2011 10:23

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

GAO05

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	
10943	Benzene	71-43-2	380	1	2
10943	Ethylbenzene	100-41-4	980	10	20
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	1	2
10943	Toluene	108-88-3	120	1	2
10943	Xylene (Total)	1330-20-7	1,500	10	20
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	11,000	250	5

General Sample Comments

State of California Lab Certification No. 2501
Trip blank vials were not received by the laboratory for this sample group.

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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	Z110734AA	03/14/2011 22:29	Kelly E Keller	2
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	Z110734AA	03/14/2011 22:53	Kelly E Keller	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z110734AA	03/14/2011 22:29	Kelly E Keller	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	Z110734AA	03/14/2011 22:53	Kelly E Keller	20
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11073A07A	03/15/2011 07:39	Marie D John	5
01146	GC VOA Water Prep	SW-846 5030B	1	11073A07A	03/15/2011 07:39	Marie D John	5

Lancaster Laboratories

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Analysis Report

Sample Description: MW-6-W-110309 Grab Water
Facility# 90019 Job# 386500 MTI# 63H-2327 GRD
210 Grand Avenue-Oakland T0600100313 MW-6

LLI Sample # WW 6227054
LLI Group # 1236698
Account # 12099

Project Name: 90019

Collected: 03/09/2011 09:35 by JA

Submitted: 03/10/2011 09:10
Reported: 03/17/2011 10:23

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

GAO06

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	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	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
Trip blank vials were not received by the laboratory for this sample group.

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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	Z110734AA	03/14/2011 23:17	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z110734AA	03/14/2011 23:17	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11073A07A	03/15/2011 01:45	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11073A07A	03/15/2011 01:45	Marie D John	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-7-W-110309 Grab Water
Facility# 90019 Job# 386500 MTI# 63H-2327 GRD
210 Grand Avenue-Oakland T0600100313 MW-7

LLI Sample # WW 6227055
LLI Group # 1236698
Account # 12099

Project Name: 90019

Collected: 03/09/2011 08:30 by JA

Submitted: 03/10/2011 09:10
Reported: 03/17/2011 10:23

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

GAO07

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	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	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
Trip blank vials were not received by the laboratory for this sample group.

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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	Z110734AA	03/14/2011 23:41	Kelly E Keller	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z110734AA	03/14/2011 23:41	Kelly E Keller	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11073A07A	03/15/2011 02:10	Marie D John	1
01146	GC VOA Water Prep	SW-846 5030B	1	11073A07A	03/15/2011 02:10	Marie D John	1

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 03/17/11 at 10:23 AM

Group Number: 1236698

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: Z110734AA	Sample number(s): 6227052-6227055							
Benzene	N.D.	0.5	ug/l	106		79-120		
Ethylbenzene	N.D.	0.5	ug/l	109		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	108		76-120		
Toluene	N.D.	0.5	ug/l	106		79-120		
Xylene (Total)	N.D.	0.5	ug/l	108		80-120		
Batch number: 11073A07A	Sample number(s): 6227052-6227055							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	89	86	75-135	3	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: Z110734AA	Sample number(s): 6227052-6227055 UNSPK: 6227055								
Benzene	108	106	80-126	2	30				
Ethylbenzene	111	108	71-134	3	30				
Methyl Tertiary Butyl Ether	107	106	72-126	1	30				
Toluene	106	104	80-125	1	30				
Xylene (Total)	108	107	79-125	1	30				

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: Z110734AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6227052	104	96	96	98
6227053	103	92	97	103
6227054	104	95	96	98
6227055	104	95	96	98
Blank	104	94	96	98
LCS	103	95	97	101
MS	104	95	95	99

*- 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: 03/17/11 at 10:23 AM

Group Number: 1236698

Surrogate Quality Control

MSD	103	94	96	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11073A07A

	Trifluorotoluene-F
6227052	89
6227053	101
6227054	87
6227055	88
Blank	87
LCS	92
LCSD	94
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:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< 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

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

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. All other results are reported on an as-received basis.

U.S. EPA CLP 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
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 sample 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 meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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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CHEVRON SERVICE STATION #9-0019
Oakland, CA

SPECIAL EVENT OF
Of March 25, 2011

DAILY REPORT

Gettler - Ryan Inc.

TAGS

FORMS

COMPANY Chevron 9-0019 JOB NO. 15-386500

LOCATION 210 GRAND Ave DATE 3-25-11
OAKLAND CA

ARRIVAL TIME 0630 3.5

DEPARTURE TIME: 1000 3.5 HS

JOB INSTRUCTIONS: x2

USA Clear. #084100

WORK PERFORMED (CONT. ON REVERSE SIDE): Open mw-9. Gutter runny full from runoff & rain, Create diversion to keep water out Break asphalt off mw 8 Lid. mw 8 has ~~Enaco~~ Wheaton box. Bolts are in place but holes are stripped. Open box & clean out, Joe redevelop and sample both wells. Install new lock + Plug on mw-8. Replace Lid AND cover with ½ bag cutback Asphalt = 30 lbs. Dump debris at shop.

MATERIALS: 1 Lock + 2" Plug, 1 Bag Cutback

SUBCONTRACTORS:

EQUIPMENT:

AIR COMPRESSOR		CONCRETE SAWING		HELIUM TESTER	
~~DUMP~~ TRUCK	30-28	STEAM CLEANER		HYDROCARBON SURVEYOR Well development	X
SPECIALTY TRUCK	20-69	WATER/TRANSFER PUMP		HORIBA	
~~BACKHOE/LOADER~~ Jackhammer		PETRO-TITE LINE TESTER		VR-3	
KOMATSU		PETRO-TITE TANK TESTER		OVA	
PAVING EQUIPMENT		VAPOR TESTER		ELECTRONIC INTERFACE PROBE	

FOREMAN Barry McCoy, Allen Stewart, Joe Aseman x3

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

Client/Facility#: **Chevron #9-0019** Job Number: **386500**
Site Address: **210 Grand Avenue** Event Date: 3-25-11 (inclusive)
City: **Oakland, CA** Sampler: Joe

Well ID **MW- 8** Date Monitored: 3-25-11
Well Diameter 2 in.
Initial Total Depth 7.35 ft.
Final Total Depth 7.35 ft.
Depth to Water 2.45 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

4.90 xVF 0.17 = 0.83 x10 case volume = Estimated Purge Volume: 8.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 3.43

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): 0750 Weather Conditions: showers
Sample Time/Date: 0830 / 3-25-11 Water Color: clear Odor: Y / N
Approx. Flow Rate: ~0.5 gpm. Sediment Description: none
Did well de-water? yes If yes, Time: — Volume: — gal. DTW @ Sampling: 3.18

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
0752	0.50	7.29	1186	14.1		
dewatered 0754	1.50	7.32	1181	13.9		
dewatered 0800	2.00	7.35	1097	13.6		
dewatered 0808	2.10					

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 8	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: INITIAL CGI READING: 0 = 21.1
Well dewatered abruptly. Very slow recovery.

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

GETTLER-RYAN INC.

WELL MONITORING/DEVELOPMENT FIELD DATA SHEET

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

Site Address: **210 Grand Avenue** Event Date: 3-25-11 (inclusive)

City: **Oakland, CA** Sampler: Joe

Well ID **MW-09** Date Monitored: 3-25-11

Well Diameter 2 in.

Initial Total Depth (8.50) ft.

Final Total Depth 8.50 ft.

Depth to Water 1.10 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

7.40 xVF 0.17 = 1.26 x10 case volume = Estimated Purge Volume: 13 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 2.58

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): 0837 Weather Conditions: cloudy

Sample Time/Date: 0910 13-25-11 Water Color: clear Odor: Y / (N)

Approx. Flow Rate: 1 gpm. Sediment Description: none

Did well de-water? yes If yes, Time: — Volume: — gal. DTW @ Sampling: 2.51

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0840	1.5	7.42	1008	13.6		
dewatered 0842	3	7.37	915	14.0		
dewatered 0850	4	7.38	921	14.1		
dewatered 0855	5	7.40	926	14.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-09	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)

COMMENTS: INITIAL CGI READING: O_2 = 21.0

Slow recovery

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories ϕ32511-ϕ1

For Lancaster Laboratories use only
Acct. #: 12099 Sample # 624813-14 Group #: 005945
1239318

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 Kiernan
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler: JOE AJEMIAN

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil	Matrix: Air	Total Number of Containers	BTEX + MTBE 8260 ☐ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method
MW-8	3-25-11	0830	✓			✓			6	✓	✓					
MW-9	11	0910	✓			✓			6	✓	✓					

Analyses Requested / Preservation Codes

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

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

Comments / Remarks

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

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

	Date	Time		Date	Time
Relinquished by:	3-25-11	1700	Received by: A. Sulger	25MAR11	1800
Relinquished by:	3/25/11	1500	Received by: FE		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	3/28/11	0940
Temperature Upon Receipt 10-2.4 C°			Custody Seals Intact? Yes No		

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

April 01, 2011

Project: 90019

Submittal Date: 03/29/2011
Group Number: 1239318
PO Number: 90019
Release Number: MTI
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
MW-8-W-110325 Grab Water	6241813
MW-9-W-110325 Grab Water	6241814

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: Rachelle Munoz
ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	Chevron	Attn: Anna Avina

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Jill M Parker at (717) 656-2300 Ext. 1241

Respectfully Submitted,

Sarah M. Snyder
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: MW-8-W-110325 Grab Water
Facility# 90019 Job# 386500 MTI# 63H-2327 GRD
210 Grand Ave-Oakland T0600100313 MW-8

LLI Sample # WW 6241813
LLI Group # 1239318
Account # 12099

Project Name: 90019

Collected: 03/25/2011 08:30 by JA

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:10

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

00198

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	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	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
Trip blank vials were not received by the laboratory for this sample group.

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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110891AA	03/30/2011 10:00	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110891AA	03/30/2011 10:00	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	03/31/2011 23:33	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	03/31/2011 23:33	Butch A Sokolowski	1

Lancaster Laboratories

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Analysis Report

Sample Description: MW-9-W-110325 Grab Water
Facility# 90019 Job# 386500 MTI# 63H-2327 GRD
210 Grand Ave-Oakland T0600100313 MW-9

LLI Sample # WW 6241814
LLI Group # 1239318
Account # 12099

Project Name: 90019

Collected: 03/25/2011 09:10 by JA

Submitted: 03/29/2011 09:45
Reported: 04/01/2011 13:10

Chevron c/o CRA
Suite 107
10969 Trade Center Dr
Rancho Cordova CA 95670

00199

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	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	5	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	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
Trip blank vials were not received by the laboratory for this sample group.

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
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110891AA	03/30/2011 10:22	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110891AA	03/30/2011 10:22	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11090A20A	03/31/2011 23:55	Butch A Sokolowski	1
01146	GC VOA Water Prep	SW-846 5030B	1	11090A20A	03/31/2011 23:55	Butch A Sokolowski	1

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 04/01/11 at 01:10 PM

Group Number: 1239318

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: F110891AA	Sample number(s): 6241813-6241814							
Benzene	N.D.	0.5	ug/l	94		79-120		
Ethylbenzene	N.D.	0.5	ug/l	92		79-120		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	89		76-120		
Toluene	N.D.	0.5	ug/l	92		79-120		
Xylene (Total)	N.D.	0.5	ug/l	92		80-120		
Batch number: 11090A20A	Sample number(s): 6241813-6241814							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	127	118	75-135	7	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: F110891AA	Sample number(s): 6241813-6241814 UNSPK: P240848								
Benzene	97	100	80-126	2	30				
Ethylbenzene	97	99	71-134	3	30				
Methyl Tertiary Butyl Ether	92	92	72-126	1	30				
Toluene	98	101	80-125	2	30				
Xylene (Total)	98	100	79-125	2	30				

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: F110891AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6241813	99	102	98	88
6241814	103	103	99	91
Blank	98	102	100	92
LCS	96	101	98	97
MS	96	98	96	97
MSD	96	101	98	99

*- 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
Group Number: 1239318
Reported: 04/01/11 at 01:10 PM

Surrogate Quality Control

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

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11090A20A

	Trifluorotoluene-F
6241813	78
6241814	76
Blank	76
LCS	117
LCSD	118
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.

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< 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

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

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. All other results are reported on an as-received basis.

U.S. EPA CLP 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
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 sample 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 meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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.