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

October 5, 2009
(date)

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

Re: Chevron Facility #_9-4612_____

Address: 3616 San Leandro Street, Oakland, California_____

I have reviewed the attached report titled *Third Quarter 2009 Groundwater Monitoring Report*_____ and dated October 5, 2009.

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

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

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

Sincerely,

SH Frerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

CONESTOGA-ROVERS
& ASSOCIATES

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

October 5, 2009

Reference No. 611996

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

Re: Third Quarter 2009 Groundwater Monitoring Report
Former Chevron Service Station No. 9-4612
3616 San Leandro Street
Oakland, California
LOP Case #RO0000233

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 September 1, 2009) presents the results of the third quarter 2009 monitoring event. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the third quarter 2009 analytical results along with a rose diagram. The monitoring results during 2009 (first, second and third quarters) are discussed below.

During 2009, petroleum hydrocarbon concentrations in the site wells generally were similar to or less than those observed during 2008. Elevated concentrations of total petroleum hydrocarbons as gasoline (TPHg) were detected in wells VH-1 (ranging from 1,400 to 4,000 micrograms per liter [µg/L]), MW-2 (ranging from 3,100 to 3,900 µg/L), and MW-3 (ranging from 1,300 to 2,000 µg/L) during 2009. Although fluctuations occur, the TPHg concentrations continue to steadily decrease in these wells and have significantly decreased since the start of monitoring. TPHg was not detected in well MW-4 during 2009 and generally has not been detected in this well for several years. Low concentrations of benzene were detected in wells VH-1 (up to 20 µg/L) and MW-2 (2 µg/L) during 2009. The benzene concentrations in well VH-1 continue to steadily decrease while the benzene concentrations in well MW-2 have remained relatively stable over the last several years; concentrations in both wells have significantly decreased since the start of monitoring. Benzene was not detected in wells MW-3 and MW-4 during 2009, and has not been detected in these wells for several years. Low concentrations of toluene (up to 3 µg/L), ethylbenzene (up to 4 µg/L), and xylenes (up to 6 µg/L) were detected in wells VH-1 and MW-2 during 2009; these constituents were not detected in wells MW-3 and MW-4 during 2009. Low concentrations of methyl tertiary butyl ether (MTBE) were detected in wells VH-1 (up to 15 µg/L), MW-2 (up to 5 µg/L), and MW-3 (up to 3 µg/L) during 2009. However, the MTBE appears to be due to an offsite source as the station at the site was demolished in 1976, prior to the use of MTBE in California. Low concentrations of TPH as diesel (TPHd) (up to 470 µg/L) were also detected in well MW-3 during 2009. However, based on a station as-built site plan, diesel does not appear to have been dispensed at the site; therefore, the TPHd also appears to be due to an offsite source.

Based on the analytical results, impacted groundwater (primarily TPHg) remains beneath the site in the area of the former underground storage tanks (USTs) and dispensers. However, as mentioned above, at least a portion of the impacted groundwater beneath the site appears to be due to an offsite source. Based on the results of downgradient borings, the extent of the impacted groundwater appears to have been adequately evaluated, and concentrations in the onsite wells continue to decrease and have significantly decreased since the start of monitoring. Based on the site conditions, the site appears to be a good candidate for case closure. CRA submitted a *Case Closure Request* dated February 2, 2009 to Alameda County Environmental Health (ACEH) and is awaiting a response. In the meantime, monitoring and sampling will continue to further evaluate groundwater quality and concentration trends.

In accordance with State Water Resources Control Board (SWRCB) Resolution No. 2009-0042, and as stated in an ACEH letter dated July 24, 2009 (Attachment B), the monitoring frequency at the site is to be reduced to semi-annual unless site-specific needs warrant otherwise. CRA concurs that a reduction to semi-annual appears appropriate at the site. Therefore, the wells will now be gauged and sampled on a semi-annual basis during the first and third quarters.

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Kelly M. Rider

James P. Kiernan, P.E. #C68498

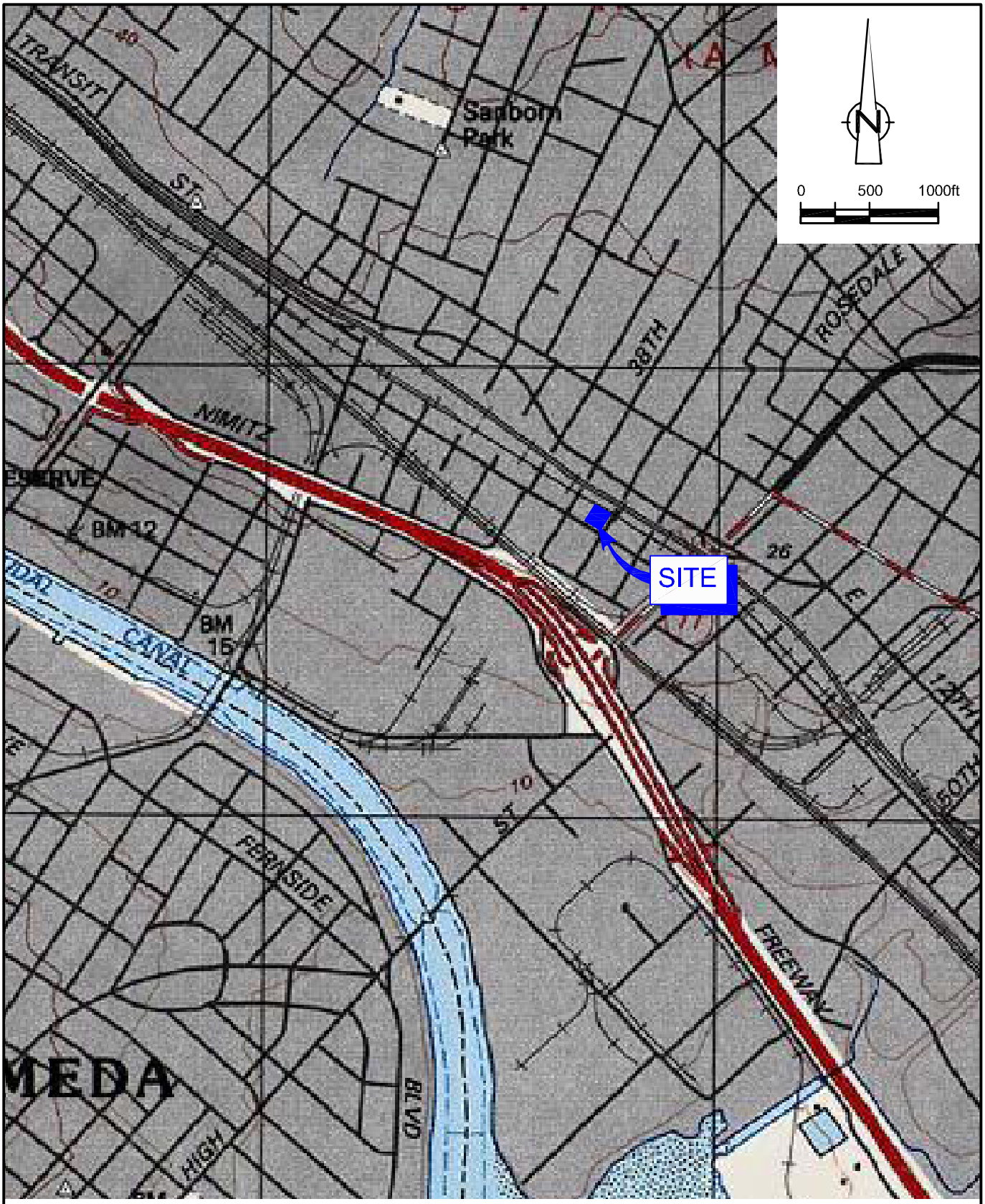
KR/jt/6

Figure 1 Vicinity Map
Figure 2 Concentration Map - August 10, 2009

Attachment A Groundwater Monitoring and Sampling Report
Attachment B ACEH Letter Dated July 24, 2009

cc: Ms. Stacie Frerichs, Chevron Environmental Management Company
Mr. Leonard B. Ratto, Ratto Land Company
Mr. Terry McIlraith

FIGURES



SOURCE: TOPO! MAPS.

figure 1

VICINITY MAP
FORMER CHEVRON SERVICE STATION 9-4612
3616 San Leandro Street, Oakland, California

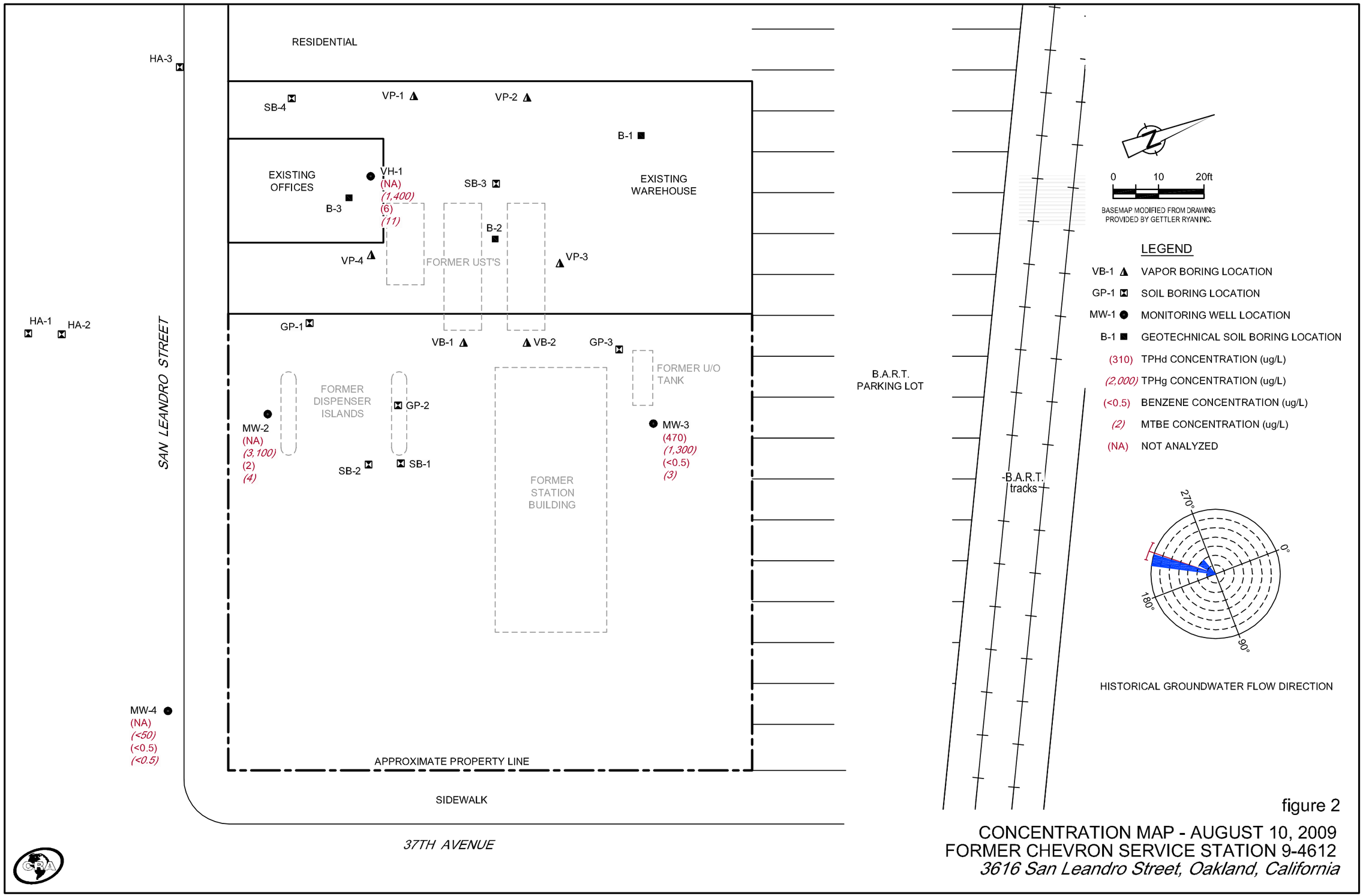


figure 2

CONCENTRATION MAP - AUGUST 10, 2009
FORMER CHEVRON SERVICE STATION 9-4612
3616 San Leandro Street, Oakland, California

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT

GETTLER-RYAN INC.

TRANSMITTAL

September 9, 2009
G-R #386473

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

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

RE: Former Chevron Service Station
#9-4612 (MTI)
3616 San Leandro Street
Oakland, California
RO 0000233

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
2	September 1, 2009	Groundwater Monitoring and Sampling Report **Second Semi-Annual Event of August 10, 2009**

COMMENTS:

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

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

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

cc: Mr. Leonard B. Ratto, Ratto Land Company, P.O. Box 6104, Oakland, CA 94603-0104
Mr. Terry McIlraith, 407 Castello Road, Lafayette, CA 94549
Mr. Mark Detterman, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577
(No Hard Copy-UPLOAD TO ALAMEDA CO.)

Enclosures

Chevron

Stacie H. Frerichs
Team Lead
Marketing Business Unit

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

September 9, 2009
(date)

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

Re: Chevron Facility # 9-4612

Address: 3616 San Leandro St., Oakland, California

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

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

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

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

Sincerely,

SH Frerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

WELL CONDITION STATUS SHEET

Client/Facility #: **Chevron #9-4612**
Site Address: **3616 San Leandro Street**
City: **Oakland, CA**

Job # **386473**
Event Date: 8-10-09
Sampler: SH

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y / N	REPLACE CAP Y / N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
VH-1	ok									Utility Box	
MW-2	ok		?	2S	ok					Morrison/8"/2	
MW-3	ok			2S	ok					"	
MW-4	ok									Emco/12"/2	

Comments

GETTLER-RYAN INC.

September 1, 2009
G-R Job #386473

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

RE: Second Semi-Annual Event of August 10, 2009
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-4612
3616 San Leandro Street
Oakland, California

Dear Ms. Frerichs:

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

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

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

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

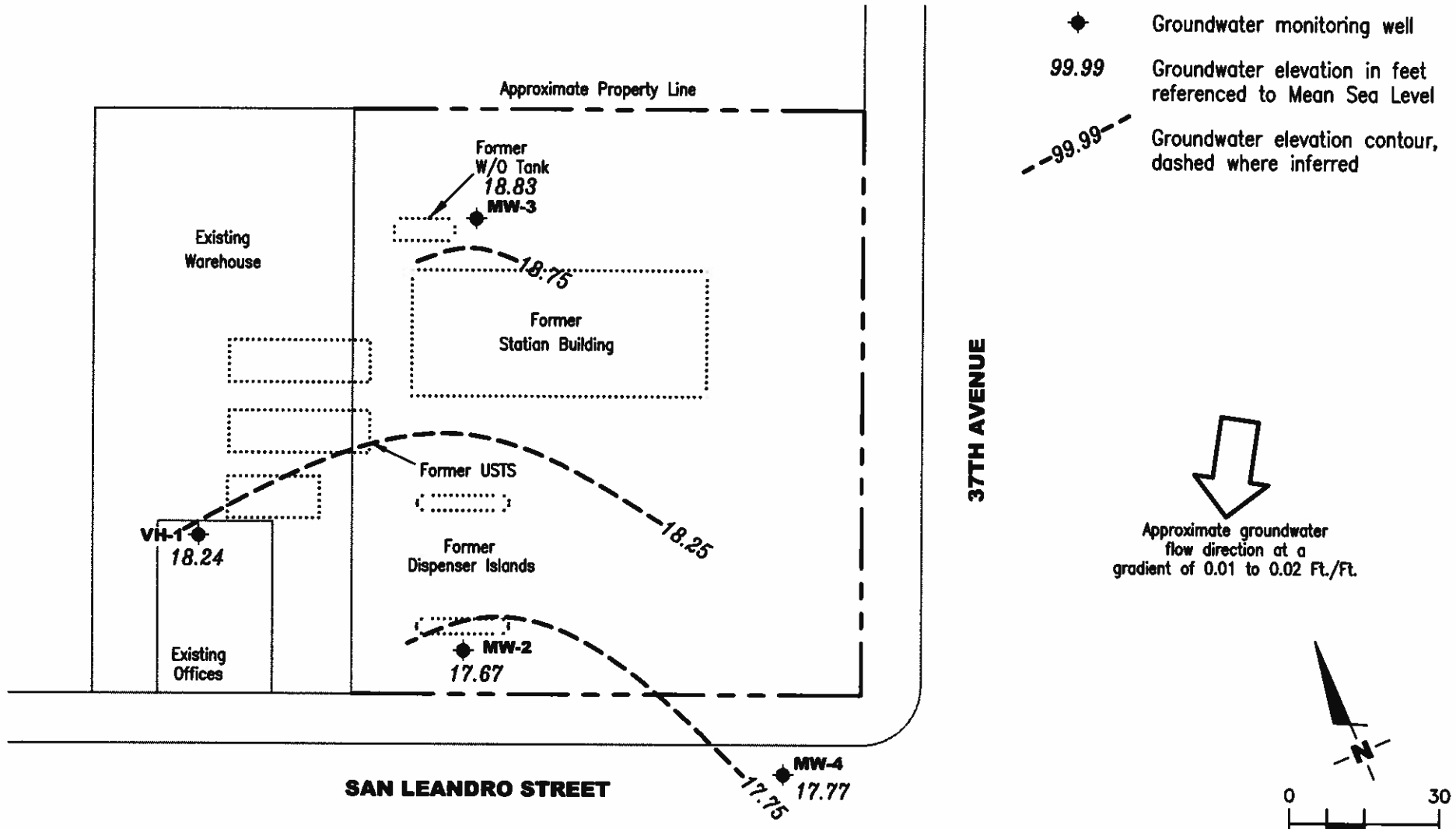
Sincerely,

Deanna L. Harding
Project Coordinator

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

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

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



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

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

POTENTIOMETRIC MAP
Former Chevron Service Station #9-4612
3616 San Leandro Street
Oakland, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
386473		August 10, 2009	

FILE NAME: P:\Enviro\Chevron\9-4612\009-9-4612.dwg | Layout Tab: Pot3

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
VH-1											
08/10/88	--	--	13.00	--	11,000	3,300	200	520	540	--	--
06/01/89	--	--	10.32	--	15,000	2,200	120	540	310	--	--
09/15/89	--	--	15.69	--	5,600	1,900	90	350	160	--	--
12/08/89	--	--	14.77	--	11,000	1,900	69	270	99	--	--
03/07/91	--	--	11.26	--	4,500	820	39	120	77	--	--
09/24/91	--	--	12.98	--	3,300	520	19	39	27	--	--
01/08/92	--	--	13.77	--	5,000	600	34	81	76	--	--
04/20/92	--	--	8.18	--	7,400	670	60	110	140	--	--
03/26/93	27.85	21.14	6.71	--	4,900	600	40	72	94	--	--
05/27/93	27.85	19.27	8.58	--	13,000	1,600	120	230	220	--	--
08/18/93	27.85	17.39	10.46	--	2,700	210	10	8.1	18	--	--
11/03/93	27.85	15.28	12.57	--	4,600	680	42	35	68	--	--
02/10/94	27.85	18.77	9.08	--	1,900	260	19	22	29	--	--
05/12/94	27.85	19.76	8.09	--	2,000	390	28	3.9	29	--	--
08/26/94	27.85	17.10	10.75	--	4,900	500	<5.0	23	31	--	--
11/14/94	27.85	18.40	9.45	300	760	69	<2.0	<2.0	2.2	--	--
02/01/95	27.85	21.88	5.97	--	1,300	120	5.9	<0.5	13	--	--
05/12/95	27.85	20.14	7.71	--	4,400	460	31	45	49	--	--
08/22/95	27.85	18.59	9.26	--	2,900	310	15	28	32	--	--
12/19/95	27.85	19.05	8.80	--	930	53	<2.5	<2.5	<2.5	39	--
01/31/96	27.85	22.35	5.50	--	3,700	320	<10	41	40	180	--
04/30/96	27.85	19.81	8.04	--	3,900	270	<20	<20	<20	120	--
08/01/96	27.85	18.67	9.18	--	2,700	140	11	18	28	200	--
10/30/96	27.85	18.67	10.76	--	2,700	140	<12	<12	<12	280	--
02/07/97	27.85	19.75	8.10	--	220	13	0.6	<0.5	1.6	15	--
05/07/97	27.85	18.33	9.52	--	5,200	33	12	21	26	330	--
07/22/97	27.85	17.43	10.42	--	4,200	80	<10	16	24	400	--
11/03/97	27.85	16.85	11.00	--	2,400	150	6.8	6.5	9.5	510	--
01/28/98	27.85	20.75	7.10	--	850	69	4.8	5.0	11	38/48[12]	--
05/08/98	27.85	20.14	7.71	--	4,200	200	30	40	42	310/200[12]	--
07/29/98	27.85	18.40	9.45	--	3,800	54	10	27	30	35/290[12]	--
11/06/98	27.85	17.15	10.70	--	4,800	100	20	12	23	360/210[12]	--
02/09/99[5]	27.85	21.87	5.98	--	2,950	79.5	<10	<10	<10	435/312[12]	--
05/13/99	27.85	19.71	8.14	--	4,180	147	12.8	16.5	20.3	433245[12]	--
09/07/99	27.85	17.94	9.91	--	2,750	57.6	<5.0	6.53	<5.0	297/233[12]	--
11/24/99	27.85	17.36	10.49	--	2,550	38	3.18	2.54	5.21	216[1,12]	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE		TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
VH-1 (cont)												
02/25/00		27.85	21.20	6.65	--	120	2.7	<0.5	<0.5	<0.5	20.5/11.9[12]	--
05/10/00		27.85	19.76	8.09	--	1,400[8]	63	3.3	3.1	4.9	230/110[12]	--
7/31/00[11]		27.85	18.30	9.55	--	360[8]	22	2.7	1.6	3.1	100/88[12]	--
10/30/00[11]		27.85	17.91	9.94	--	987[10]	47.0	1.00	<0.500	1.80	153/130[12]	--
02/05/01		27.91	19.23	8.68	--	2,670	42.7	<5.00	<5.00	<5.00	225/160[12]	--
05/07/01[11]		27.91	19.61	8.30	--	1,800[6]	100	8.2	10	7.9	440/110[12]	--
08/06/01[11]		27.91	18.09	9.82	--	1,000[6]	67	6.1	2.1	7.1	270/140[12]	--
11/12/01[11]		27.91	17.29	10.62	--	220	1.2	<0.50	<0.50	<1.5	63/61[12]	--
02/11/02[11]		27.91	19.83	8.08	--	1,700	33	<5.0	6.3	3.8	64/52[12]	--
05/13/02[11]		27.91	19.21	8.70	--	2,700	54	4.1	5.6	6.2	100/80[12]	--
08/09/02[11]		27.91	18.50	9.41	--	2,400	37	2.4	1.2	3.4	86/89[12]	--
11/07/02[11]		27.91	17.34	10.57	--	150	1.3	<0.50	<0.50	<1.5	56/50[12]	--
02/04/03[11]		27.91	19.63	8.28	--	1,700	40	3.1	7.8	5.0	100/53[12]	--
05/05/03[11]		27.91	20.41	7.50	--	2,100	44	3.4	3.7	5.2	96/62[12]	--
09/06/03[11,14]		27.91	18.31	9.60	--	690	7	0.6	<0.5	0.6	59	--
11/14/03[11,14]		27.91	17.99	9.92	--	1,000	3	0.6	2	0.7	47	--
02/13/04[14,15]		27.91	19.98	7.93	--	2,400	30	2	4	3	47	--
05/13/04[14]		27.91	19.24	8.67	--	1,900	49	4	3	5	74	--
08/17/04[14]		27.91	18.26	9.65	--	1,800	11	1	0.9	2	58	--
11/10/04		27.91	INACCESSIBLE		--	--	--	--	--	--	--	--
02/08/05[14]		27.91	20.08	7.83	--	2,700	26	3	4	5	48	--
06/03/05[14]		27.91	19.71	8.20	--	3,100	40	5	6	9	45	--
08/05/05[14]		27.91	17.81	10.10	--	2,500	34	4	0.6	6	46	--
12/02/05[14]		27.91	18.93	8.98	--	3,500	69	7	2	8	57	--
03/03/06[14]	NP[18]	27.91	20.66	7.25	--	4,100	37	6	6	8	40	--
05/31/06[14]	NP[18]	27.91	19.74	8.17	--	4,100	33	5	3	8	34	--
08/18/06[14]		27.91	18.79	9.12	--	3,300	23	4	1	5	33	--
11/17/06[14]		27.91	18.64	9.27	--	3,200	18	3	0.6	3	33	--
02/09/07[14]	NP[18]	27.91	19.53	8.38	--	3,600	23	4	2	5	28	--
05/11/07[14]	NP[18]	27.91	19.53	8.38	--	3,200	14	3	1	5	26	--
08/10/07[14]	NP[18]	27.91	18.41	9.50	--	2,400	10	2	0.6	3	21	--
11/08/07[14]	NP[18]	27.91	18.25	9.66	--	3,000	10	2	0.5	2	18	--
02/07/08[14]	NP[18]	27.91	20.76	7.15	--	4,000	14	3	5	5	14	--
05/02/08[14]	NP[18]	27.91	18.96	8.95	--	3,000	14	3	2	4	17	--
07/31/08[14]	NP[18]	27.91	18.23	9.68	--	2,700	13	2	0.8	3	14	--
11/13/08[14]	NP[18]	27.91	17.73	10.18	--	2,500	6	1	<0.5	1	12	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE		TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
VH-1 (cont)												
02/02/09[14]	NP[18]	27.91	18.00	9.91	--	4,000	7	1	<0.5	1	12	--
05/01/09[14]	NP[18]	27.91	18.75	9.16	--	3,900	20	3	3	6	15	--
08/10/09[14]	**NP[18]**	**27.91**	**18.24**	**9.67**	**--**	**1,400**	**6**	**1**	**<0.5**	**1**	**11**	**--**
MW-2												
02/16/93		27.51	--	--	--	9,200	720	110	250	170	--	--
03/26/93		27.51	19.89	7.62	--	--	--	--	--	--	--	--
05/27/93		27.51	18.04	9.47	--	360	5.3	2.1	1.8	2.5	--	--
08/18/93		27.51	16.46	11.05	--	9,400	1,100	76	110	100	--	--
11/03/93		27.51	14.56	12.95	--	8,600	390	20	2.7	120	--	--
02/10/94		27.51	17.72	9.79	--	2,700	370	38	44	41	--	--
05/12/94		27.51	18.59	8.92	--	3,800	650	76	15	62	--	--
08/26/94		27.51	16.14	11.37	--	16,000	1,300	270	28	120	--	--
11/14/94		27.51	17.48	10.03	--	5,100	390	10	43	27	--	--
02/01/95		27.51	20.47	7.04	--	6,900	520	82	170	110	--	--
05/12/95		27.51	18.76	8.75	--	7,700	510	83	110	100	--	--
08/22/95		27.51	17.35	10.16	--	4,500	220	16	61	47	--	--
12/19/95		27.51	18.05	9.46	--	2,900	240	<10	19	18	220	--
01/31/96		27.51	21.91	5.60	--	3,900	320	18	72	39	<25	--
04/30/96		27.51	18.68	8.83	--	5,600	200	36	55	47	170	--
08/01/96		27.51	17.25	10.26	--	6,200	190	15	62	59	220	--
10/30/96		27.51	17.25	11.48	--	5,700	190	<25	67	36	260	--
02/07/97		27.51	18.11	9.40	--	8,300	210	34	70	59	330	--
05/07/97		27.51	17.57	9.94	--	6,900	190	12	38	37	530	--
07/22/97		27.51	16.36	11.15	--	10,000	18	25	62	41	630	--
11/03/97		27.51	15.93	11.58	--	6,500	260	8.5	26	14	590/9.6[4,12]	--
01/28/98		27.51	19.38	8.13	--	6,700	65	13	67	54	280/94[12]	--
05/08/98		27.51	18.89	8.62	--	5,500	91	38	43	61	220/62[12]	--
07/29/98		27.51	17.06	10.45	--	3,600	41	8.9	3.6	14	16/94[12]	--
11/06/98		27.51	15.89	11.62	--	6,900	77	<5.0	14	17	290/110[12]	--
02/09/99[5]		27.51	20.61	6.90	--	8,070	75.6	<10	<10	<10	397/144[12]	--
05/13/99		27.51	18.21	9.30	--	5,890	120	<5.0	12.5	26.6	401/69.4[12]	--
09/07/99		27.51	16.57	10.94	--	5,820	41.2	<5.0	14.6	<5.0	260/145[12]	--
11/24/99		27.51	15.98	11.53	--	5,940	40.9	<10	10.8	<10	120[1,12]	--
02/25/00		27.51	21.00	6.51	--	6,370	101	9.37	39.8	33.2	321/121[12]	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-2 (cont)											
05/10/00	27.51	18.49	9.02	--	6,100[8]	110	13	27	31	560/120[12]	--
07/31/00[11]	27.51	17.18	10.33	--	3,000[8]	75	14	28	28	200/130[12]	--
10/30/00[11]	27.51	16.95	10.56	--	6,810[10]	162	<5.00	8.05	<15.0	372/140[12]	--
02/05/01[11]	28.05	18.47	9.58	--	5,860	28.4	6.86	16.2	11.8	285/140[12]	--
05/07/01[11]	28.05	18.85	9.20	--	4,700[6]	120	15	30	42	540/88[12]	--
08/06/01[11]	28.05	17.31	10.74	--	3,700[6]	120	<20	28	33	490/110[12]	--
11/12/01[11]	28.05	16.60	11.45	--	7,000	29	<10	27	22	93/98[12]	--
02/11/02[11]	28.05	18.99	9.06	--	5,900	43	15	24	27	90/86[12]	--
05/13/02[11]	28.05	18.41	9.64	--	5,500	26	5.2	23	26	120/47[12]	--
08/09/02[11]	28.05	17.76	10.29	--	5,700	26	3.7	26	50	100/69[12]	--
11/07/02[11]	28.05	16.78	11.27	--	5,900	33	4.4	23	21	<100/69[12]	--
02/04/03[11]	28.05	18.92	9.13	--	5,400	22	4.7	13	14	<50/55[12]	--
05/05/03[11]	28.05	19.67	8.38	--	4,500	23	4.7	12	15	<50/31[12]	--
09/06/03[11,14]	28.05	17.65	10.40	--	3,200	13	2	7	7	54	--
11/14/03[11,14]	28.05	17.43	10.62	--	4,000	11	2	7	6	55	--
02/13/04[14,15]	28.05	19.26	8.79	--	6,200	6	2	8	8	31	--
05/13/04[14]	28.05	18.49	9.56	--	3,200	6	3	13	11	34	--
08/17/04[14]	28.05	17.57	10.48	--	4,300	7	1	6	5	46	--
11/10/04[14]	28.05	18.52	9.53	--	3,000	5	1	6	7	37	--
02/08/05[14]	28.05	19.34	8.71	--	4,700	3	2	10	8	22	--
06/03/05[14]	28.05	19.04	9.01	--	4,100	4	3	15	11	23	--
08/05/05[14]	28.05	18.29	9.76	--	3,500	4	1	<0.5	8	23	--
12/02/05[14]	28.05	18.41	9.64	--	2,900	4	2	3	3	24	--
03/03/06[14]	28.05	20.01	8.04	--	3,800	5	6	4	5	9	--
05/31/06[14]	28.05	19.04	9.01	--	4,600	2	1	3	3	8	--
08/18/06[14]	28.05	18.14	9.91	--	4,300	2	1	11	7	14	--
11/17/06[14]	28.05	18.10	9.95	--	4,600	2	0.7	7	4	14	--
02/09/07[14]	28.05	18.95	9.10	--	3,600	1	0.6	3	3	9	--
05/11/07[14]	28.05	18.93	9.12	--	3,600	2	1	5	5	8	--
08/10/07[14]	28.05	17.85	10.20	--	3,600	1	1	7	4	9	--
11/08/07[14]	28.05	17.70	10.35	--	3,600	2	0.7	5	2	7	--
02/07/08[14]	28.05	20.13	7.92	--	5,000	1	1	5	3	5	--
05/02/08[14]	28.05	18.56	9.49	--	3,300	1	0.9	3	2	4	--
07/31/08[14]	28.05	17.70	10.35	--	3,000	2	0.6	2	1	5	--
11/13/08[14]	28.05	17.24	10.81	--	3,800	2	0.5	2	0.8	4	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-2 (cont)											
02/02/09[14]	28.05	18.08	9.97	--	3,500	2	0.6	2	1	5	--
05/01/09[14]	28.05	18.35	9.70	--	3,900	2	1	4	3	4	--
08/10/09[14]	**28.05**	**17.67**	**10.38**	--	**3,100**	**2**	**0.8**	**2**	**1**	**4**	--
MW-3											
02/16/93	28.50	--	--	--	3,500	<0.5	8.1	4.6	7.7	--	--
03/26/93	28.50	21.32	7.18	--	--	--	--	--	--	--	--
05/27/93	28.50	19.17	9.33	--	4,200	580	84	150	100	--	--
08/18/93	28.50	16.50	12.00	1,400	910	12	3.7	6.2	3.8	--	<5,000
11/03/93	28.50	15.21	13.29	--	5,300	29	1.9	0.6	27	--	--
02/10/94	28.50	18.87	9.63	<50	63	<0.5	0.7	<0.5	<0.5	--	--
05/12/94	28.50	19.73	8.77	84	<50	<0.5	0.5	<0.5	<0.5	--	--
08/26/94	28.50	17.08	11.42	--	2,100	12	<0.5	5.0	0.5	--	--
11/14/94	28.50	18.43	10.07	--	140	0.78	<0.5	<0.5	<0.5	--	--
02/01/95	28.50	22.21	6.29	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/12/95	28.50	20.43	8.07	540[2]	330	13	1.1	1.9	0.69	--	--
08/22/95	28.50	18.55	9.95	550[2]	980	32	<1.0	<1.0	<1.0	--	--
12/19/95	28.50	19.10	9.40	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/31/96	28.50	23.45	5.05	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/30/96	28.50	20.10	8.40	240[2]	320	2.4	<0.5	0.75	<0.5	7.8	--
08/01/96	28.50	18.70	9.80	470[2]	980	9.6	<0.5	0.98	2.2	54	--
10/30/96	28.50	18.70	11.48	760[2]	2,000	14	<10	<10	<10	140	--
02/07/97	28.50	19.90	8.60	61[2]	200[2]	<0.5	<0.5	<0.5	<0.5	8.9	--
05/07/97	28.50	19.49	9.01	550[2]	3,500	14	3.9	3.6	8.0	160	--
07/22/97	28.50	17.38	11.12	800[2]	3,500	55	<10	<10	<10	150	--
11/03/97	28.50	16.99	11.51	910[2]	4,100	140	<5.0	<5.0	<5.0	380	--
01/28/98	28.50	21.16	7.34	--	1,100	24	<1.2	<1.2	2.8	33/6.1[12]	--
05/08/98	28.50	20.44	8.06	250[2]	990	3.6	7.7	0.7	2.2	37/7.5[12]	--
07/29/98	28.50	18.25	10.25	290[2]	1,200	13	<0.5	<0.5	1.4	11/28[12]	--
11/06/98	28.50	17.11	11.39	390[2]	2,600	5.3	<2.5	<2.5	3.0	91/41[12]	--
02/09/99[5]	28.50	22.40	6.10	184[2]	406	<1.0	4.03	<1.0	<1.0	17.7/1.97[12]	--
05/13/99	28.50	19.38	9.12	--	615	13.8	1.05	<0.5	<0.5	43.5/21.2[12]	--
09/07/99	28.50	17.77	10.73	528[2]	2,710	<5.0	<5.0	<5.0	<5.0	96.3/57.9[12]	--
11/24/99	28.50	17.37	11.13	1,070[2]	5,530	<5.0	<5.0	5.59	<5.0	66[1,12]	--
02/25/00	28.50	22.22	6.28	--	189	4.68	<0.5	<0.5	<0.5	11.9/<2.0[12]	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft)	GWE (msl)	DTW (ft)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-3 (cont)											
03/01/00	28.50	21.80	6.70	380[2]	--	--	--	--	--	--	--
05/10/00	28.50	19.90	8.60	830[7]	1,600[6]	22	<10	<10	<10	100/51[12]	--
07/31/00[11]	28.50	18.43	10.07	490[7]	2,200[6]	76	10	<5.0	13	230/52[12]	--
10/30/00[11]	28.50	17.97	10.53	580[9]	3,320[10]	<5.00	<5.00	<5.00	<15.0	147/64[12]	--
02/05/01[11]	29.04	19.78	9.26	--	3,960	<5.00	6.02	<5.00	<5.00	159/70[12]	--
05/07/01[11]	29.04	20.29	8.75	--	2,800[6]	61	12	<10	20	230/49[12]	--
05/10/01[11]	29.04	20.21	8.83	390[13]	--	--	--	--	--	--	--
08/06/01[11]	29.04	18.59	10.45	870[7]	1,600[6]	39	14	1.3	5.6	130/43[12]	--
11/12/01[11]	29.04	17.82	11.22	1,400	3,100	3.6	23	2.3	5.6	40/46[12]	--
02/11/02[11]	29.04	20.66	8.38	700	4,000	10	<5.0	4.2	5.5	44/42[12]	--
05/13/02[11]	29.04	19.84	9.20	730	2,500	18	<5.0	<5.0	5.2	44/32[12]	--
08/09/02[11]	29.04	18.87	10.17	560	2,700	17	<5.0	<5.0	<10	45/33[12]	--
11/07/02[11]	29.04	17.91	11.13	660	2,600	24	<5.0	2.0	4.8	51/37[12]	--
02/04/03[11]	29.04	20.44	8.60	370	2,200	13	1.5	2.7	5.0	<50/24[12]	--
05/05/03[11]	29.04	21.22	7.82	580	2,100	14	1.8	2.0	3.9	<20/19[12]	--
09/06/03[11,14]	29.04	18.79	10.25	780	1,800	2	0.6	0.6	1	28	--
11/14/03[11,14]	29.04	18.52	10.52	860	2,000	1	0.6	0.6	0.9	30	--
02/13/04[14,15]	29.04	20.76	8.28	590	3,600	1	0.6	1	2	21	--
05/13/04[14]	29.04	19.87	9.17	670	1,600	1	<0.5	0.5	1	20	--
08/17/04[14]	29.04	18.79	10.25	900	2,500	1	<0.5	<0.5	0.7	25	--
11/10/04[14]	29.04	19.81	9.23	780	1,500	1	0.6	0.5	1	27	--
02/08/05[14]	29.04	20.92	8.12	530	2,500	1	0.6	2	3	11	--
06/03/05[14]	29.04	20.47	8.57	600	1,700	1	<0.5	0.7	1	9	--
08/05/05[14]	29.04	18.44	10.60	530[16]	980	0.6	<0.5	<0.5	0.8	9	--
12/02/05[14]	29.04	19.46	9.58	1,400[17]	2,400	1	2	0.8	1	7	--
03/03/06[14]	29.04	21.46	7.58	530	2,300	0.8	1	<0.5	1	4	--
05/31/06[14]	29.04	20.51	8.53	480	2,700	0.6	<0.5	<0.5	0.8	4	--
08/18/06[14]	29.04	19.33	9.71	410	2,700	<0.5	<0.5	<0.5	0.6	6	--
11/17/06[14]	29.04	19.23	9.81	390	2,600	<0.5	<0.5	<0.5	1	4	--
02/09/07[14]	29.04	20.16	8.88	640	2,100	<0.5	<0.5	<0.5	1	3	--
05/11/07[14]	29.04	20.33	8.71	350	1,400	<0.5	<0.5	<0.5	2	2	--
08/10/07[14]	29.04	19.06	9.98	340	1,300	<0.5	<0.5	<0.5	1	2	--
11/08/07[14]	29.04	18.93	10.11	440	1,400	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/08[14]	29.04	21.76	7.28	320	2,100	<0.5	0.7	1	2	0.7	--
05/02/08[14]	29.04	19.86	9.18	260	1,300	<0.5	<0.5	<0.5	<0.5	2	--
07/31/08[14]	29.04	18.91	10.13	500	2,900	<0.5	<0.5	<0.5	<0.5	1	--

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Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-3 (cont)											
11/13/08[14]	29.04	18.46	10.58	880	1,800	<0.5	<0.5	<0.5	<0.5	2	--
02/02/09[14]	29.04	19.46	9.58	310[19]	2,000	<0.5	<0.5	<0.5	<0.5	2	--
05/01/09[14]	29.04	19.64	9.40	51[20]	1,500	<0.5	<0.5	<0.5	<0.5	2	--
08/10/09[14]	**29.04**	**18.83**	**10.21**	**470**	**1,300**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**3**	**--**
MW-4											
08/22/95	27.27	18.16	9.11	--	9,600	100	<10	<10	<10	--	--
12/19/95	27.27	18.97	8.30	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/31/96	27.27	21.67	5.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/30/96	27.27	20.27	7.00	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/01/96	27.27	18.12	9.15	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
10/30/96	27.27	18.12	10.74	--	110	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/07/97	27.27	19.47	7.80	--	80	<0.5	<0.5	<0.5	<0.5	4.1	--
05/07/97	27.27	21.42	5.85	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/97	27.27	17.22	10.05	--	150	<0.5	<0.5	<0.5	<0.5	<2.5	--
11/03/97	27.27	16.55	10.72	--	52	0.9	<0.5	<0.5	<0.5	--[3]	--
01/28/98	27.27	20.76	6.51	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
05/08/98	27.27	20.25	7.02	--	56	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
07/29/98	27.27	18.32	8.95	--	<50	0.9	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
11/06/98	27.27	16.68	10.59	--	72	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
02/09/99	27.27	21.41	5.86	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0/<1.1[12]	--
05/13/99	27.27	19.32	7.95	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0/<2.0[12]	--
09/07/99	27.27	17.79	9.48	--	70.2	<0.5	<0.5	<0.5	<0.5	<2.0/<1.0[12]	--
11/24/99	27.27	17.22	10.05	--	227	<0.5	<0.5	<0.5	<0.5	<0.5[12]	--
02/25/00	27.27	INACCESSIBLE		--	--	--	--	--	--	--	--
03/01/00	27.27	21.10	6.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5/<2.0[12]	--
05/10/00	27.27	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
07/31/00	27.27	17.90	9.37	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[12]	--
10/30/00	27.27	17.80	9.47	--	54.0[10]	<0.500	<0.500	<0.500	<1.50	<2.50/<2.0[12]	--
02/05/01	27.27	INACCESSIBLE - CAR PARKED OVER WELL				--	--	--	--	--	--
05/07/01	27.27	19.46	7.81	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5/<2.0[12]	--
08/06/01	27.27	17.49	9.78	--	<50	1.1	0.52	<0.50	1.1	6.0/<2.0[12]	--
11/12/01	27.27	16.86	10.41	--	93	<0.50	<0.50	<0.50	<1.5	<2.5/<2[12]	--
02/11/02	27.27	19.63	7.64	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[12]	--
05/13/02	27.27	18.95	8.32	--	54	<0.50	0.84	<0.50	<1.5	<2.5/<2[12]	--

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Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-4 (cont)											
08/09/02	27.27	18.02	9.25	--	54	<0.50	<0.50	<0.50	<1.5	<2.5/<2[12]	--
11/07/02	27.27	16.85	10.42	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<2[12]	--
02/04/03	27.27	19.52	7.75	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5/<0.5[12]	--
05/05/03	27.27	20.37	6.90	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5/<0.5[12]	--
09/06/03[14]	27.27	17.77	9.50	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/14/03[14]	27.27	17.47	9.80	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/13/04[14]	27.27	19.91	7.36	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/13/04[14]	27.27	18.99	8.28	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/17/04[14]	27.27	17.64	9.63	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/10/04[14]	27.27	18.81	8.46	--	52	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/08/05[14]	27.27	20.07	7.20	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/03/05[14]	27.27	19.66	7.61	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/05/05[14]	27.27	17.83	9.44	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/02/05[14]	27.27	18.92	8.35	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/06[14]	27.27	20.82	6.45	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/31/06[14]	27.27	19.76	7.51	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/18/06[14]	27.27	18.85	8.42	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/17/06[14]	27.27	18.31	8.96	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/09/07[14]	27.27	19.54	7.73	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/11/07[14]	27.27	19.67	7.60	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/10/07[14]	27.27	18.26	9.01	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/08/07[14]	27.27	18.01	9.26	--	<50	<0.5	<0.5	<0.5	1	1	--
02/07/08[14]	27.27	20.89	6.38	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/02/08[14]	27.27	19.15	8.12	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/31/08[14]	27.27	17.99	9.28	--	75	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/13/08[14]	27.27	17.34	9.93	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/02/09[14]	27.27	18.25	9.02	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/01/09[14]	27.27	18.98	8.29	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/10/09[14]	**27.27**	**17.77**	**9.50**	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--
TRIP BLANK											
05/27/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--
08/18/93	--	--	--	1,400	<50	<0.5	<0.5	<0.5	<1.5	--	<5,000
11/03/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/10/94	--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
TRIP BLANK (cont)											
05/12/94	--	--	--	84	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/26/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
11/14/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
02/01/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
05/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
08/22/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--
12/19/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/31/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
04/30/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
08/01/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
10/30/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/07/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
07/22/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
01/28/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0[12]	--
05/08/98	--	--	--	--	--	--	--	--	--	<2.0[12]	--
07/29/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0[12]	--
11/06/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/09/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
05/13/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0/<2.0[12]	--
09/07/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--
11/24/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
02/25/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0	--
03/01/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--
05/10/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
07/31/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
10/30/00	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<1.50	<2.50	--
02/05/01	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--
05/07/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
05/10/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
08/06/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--
QA											
11/12/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/11/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/13/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
08/09/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (µg/L)	TPH-GRO (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
QA (cont)											
11/07/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
02/04/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--
05/05/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--
09/06/03[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/14/03[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/13/04[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/13/04[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/17/04[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/10/04[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/08/05[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
06/03/05[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/05/05[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
12/02/05[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
03/03/06[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/31/06[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/18/06[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/17/06[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/09/07[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/11/07[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/10/07[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/08/07[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/07/08[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/02/08[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
07/31/08[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
11/13/08[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
02/02/09[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
05/01/09[14]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--
08/10/09[14]	--	--	--	--	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	--

Table 1

Groundwater Monitoring Data and Analytical Results

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to May 10, 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
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
TOG = Total Oil and Grease
(µg/L) = Micrograms per liter
NP = No purge
-- = Not Measured/Not Analyzed
QA = Quality Assurance/Trip Blank

* TOC elevations were re-surveyed on March 8, 2001, by Virgil Chavez Land Surveying. The benchmark for the survey was a City of Oakland benchmark, being a cut square top of curb at the centerline return at the northwest corner of East 14th and 37th Avenue, (Benchmark Elevation = 38.21 feet, NGVD 29).

1 Lab could not get a good ion chromatogram match for MTBE. See laboratory report.

2 Chromatogram pattern indicates an unidentified hydrocarbon.

3 No value for MTBE could be determined; see lab report for analyses.

4 Confirmation run.

5 ORC was installed.

6 Laboratory report indicates gasoline C6-C12.

7 Laboratory report indicates unidentified hydrocarbons <C16.

8 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons <C6.

9 Laboratory report indicates unidentified hydrocarbons >C16.

10 Laboratory report indicates hydrocarbon pattern present in the requested fuel quantization range but does not resemble the pattern of the requested fuel.

11 ORC in well.

12 MTBE by EPA Method 8260.

13 Laboratory report indicates unidentified hydrocarbons C9-C17.

14 BTEX and MTBE by EPA Method 8260.

15 ORC removed from well.

16 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier and later than #2 fuel.

17 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range earlier than #2 fuel.

18 No Purge, unable to access well with truck.

19 Laboratory report indicates the LCS/LCSD recovery for the DRO analysis is outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction so all results are reported from the original extract. Similar results were obtained in both extracts.

20 Laboratory report indicates the surrogate data is outside the QC limits. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction. therefore, all results are reported from the original extract. The DRO result for the reextraction is 190 ug/l.

Table 2

Dissolved Oxygen Concentrations

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID	DATE	Before Purging (mg/L)	After Purging (mg/L)
VH-1	05/10/00	0.90	--
	07/31/00	1.25	--
	10/30/00	1.97	--
	05/07/01	1.10	--
	08/06/01	1.40	--
	11/12/01	0.90	--
	02/11/02	1.10	--
	05/13/02	0.70	--
MW-2	05/10/00	0.57	--
	07/31/00	1.26	--
	10/30/00	1.25	--
	05/07/01	0.90	--
	08/06/01	1.10	--
	11/12/01	0.80	--
	02/11/02	0.60	--
	05/13/02	0.80	--
MW-3	05/10/00	1.56	--
	07/31/00	1.46	--
	10/30/00	1.18	--
	05/07/01	0.70	--
	08/06/01	0.90	--
	11/12/01	0.50	--
	02/11/02	0.80	--
	05/13/02	1.80	--
MW-4	05/10/00	INACCESSIBLE - CAR PARKED OVER WELL	
	07/31/00	0.64	--
	10/30/00	0.97	--
	02/05/01	INACCESSIBLE - CAR PARKED OVER WELL	
	05/07/01	0.50	--
	08/06/01	0.70	--
	11/12/01	1.00	--
	02/11/02	1.00	--
	05/13/02	2.90	--

EXPLANATIONS:

(mg/L) = Milligrams per liter

-- = Not Measured

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
VH-1	02/05/01	<500	<50	160	<2.0	<2.0	<2.0
	05/07/01	--	--	110	--	--	--
	08/06/01	--	--	140	--	--	--
	11/12/01	--	--	61	--	--	--
	02/11/02	--	--	52	--	--	--
	05/13/02	--	--	80	--	--	--
	08/09/02	--	--	89	--	--	--
	11/07/02	--	--	50	--	--	--
	02/04/03	--	--	53	--	--	--
	05/05/03	--	--	62	--	--	--
	09/06/03	--	--	59	--	--	--
	11/14/03	--	--	47	--	--	--
	02/13/04	--	--	47	--	--	--
	05/13/04	--	--	74	--	--	--
	08/17/04	--	--	58	--	--	--
	11/10/04	INACCESSIBLE	--	--	--	--	--
	02/08/05	--	--	48	--	--	--
	06/03/05	--	--	45	--	--	--
	08/05/05	--	--	46	--	--	--
	12/02/05	--	--	57	--	--	--
	03/03/06	--	--	40	--	--	--
	05/31/06	--	--	34	--	--	--
	08/18/06	--	--	33	--	--	--
	11/17/06	--	--	33	--	--	--
	02/09/07	--	--	28	--	--	--
	05/11/07	--	--	26	--	--	--
	08/10/07	--	--	21	--	--	--
	11/08/07	--	--	18	--	--	--
	02/07/08	--	--	14	--	--	--
	05/02/08	--	--	17	--	--	--
	07/31/08	--	--	14	--	--	--
	11/13/08	--	--	12	--	--	--
	02/02/09	--	--	12	--	--	--
	05/01/09	--	--	15	--	--	--
	08/10/09	--	--	**11**	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-2	02/05/01	<500	<50	140	<2.0	<2.0	<2.0
	05/07/01	--	--	88	--	--	--
	08/06/01	--	--	110	--	--	--
	11/12/01	--	--	98	--	--	--
	02/11/02	--	--	86	--	--	--
	05/13/02	--	--	47	--	--	--
	08/09/02	--	--	69	--	--	--
	11/07/02	--	--	69	--	--	--
	02/04/03	--	--	55	--	--	--
	05/05/03	--	--	31	--	--	--
	09/06/03	--	--	54	--	--	--
	11/14/03	--	--	55	--	--	--
	02/13/04	--	--	31	--	--	--
	05/13/04	--	--	34	--	--	--
	08/17/04	--	--	46	--	--	--
	11/10/04	--	--	37	--	--	--
	02/08/05	--	--	22	--	--	--
	06/03/05	--	--	23	--	--	--
	08/05/05	--	--	23	--	--	--
	12/02/05	--	--	24	--	--	--
	03/03/06	--	--	9	--	--	--
	05/31/06	--	--	8	--	--	--
	08/18/06	--	--	14	--	--	--
	11/17/06	--	--	14	--	--	--
	02/09/07	--	--	9	--	--	--
	05/11/07	--	--	8	--	--	--
	08/10/07	--	--	9	--	--	--
	11/08/07	--	--	7	--	--	--
	02/07/08	--	--	5	--	--	--
	05/02/08	--	--	4	--	--	--
	07/31/08	--	--	5	--	--	--
	11/13/08	--	--	4	--	--	--
	02/02/09	--	--	5	--	--	--
	05/01/09	--	--	4	--	--	--
	08/10/09	--	--	4	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-3	02/05/01	<500	<50	70	<2.0	<2.0	<2.0
	05/07/01	--	--	49	--	--	--
	08/06/01	--	--	43	--	--	--
	11/12/01	--	--	46	--	--	--
	02/11/02	--	--	42	--	--	--
	05/13/02	--	--	32	--	--	--
	08/09/02	--	--	33	--	--	--
	11/07/02	--	--	37	--	--	--
	02/04/03	--	--	24	--	--	--
	05/05/03	--	--	19	--	--	--
	09/06/03	--	--	28	--	--	--
	11/14/03	--	--	30	--	--	--
	02/13/04	--	--	21	--	--	--
	05/13/04	--	--	20	--	--	--
	08/17/04	--	--	25	--	--	--
	11/10/04	--	--	27	--	--	--
	02/08/05	--	--	11	--	--	--
	06/03/05	--	--	9	--	--	--
	08/05/05	--	--	9	--	--	--
	12/02/05	--	--	7	--	--	--
	03/03/06	--	--	4	--	--	--
	05/31/06	--	--	4	--	--	--
	08/18/06	--	--	6	--	--	--
	11/17/06	--	--	4	--	--	--
	02/09/07	--	--	3	--	--	--
	05/11/07	--	--	2	--	--	--
	08/10/07	--	--	2	--	--	--
	11/08/07	--	--	<0.5	--	--	--
	02/07/08	--	--	0.7	--	--	--
	05/02/08	--	--	2	--	--	--
	07/31/08	--	--	1	--	--	--
	11/13/08	--	--	2	--	--	--
	02/02/09	--	--	2	--	--	--
	05/01/09	--	--	2	--	--	--
	08/10/09	--	--	**3**	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID	DATE	ETHANOL (µg/L)	TBA (µg/L)	MTBE (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-4	05/07/01	--	--	<2.0	--	--	--
	08/06/01	--	--	<2.0	--	--	--
	11/12/01	--	--	<2	--	--	--
	02/11/02	--	--	<2	--	--	--
	05/13/02	--	--	<2	--	--	--
	08/09/02	--	--	<2	--	--	--
	11/07/02	--	--	<2	--	--	--
	02/04/03	--	--	<0.5	--	--	--
	05/05/03	--	--	<0.5	--	--	--
	09/06/03	--	--	<0.5	--	--	--
	11/14/03	--	--	<0.5	--	--	--
	02/13/04	--	--	<0.5	--	--	--
	05/13/04	--	--	<0.5	--	--	--
	08/17/04	--	--	<0.5	--	--	--
	11/10/04	--	--	<0.5	--	--	--
	02/08/05	--	--	<0.5	--	--	--
	06/03/05	--	--	<0.5	--	--	--
	08/05/05	--	--	<0.5	--	--	--
	12/02/05	--	--	<0.5	--	--	--
	03/03/06	--	--	<0.5	--	--	--
	05/31/06	--	--	<0.5	--	--	--
	08/18/06	--	--	<0.5	--	--	--
	11/17/06	--	--	<0.5	--	--	--
	02/09/07	--	--	<0.5	--	--	--
	05/11/07	--	--	<0.5	--	--	--
	08/10/07	--	--	<0.5	--	--	--
	11/08/07	--	--	1	--	--	--
	02/07/08	--	--	<0.5	--	--	--
	05/02/08	--	--	<0.5	--	--	--
	07/31/08	--	--	<0.5	--	--	--
	11/13/08	--	--	<0.5	--	--	--
	02/02/09	--	--	<0.5	--	--	--
	05/01/09	--	--	<0.5	--	--	--
	08/10/09	--	--	<0.5	--	--	--

Table 3

Groundwater Analytical Results - Oxygenate Compounds

Former Chevron Service Station #9-4612
3616 San Leandro Street
Oakland, California

EXPLANATIONS:

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

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4612 | Job Number: 386473
Site Address: 3616 San Leandro Street | Event Date: 8-10-09 (inclusive)
City: Oakland, CA | Sampler: SH

Well ID: VH-1 | Date Monitored: 8-10-09
Well Diameter: 2 (4) in.
Total Depth: 28.47 ft.
Depth to Water: 9.67 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.

18.80 xVF .66 = 12.41 x3 case volume = Estimated Purge Volume: 38 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.43

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

Sampling Equipment:
Disposable Bailer X
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: Clear
Sample Time/Date: 0915 / 8-10-09 | Water Color: Clear | Odor: (Y) N strong
Approx. Flow Rate: — gpm. | Sediment Description: light
Did well de-water? — If yes, Time: — Volume: — gal. DTW @ Sampling: 9.67

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C F)	D.O. (mg/L)	ORP (mV)
0915	6	7.21	838	19.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
VH-1	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	x 500ml ambers	YES	NP	LANCASTER	TPH-DRO (8015)

COMMENTS: Well in bathroom of building, unable to access with sampling truck, NO purge sample taken

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4612 | Job Number: 386473
Site Address: 3616 San Leandro Street | Event Date: 8-10-09 (inclusive)
City: Oakland, CA | Sampler: SH

Well ID: MW-2
Well Diameter: (2) 4 in.
Total Depth: 19.36 ft.
Depth to Water: 10.38 ft.
Date Monitored: 8-10-09

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.

8.98 xVF .17 = 1.53 x3 case volume = Estimated Purge Volume: 5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.18

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

Sampling Equipment:
Disposable Bailer: X
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): 1023
Sample Time/Date: 1100 / 8-10-09
Approx. Flow Rate: — gpm.
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 10.75

Weather Conditions: Clear
Water Color: Cloudy Odor: Y / (N)
Sediment Description: light

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1030	1.5	6.79	717	21.0		
1036	3	6.83	721	20.3		
1041	5	6.85	724	20.7		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	x 500ml ambers	YES	NP	LANCASTER	TPH-DRO (8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4612 | Job Number: 386473
Site Address: 3616 San Leandro Street | Event Date: 8-10-09 (inclusive)
City: Oakland, CA | Sampler: SH

Well ID: MW-3
Well Diameter: (2) 4 in.
Total Depth: 18.03 ft.
Depth to Water: 10.21 ft.
Date Monitored: 8-10-09

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.

7.82 xVF .17 = 1.33 x3 case volume = Estimated Purge Volume: 4 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.77

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

Sampling Equipment:
Disposable Bailer: X
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): 1117 | Weather Conditions: Clear
Sample Time/Date: 1145 / 8-10-09 | Water Color: Grey | Odor: (Y) N Slight
Approx. Flow Rate: — gpm. | Sediment Description: Light
Did well de-water? NO | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 10.93

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1122	1.5	6.75	710	21.3		
1126	3	7.03	731	21.0		
1131	4	6.92	727	21.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-DRO (8015)

COMMENTS:

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

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-4612 | Job Number: 386473
Site Address: 3616 San Leandro Street | Event Date: 8-10-09 (inclusive)
City: Oakland, CA | Sampler: SH

Well ID: MW-4
Well Diameter: (2) 4 in.
Total Depth: 17.85 ft.
Depth to Water: 9.50 ft.
Date Monitored: 8-10-09

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.

8.35 xVF .17 = 1.42 x3 case volume = Estimated Purge Volume: 4.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.17

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

Sampling Equipment:
- Disposable Bailer: X
- 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): 0937 | Weather Conditions: Clear
Sample Time/Date: 1005 / 8-10-09 | Water Color: Clear | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description: light
Did well de-water? NO If yes, Time: — Volume: — gal. DTW @ Sampling: 10.32

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0942	1.5	6.97	539	20.8		
0945	3	6.86	535	20.6		
0949	4.5	6.83	532	20.5		

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)
	x 500ml ambers	YES	NP	LANCASTER	TPH-DRO (8015)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

Ø812Ø9-Ø4

For Lancaster Laboratories use only — Acct. #: 12099 — Sample #: 5748583-87 — G# 1157491 — Group #: 018776

CRA — MTI Project #: 61H-1996

Facility #: SS#9-4612 G-R#386473 Global ID#T0600100333
Site Address: 3616 SAN LEANDRO STREET, OAKLAND, CA
Chevron PM: MTI — Lead Consultant: CRAKJ
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 — Fax #: 925-551-7899
Sampler: SH

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil / 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
QA	8-10-09	—	X			X		2	X	X					
VH-1		0915	X			X		6	X	X					
MW-2		1100	X			X		6	X	X					
MW-3		1145	X			X		8	X	X	X				
MW-4	↓	1005	X			X		6	X	X					

Analyses Requested — Preservation Codes: H H

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

G# 5748583-87 (3) SMP 8/14/09

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

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

Relinquished by:	Date	Time	Received by:	Date	Time
	8-11-09	0700		08-12-09	1000
	08-12-09	1000		12AUG09	1130
	12AUG09	1630	FED EX		
Relinquished by Commercial Carrier: UPS FedEx Other					
Temperature Upon Receipt 1/3-3.4 C°			Custody Seals Intact? Yes No		

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

916-677-3407

Prepared by:

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

August 20, 2009

SAMPLE GROUP

The sample group for this submittal is 1157491. Samples arrived at the laboratory on Thursday, August 13, 2009. The PO# for this group is 94612 and the release number is MTI.

Client Description	Lancaster Labs Number
QA-T-090810 NA Water	5748583
VH-1-W-090810 Grab Water	5748584
MW-2-W-090810 Grab Water	5748585
MW-3-W-090810 Grab Water	5748586
MW-4-W-090810 Grab Water	5748587

METHODOLOGY

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

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

Lancaster Laboratories

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

Analysis Report

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

Respectfully Submitted,

Susan M Goshert

Susan M. Goshert
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5748583

Group No. 1157491
CA

QA-T-090810 NA Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 QA

Collected: 08/10/2009

Account Number: 12099

Submitted: 08/13/2009 09:05
Reported: 08/20/2009 at 18:41
Discard: 09/20/2009

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

SLOTB

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z092292AA	08/17/2009 18:28	Ginelle L Feister	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	Z092292AA	08/17/2009 18:28	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229B08A	08/18/2009 21:01	Fanella S Zamcho	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09229B08A	08/18/2009 21:01	Fanella S Zamcho	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5748584

Group No. 1157491
CA

VH-1-W-090810 Grab Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 VH-1

Collected: 08/10/2009 09:15 by SH

Account Number: 12099

Submitted: 08/13/2009 09:05
Reported: 08/20/2009 at 18:41
Discard: 09/20/2009

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

SLO01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		ug/l	ug/l	
06054	Benzene	71-43-2	6	0.5	1
06054	Ethylbenzene	100-41-4	N.D.	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	11	0.5	1
06054	Toluene	108-88-3	1	0.5	1
06054	Xylene (Total)	1330-20-7	1	0.5	1
SW-846 8015B	**GC Volatiles**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,400	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z092292AA	08/17/2009 18:53	Ginelle L Peister	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	Z092292AA	08/17/2009 18:53	Ginelle L Peister	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229B08A	08/19/2009 00:36	Fanella S Zamcho	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09229B08A	08/19/2009 00:36	Fanella S Zamcho	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 5748585

Group No. 1157491
CA

MW-2-W-090810 Grab Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 MW-2

Collected: 08/10/2009 11:00 by SH

Account Number: 12099

Submitted: 08/13/2009 09:05
Reported: 08/20/2009 at 18:41
Discard: 09/20/2009

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

SLO02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		ug/l	ug/l	
06054	Benzene	71-43-2	2	0.5	1
06054	Ethylbenzene	100-41-4	2	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	4	0.5	1
06054	Toluene	108-88-3	0.8	0.5	1
06054	Xylene (Total)	1330-20-7	1	0.5	1
SW-846 8015B	**GC Volatiles**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	3,100	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Data and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Z092292AA	08/17/2009 19:19	Ginelle L Feister	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	Z092292AA	08/17/2009 19:19	Ginelle L Feister	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229B08A	08/19/2009 10:20	Fanella S Zamcho	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09229B08A	08/19/2009 10:20	Fanella S Zamcho	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748586

Group No. 1157491
CA

MW-3-W-090810 Grab Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 MW-3

Collected: 08/10/2009 11:45 by SH

Account Number: 12099

Submitted: 08/13/2009 09:05
Reported: 08/20/2009 at 18:41
Discard: 09/20/2009

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

SLO03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
SW-846 8260B	**GC/MS Volatiles**		**ug/l**	**ug/l**	
06054	Benzene	71-43-2	N.D.	0.5	1
06054	Ethylbenzene	100-41-4	N.D.	0.5	1
06054	Methyl Tertiary Butyl Ether	1634-04-4	3	0.5	1
06054	Toluene	108-88-3	N.D.	0.5	1
06054	Xylene (Total)	1330-20-7	N.D.	0.5	1
SW-846 8015B	**GC Volatiles**		**ug/l**	**ug/l**	
01728	TPH-GRO N. CA water C6-C12	n.a.	1,300	50	1
SW-846 8015B	**GC Extractable TPH**		**ug/l**	**ug/l**	
06609	TPH-DRO CA C10-C28	n.a.	470	50	1

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F092293AA	08/17/2009 21:43	Florida A Cimino	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	F092293AA	08/17/2009 21:43	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229B08A	08/19/2009 01:48	Fanella S Zamcho	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09229B08A	08/19/2009 01:48	Fanella S Zamcho	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	092250023A	08/14/2009 12:00	Olivia Arosemena	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	092250023A	08/17/2009 13:23	Diane V Do	1

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Analysis Report

Lancaster Laboratories Sample No. WW 5748587

Group No. 1157491
CA

MW-4-W-090810 Grab Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 MW-4

Collected: 08/10/2009 10:05 by SH

Account Number: 12099

Submitted: 08/13/2009 09:05
Reported: 08/20/2009 at 18:41
Discard: 09/20/2009

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

SLO04

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

General Sample Comments

State of California Lab Certification No. 2501

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F092293AA	08/17/2009 22:05	Florida A Cimino	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	F092293AA	08/17/2009 22:05	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	09229B08A	08/19/2009 02:12	Fanella S Zamcho	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	09229B08A	08/19/2009 02:12	Fanella S Zamcho	1

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 08/20/09 at 06:41 PM

Group Number: 1157491

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: F092293AA	Sample number(s): 5748586-5748587							
Benzene	N.D.	0.5	ug/l	100		80-116		
Ethylbenzene	N.D.	0.5	ug/l	97		80-113		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	102		78-117		
Toluene	N.D.	0.5	ug/l	98		80-115		
Xylene (Total)	N.D.	0.5	ug/l	99		81-114		
Batch number: Z092292AA	Sample number(s): 5748583-5748585							
Benzene	N.D.	0.5	ug/l	105	102	80-116	3	30
Ethylbenzene	N.D.	0.5	ug/l	106	103	80-113	3	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	105	102	78-117	3	30
Toluene	N.D.	0.5	ug/l	107	105	80-115	2	30
Xylene (Total)	N.D.	0.5	ug/l	106	104	81-114	2	30
Batch number: 09229B08A	Sample number(s): 5748583-5748587							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	118	118	75-135	0	30
Batch number: 092250023A	Sample number(s): 5748586							
TPH-DRO CA C10-C28	N.D.	32.	ug/l	71	71	56-122	0	20

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: F092293AA	Sample number(s): 5748586-5748587 UNSPK: P748595								
Benzene	106	105	80-126	1	30				
Ethylbenzene	102	101	77-125	1	30				
Methyl Tertiary Butyl Ether	102	103	72-126	1	30				
Toluene	103	103	80-125	0	30				
Xylene (Total)	103	102	79-125	1	30				
Batch number: Z092292AA	Sample number(s): 5748583-5748585 UNSPK: P748476								
Benzene	108		80-126						
Ethylbenzene	111		77-125						
Methyl Tertiary Butyl Ether	103		72-126						
Toluene	112		80-125						
Xylene (Total)	110		79-125						
Batch number: 09229B08A	Sample number(s): 5748583-5748587 UNSPK: P747297								
TPH-GRO N. CA water C6-C12	109		63-154						

*- 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: 1157491
Reported: 08/20/09 at 06:41 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max

Surrogate Quality Control

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

Analysis Name: BTEX+MTBE by 8260B
Batch number: F092293AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5748586	92	90	90	103
5748587	92	90	85	98
Blank	94	92	88	101
LCS	96	91	87	100
MS	94	91	86	98
MSD	96	92	87	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: Z092292AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5748583	93	91	94	84
5748584	91	89	93	85
5748585	91	87	94	87
Blank	93	90	95	84
LCS	93	91	94	89
LCSD	93	90	93	89
MS	92	90	93	87
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 09229B08A

	Trifluorotoluene-F
5748583	102
5748584	112
5748585	176*
5748586	117
5748587	91
Blank	101
LCS	109
LCSD	108
MS	108
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28

*- 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.

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 08/20/09 at 06:41 PM

Group Number: 1157491

Surrogate Quality Control

Batch number: 092250023A

	Orthoterphenyl
5748586	81
Blank	76
LCS	84
LCSD	81
Limits:	59-131

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

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

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

ppb parts per billion

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

U.S. EPA data qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

ATTACHMENT B

ACEH LETTER DATED JULY 24, 2009

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

July 24, 2009

JOHN F RATTO
RATTO LAND COMPANY
PO BOX 6104
OAKLAND CA 946030104

STACIE HARTING-FRERICHS
CHEVRON CORPORATION
6111 BOLLINGER CANYON RD
RM 3596
SAN RAMON CA 94583

VIVIAN MCILRAITH
VIVIAN L MCILRAITH TRUST
407 CASTELLO RD
LAFAYETTE CA 94549

Subject: Fuel Leak Case No. RO0000233 and Geotracker Global ID T0600100333, CHEVRON #9-4612, 3616 SAN LEANDRO ST, Oakland CA 94601 – Groundwater Monitoring Requirements

Dear Responsible Party:

The purpose of this correspondence is to inform you of changes to groundwater monitoring requirements for all fuel leak cases in California. The California State Water Resources Control Board (State Water Board) has approved Resolution No. 2009-0042 (*Actions to Improve Administration of the UST Cleanup Fund and UST Cleanup Program*). Resolution No. 2009-0042 states that, "*Regional Water Board and LOP agencies shall reduce quarterly groundwater monitoring requirements to semiannual or less frequent monitoring at all site unless site-specific needs warrant otherwise and shall notify all responsible parties of the new requirements no later than August 1, 2009. If more than semiannual monitoring is required for a case, the responsible party and State Water board shall be notified of the rationale and the notice shall be posted on Geotracker.*"

In accordance with Resolution No. 2009-0042, groundwater monitoring for your site is to be reduced from quarterly to semiannual monitoring unless site-specific needs warrant otherwise. The semiannual monitoring is to be conducted during either the first and third quarters or during the second and fourth quarters. Please review historic groundwater monitoring results and identify the quarter during which the highest chemical concentrations typically occur in order to select the appropriate semiannual monitoring schedule. As an example, if the highest chemical concentrations in groundwater are typically reported during the first quarter, the wells should be sampled on a first and third quarter monitoring schedule.

A semiannual groundwater monitoring should be used only for wells that have been sampled over a minimum of one hydrologic cycle (four consecutive quarters). New monitoring wells should be sampled quarterly for one year before a semiannual monitoring schedule is implemented for new wells.

Any groundwater monitoring wells that are currently sampled on a less frequent schedule than semiannual (annual or longer) may continue to be sampled on the less frequent schedule. Please present results from the semiannual groundwater monitoring in groundwater monitoring reports no later than 60 days following the groundwater sampling event.

Examples of site-specific conditions where monitoring more frequent than semiannual may be warranted include but are not limited to the following:

- Assessment incomplete

- WDR permit requirement
- Well being sampled to evaluate ongoing or proposed pilot tests, interim remedial actions, or long-term remedial actions for progress assessment or where data are needed to monitor or optimize system performance.
- Well being sampled for free product evaluation and reduction verification
- Well being sampled within first year of being installed
- Well being sampled to evaluate post-remedial action verification monitoring
- Well has not shown reliable consistency yet to warren reduction on sampling frequency
- Well is last point of monitoring prior to possible impact to receptor
- Plume that is currently affecting a sensitive receptor or potentially could affect a sensitive receptor such as a water supply well.

If you have any questions, please call me at (510) 567-6876 or send me an electronic mail message at mark.detterman@acgov.org.

Sincerely,

Mark E. Detterman, PG, CEG
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: James Kiernan, Conestoga-Rovers & Assoc, 2000 Opportunity Dr, Suite 110, Roseville, CA 95678
Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032
(*Sent via E-mail to:* lgriffin@oaklandnet.com)
Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Mark Detterman, ACEH (*Sent via E-mail to: mark.detterman@acgov.org*)
Geotracker, File

RESPONSIBLE PARTY OF RECORD AS OF 07/22/2009

RO0000233, CHEVRON #9-4612, 3616 SAN LEANDRO ST , Oakland, CA, 94601

Alameda County Environmental Health (ACEH) has the following information on record regarding the Responsible Party(ies) for the above referenced site. Please update the following information for our records. Should you have contact information regarding additional Responsible Parties, please correct the information accordingly. Also, please check the "e-mail preferred" box to receive all future correspondences and notifications by e-mail.

☐ E-mail Preferred ☐ Hardcopy Preferred

ACEH is requesting your e-mail address so that we can correspond with you quickly and efficiently regarding your case. Please note that ACEH respects your privacy. Your e-mail address will remain confidential and will not be provided to any third party.

Current Information	Corrections or Additions
JOHN F RATTO RATTO LAND COMPANY PO BOX 6104 OAKLAND CA 946030104	Name: _____ Company: _____ Address: _____ City: _____ State: _____ Zip: _____ E-mail: _____ Home Phone: (____) _____ Office Phone: (____) _____ Cell Phone: (____) _____
STACIE HARTING-FRERICHS CHEVRON CORPORATION 6111 BOLLINGER CANYON RD RM 3596 SAN RAMON CA 94583 staciehf@chevron.com 9255432377 9255480010	Name: _____ Company: _____ Address: _____ City: _____ State: _____ Zip: _____ E-mail: _____ Home Phone: (____) _____ Office Phone: (____) _____ Cell Phone: (____) _____
VIVIAN MCILRAITH VIVIAN L MCILRAITH TRUST 407 CASTELLO RD LAFAYETTE CA 94549	Name: _____ Company: _____ Address: _____ City: _____ State: _____ Zip: _____ E-mail: _____ Home Phone: (____) _____ Office Phone: (____) _____ Cell Phone: (____) _____

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests; regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection.** (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document.** Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to dehloptoxic@acgov.org
         Or
      ii) Send a fax on company letterhead to (510) 337-9335, to the attention of My Le Huynh.
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for.**

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape and Firefox browsers will not open the FTP site.
   b) Click on File, then on Login As.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload.** (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO# use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.