Stacie H. Frerichs
Team Lead
Marketing Business Unit

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

February 11, 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 *Fourth Quarter 2008 Groundwater Monitoring Report* and dated February 11, 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,

SHFrerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

CONESTOGA-ROVERS
& ASSOCIATES

2000 Opportunity Dr, Suite 110, Roseville, California 95678
Telephone: 916-677-3407, ext. 100 Facsimile: 916-677-3687
www.CRAworld.com

February 11, 2009 Reference No. 611996

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

Re: Fourth Quarter 2008 Groundwater Monitoring Report
Former Chevron Service Station 9-4612
3616 San Leandro Street
Oakland, California
LOP Case #RO0000233

Dear Mr. Plunkett:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) on behalf of Chevron Environmental Management Company (Chevron) for the referenced site. The report (prepared by Gettler-Ryan Inc. and dated December 19, 2008) presents the results of the monitoring and sampling of wells VH-1, MW-2, MW-3, and MW-4 during fourth quarter 2008. The wells are monitored and sampled on a quarterly basis. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the fourth quarter 2008 analytical results along with a rose diagram. The monitoring results during 2008 are summarized below.

During 2008, petroleum hydrocarbon concentrations in the site wells generally were similar to or less than those observed during 2007. Elevated concentrations of total petroleum hydrocarbons as gasoline (TPHg) were detected in wells VH-1 (ranging from 2,500 to 4,000 micrograms per liter [µg/L]), MW-2 (ranging from 3,000 to 5,000 µg/L), and MW-3 (ranging from 1,300 to 2,900 µg/L) during 2008. 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 2008 with the exception of a low concentration (75 µg/L) during third quarter, and generally has not been detected in this well for several years. Low concentrations of benzene were detected in wells VH-1 (up to 14 µg/L) and MW-2 (up to 2 µg/L) during 2008; the benzene concentrations in these wells continue to steadily decrease and have significantly decreased since the start of monitoring. Benzene was not detected in wells MW-3 and MW-4 during 2008, and has not been detected in these wells for several years. Low concentrations of toluene (up to 3 µg/L), ethylbenzene (up to 5 µg/L), and xylenes (up to 5 µg/L) were detected in wells VH-1, MW-2, and MW-3 during 2008; these constituents were not detected in well MW-4 during 2008 and generally have not been detected in this well. Low concentrations of methyl tertiary butyl ether (MTBE) were detected in wells VH-1 (up to 17 µg/L), MW-2 (up to 5 µg/L), and MW-3 (up to 2 µg/L) during 2008. 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 880 µg/L) were also detected in well MW-3 during 2008. 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 low-risk closure. CRA recently submitted a *Case Closure Request* dated February 2, 2009 for review by Alameda County Environmental Health (ACEH). In the meantime, monitoring and sampling will continue to further evaluate groundwater quality and concentration trends.

Please contact Mr. James Kiernan at (916) 751-4102 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

FOR Christopher J. Benedict

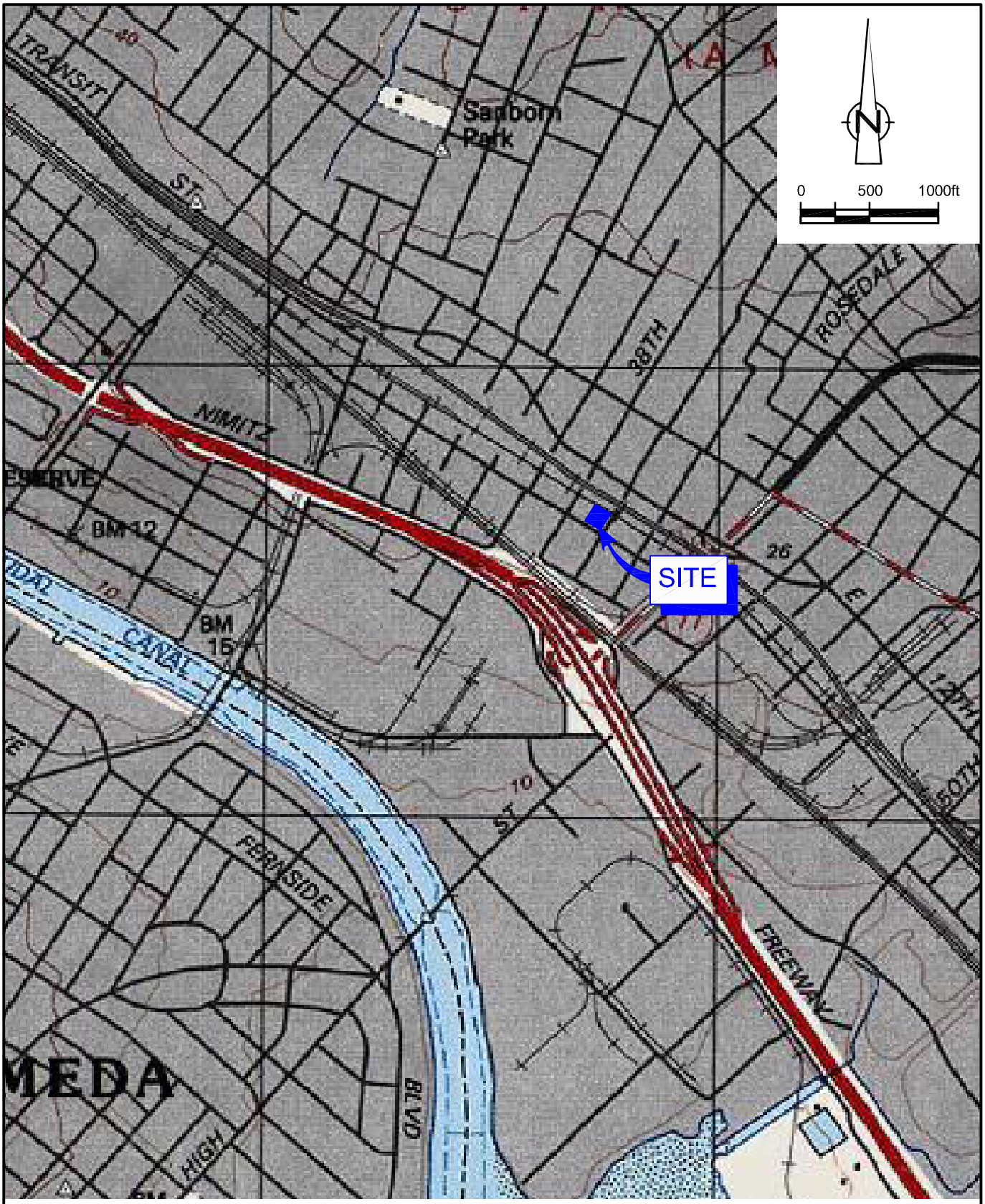
James P. Kiernan, P.E. #C68498

REGISTERED PROFESSIONAL ENGINEER
JAMES P. KIERNAN
No. 68498
Exp. 9/30/09
CIVIL
STATE OF CALIFORNIA
2/11/09

CB/kw/3
Encl.

Figure 1	Vicinity Map
Figure 2	Concentration Map – November 13, 2008
Attachment A	Fourth Quarter 2008 Groundwater Monitoring and Sampling Report

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



SOURCE: TOPO! MAPS.

figure 1

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

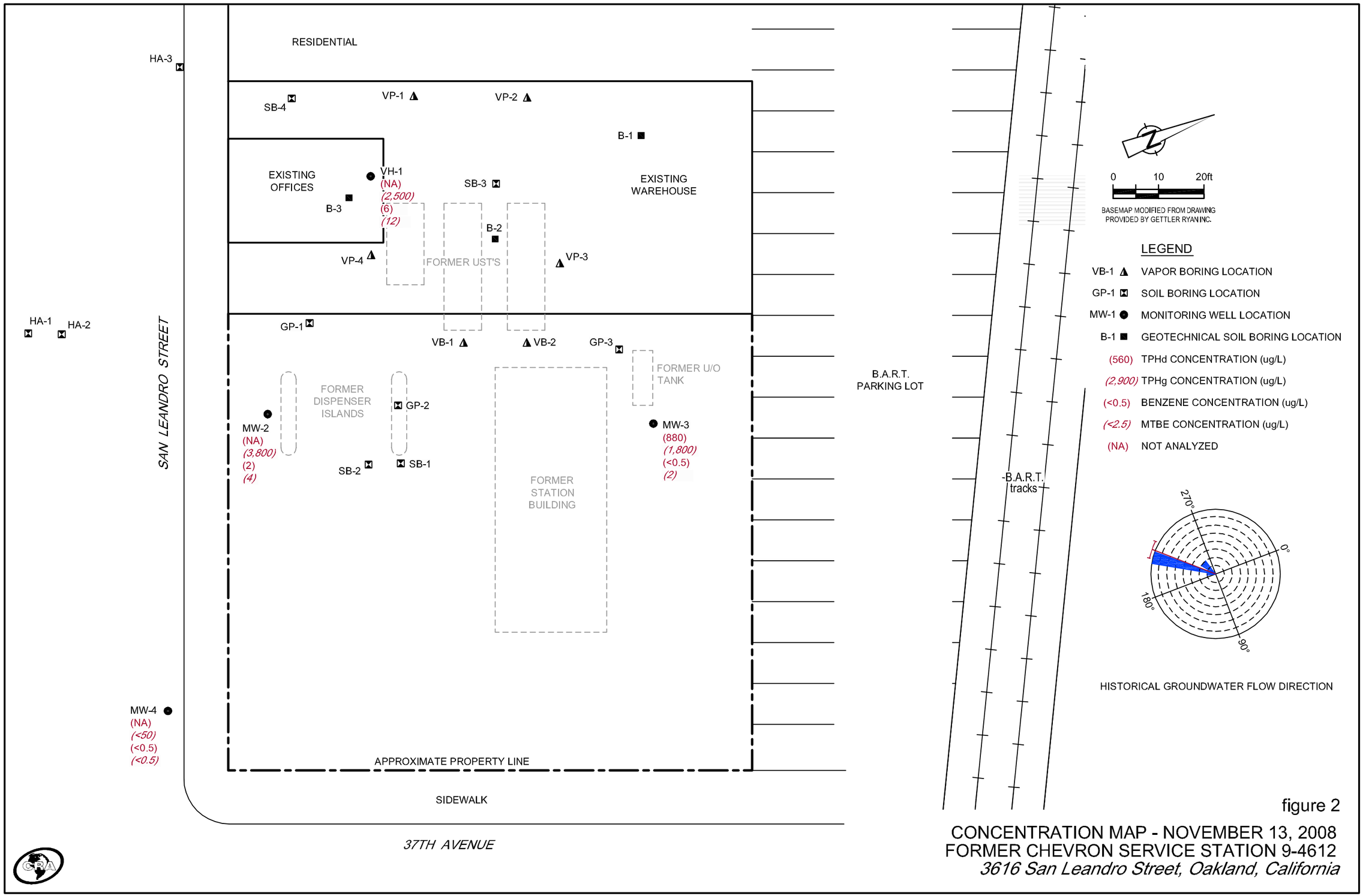


figure 2

CONCENTRATION MAP - NOVEMBER 13, 2008
FORMER CHEVRON SERVICE STATION 9-4612
3616 San Leandro Street, Oakland, California

ATTACHMENT A

FOURTH QUARTER 2008 GROUNDWATER MONITORING AND SAMPLING REPORT

GETTLER-RYAN INC.

TRANSMITTAL

December 19, 2008
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	December 19, 2008	Groundwater Monitoring and Sampling Report **Fourth Quarter Event of November 13, 2008**

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 ***January 2, 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. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 **(No Hard Copy-UPLOAD TO ALAMEDA CO.)**

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

December 19, 2008
(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 Street, Oakland, California

I have reviewed the attached routine groundwater monitoring report dated December 19, 2008.

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

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

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

Sincerely,

SHFrerichs

Stacie H. Frerichs
Project Manager

Enclosure: Report

WELL CONDITION STATUS SHEET

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

Job # 386473
Event Date: 11.13.08
Sampler: FT

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	NA	NA	NA	OK	OK	OK	N	N	WELL IS IN A UTILITY BOX 18 1/2"	
MW-2	OK	→	→	S=2	OK	→	→	↓	↓	MORRISON / 8" / 2	
MW-3	OK	→	→	S=2	OK	→	→			MORRISON / 8" / 2	
MW-4	OK	→					→			ENVO / 8" / 2	

Comments

GETTLER-RYAN INC.

December 19, 2008
G-R Job #386473

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

RE: Fourth Quarter Event of November 13, 2008
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-4612
3616 San Leandro Street
Oakland, California

Dear Ms. H. Frerichs:

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

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

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

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

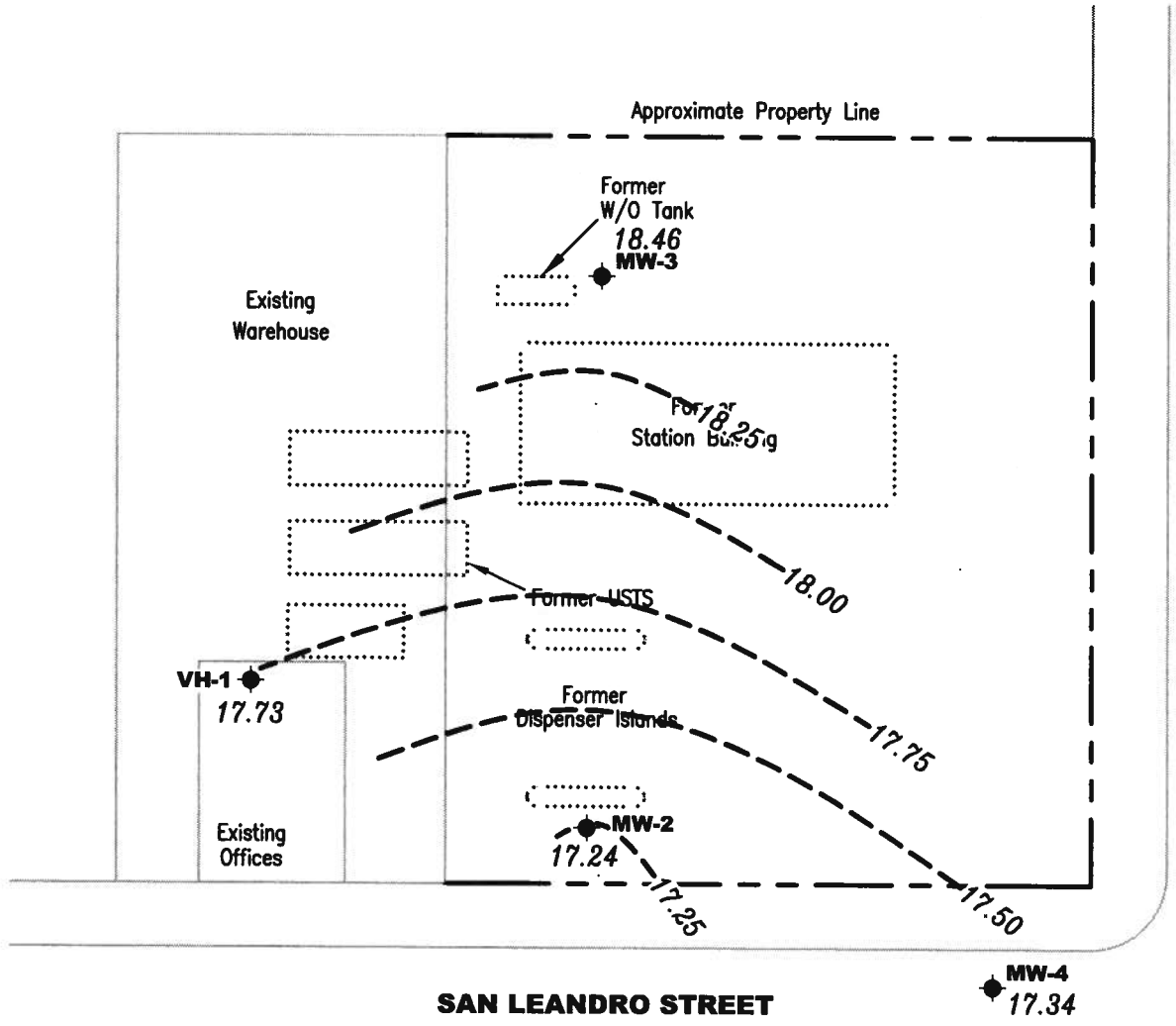
Sincerely,

Deanna L. Harding
Project Coordinator

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



EXPLANATION

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

Approximate groundwater flow direction at a gradient of 0.01 to 0.02 Ft./Ft.

N

0 30

Scale in Feet

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		November 13, 2008	

FILE NAME: P:\Enviro\Chevron\9-4612\Q08-9-4612.dwg | Layout Tab: Pot4

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-D (µg/L)	TPH-G (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-D (µg/L)	TPH-G (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-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-2											
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]	--
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]	--

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-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-2 (cont)											
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**	**--**
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

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-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-3 (cont)											
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]	--
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]	--

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Former Chevron Service Station #9-4612

3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-3 (cont)											
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	--
11/13/08[14]	**29.04**	**18.46**	**10.58**	**880**	**1,800**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**2**	**--**
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	--

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3616 San Leandro Street

Oakland, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	TPH-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-4 (cont)											
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]	--
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	--

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-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
MW-4 (cont)											
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**	--
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	--	--
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]	--

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-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
TRIP BLANK (cont)											
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	--
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	--

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-D (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TOG (µg/L)
QA (cont)											
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**	--

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-D = Total Petroleum Hydrocarbons as Diesel
TPH-G = Total Petroleum Hydrocarbons as Gasoline
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.

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**	--	--	--

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**	--	--	--

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**	--	--	--

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**	--	--	--

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: 11.13.08 (inclusive)
City: Oakland, CA | Sampler: FT

Well ID: VH-1 | Date Monitored: 11.13.08
Well Diameter: 2 (4) in.
Total Depth: 28.49 ft.
Depth to Water: 10.18 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.

18.31 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: GRAB

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: SUNNY
Sample Time/Date: 1240 / 11.13.08 | Water Color: CLEAR | 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
VH-1	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	x 500ml ambers	YES	NP	LANCASTER	TPH-D (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: 11.13.08 (inclusive)
City: Oakland, CA Sampler: FT

Well ID MW-2 Date Monitored: 11.13.08
Well Diameter (2)/4 in.
Total Depth 19.39 ft.
Depth to Water 10.81 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.

8.58 xVF .17 = 1.45 x3 case volume = Estimated Purge Volume: 4.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.52

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): 1340 Weather Conditions: SUNNY
Sample Time/Date: 1358 / 11.13.08 Water Color: CLEAR Odor: (Y) / N
Approx. Flow Rate: ✓ gpm. Sediment Description:
Did well de-water? NO If yes, Time: Volume: gal. DTW @ Sampling: 10.95

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1343	1.5	6.98	732	21.8		
1346	3.0	6.95	740	21.6		
1350	4.5	6.92	748	21.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	x 500ml ambers	YES	NP	LANCASTER	TPH-D (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: 11.13.08 (inclusive)
City: Oakland, CA | Sampler: FT

Well ID: MW-3 | Date Monitored: 11.13.08
Well Diameter: (2) 4 in.
Total Depth: 18.06 ft.
Depth to Water: 10.58 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.

7.48 xVF .17 = 1.27 x3 case volume = Estimated Purge Volume: 4.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.07

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Discrete Bailer	
Suction Pump		Peristaltic Pump	
Grundfos		QED Bladder Pump	
Peristaltic Pump		Other:	
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): 1315 | Weather Conditions: Sunny
Sample Time/Date: 1330 / 11.13.08 | Water Color: Lt. Gray Odor: (Y) / N
Approx. Flow Rate: — gpm. | Sediment Description: Slight
Did well de-water? No If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 10.65

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C) F	D.O. (mg/L)	ORP (mV)
1318	1.5	7.08	752	21.9		
1321	3.0	7.05	761	21.7		
1324	4.0	7.01	770	21.5		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	6 x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)
	2 x 500ml ambers	YES	NP	LANCASTER	TPH-D (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: 11.13.08 (inclusive)
City: Oakland, CA | Sampler: FT

Well ID: MW-4
Well Diameter: 4 in.
Total Depth: 17.88 ft.
Depth to Water: 9.93 ft.
Date Monitored: 11.13.08

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.

7.95 xVF .17 = 1.35 x3 case volume = Estimated Purge Volume: 4.0 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.52

Purge Equipment:		Sampling Equipment:	
Disposable Bailer	✓	Disposable Bailer	✓
Stainless Steel Bailer		Pressure Bailer	
Stack Pump		Discrete Bailer	
Suction Pump		Peristaltic Pump	
Grundfos		QED Bladder Pump	
Peristaltic Pump		Other:	
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): 1250 | Weather Conditions: SUNNY
Sample Time/Date: 1305 / 11.13.08 | Water Color: LT-BRN | Odor: Y / (N)
Approx. Flow Rate: — gpm. | Sediment Description:
Did well de-water? NO | If yes, Time: | Volume: gal. | DTW @ Sampling: 10.01

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1253	1.5	7.32	581	22.3		
1254	3.0	7.30	580	21.9		
1259	4.0	7.28	578	21.7		

LABORATORY INFORMATION

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

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

11 1308-06

For Lancaster Laboratories use only
Acct. #: 12099 Sample #: 5528853-57 Group #: 308889

CRA MTI Project #: 61H-1995

1120124

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: FRANK TERRINONI

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil	Matrix: Air	Potable	NPDES	Total Number of Containers	Preservation Codes	Analyses Requested: 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	11.13.06					W					2		X	X					
VH-1		1240	X								6		X	X					
MW-2		1358	X								6		X	X					
MW-3		1330	X								8		X	X	X				
MW-4		1305	X								6		X	X					

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 **EDF/EDD**
WIP (RWQCB)
Disk

	Date	Time		Date	Time
Relinquished by:	11.13.06	1550	Received by: A. Salazar 131WW68	131WW68	1550
Relinquished by: A. Salazar 131WW68		1630	Received by: FEDEX		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		0855
Temperature Upon Receipt 0.4-2.2 C°			Custody Seals Intact? Yes No		

Lancaster Laboratories

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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

916-677-3407

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1120124. Samples arrived at the laboratory on Friday, November 14, 2008. The PO# for this group is 94612 and the release number is MTI.

Client Description	Lancaster Labs Number
QA-T-081113 NA Water	5528853
VH-1-W-081113 Grab Water	5528854
MW-2-W-081113 Grab Water	5528855
MW-3-W-081113 Grab Water	5528856
MW-4-W-081113 Grab Water	5528857

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

Lancaster Laboratories

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Analysis Report

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

Respectfully Submitted,

Christine Dulaney
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

Lancaster Laboratories Sample No. WW5528853 **Group No. 1120124**

QA-T-081113 NA Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 QA
Collected:11/13/2008

Account Number: 12099

Submitted: 11/14/2008 08:55
Reported: 11/26/2008 at 14:56
Discard: 12/27/2008

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

4612Q

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	11/20/2008 19:29	Kathie J Bowman	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/23/2008 01:11	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/20/2008 19:29	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/23/2008 01:11	Kelly E Brickley	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5528854 **Group No. 1120124**

VH-1-W-081113 Grab Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 VH-1
Collected:11/13/2008 12:40 by FT

Account Number: 12099

Submitted: 11/14/2008 08:55
Reported: 11/26/2008 at 14:56
Discard: 12/27/2008

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

46121

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	2,500	1,000	ug/l	20
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	12	0.5	ug/l	1
05401	Benzene	71-43-2	6	0.5	ug/l	1
05407	Toluene	108-88-3	1	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	1	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	11/21/2008 01:12	Kathie J Bowman	20
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/23/2008 01:33	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/21/2008 01:12	Kathie J Bowman	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/23/2008 01:33	Kelly E Brickley	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5528855 **Group No. 1120124**

MW-2-W-081113 Grab Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 MW-2
Collected:11/13/2008 13:58 by FT

Account Number: 12099

Submitted: 11/14/2008 08:55
Reported: 11/26/2008 at 14:56
Discard: 12/27/2008

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

46122

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	3,800	1,000	ug/l	20
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	4	0.5	ug/l	1
05401	Benzene	71-43-2	2	0.5	ug/l	1
05407	Toluene	108-88-3	0.5	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	2	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.8	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	11/21/2008 01:36	Kathie J Bowman	20
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/22/2008 02:59	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/21/2008 01:36	Kathie J Bowman	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/22/2008 02:59	Florida A Cimino	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5528856 **Group No. 1120124**

MW-3-W-081113 Grab Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 MW-3
Collected:11/13/2008 13:30 by FT

Account Number: 12099

Submitted: 11/14/2008 08:55
Reported: 11/26/2008 at 14:56
Discard: 12/27/2008

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

46123

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06609	DRO (C10-C28)	n.a.	880	50	ug/l	1
01728	TPH-GRO N. CA water C6-C12	n.a.	1,800	50	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	2	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
06609	DRO (C10-C28)	SW-846 8015B	1	11/20/2008 19:51	Diane V Do	1
01728	TPH-GRO - Waters	SW-846 8015B modified	1	11/24/2008 19:54	Kathie J Bowman	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/22/2008 03:41	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/24/2008 19:54	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/22/2008 03:41	Florida A Cimino	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	11/19/2008 09:15	Kerrie A Freeburn	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW5528857 **Group No. 1120124**

MW-4-W-081113 Grab Water
Facility# 94612 Job# 386473 MTI# 61H-1996 GRD
3616 San Leandro-Oakland T0600100333 MW-4
Collected:11/13/2008 13:05 by FT

Account Number: 12099

Submitted: 11/14/2008 08:55
Reported: 11/26/2008 at 14:56
Discard: 12/27/2008

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

46124

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	ug/l	1
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

State of California Lab Certification No. 2116

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
01728	TPH-GRO - Waters	SW-846 8015B modified	1	11/24/2008 20:19	Kathie J Bowman	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	11/22/2008 17:08	Kelly E Brickley	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/24/2008 20:19	Kathie J Bowman	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	11/22/2008 17:08	Kelly E Brickley	1

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 11/26/08 at 02:56 PM

Group Number: 1120124

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: 083230030A	Sample number(s): 5528856							
DRO (C10-C28)	N.D.	32.	ug/l	103	105	63-119	2	20
Batch number: 08324A07A	Sample number(s): 5528853-5528855							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	100	109	75-135	9	30
Batch number: 08329A07A	Sample number(s): 5528856-5528857							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	109	118	75-135	8	30
Batch number: F083263AA	Sample number(s): 5528855-5528856							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	98		73-119		
Benzene	N.D.	0.5	ug/l	102		78-119		
Toluene	N.D.	0.5	ug/l	105		85-115		
Ethylbenzene	N.D.	0.5	ug/l	106		82-119		
Xylene (Total)	N.D.	0.5	ug/l	107		83-113		
Batch number: F083273AA	Sample number(s): 5528853-5528854							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96		73-119		
Benzene	N.D.	0.5	ug/l	97		78-119		
Toluene	N.D.	0.5	ug/l	102		85-115		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	102		83-113		
Batch number: F083274AA	Sample number(s): 5528857							
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	95		73-119		
Benzene	N.D.	0.5	ug/l	99		78-119		
Toluene	N.D.	0.5	ug/l	101		85-115		
Ethylbenzene	N.D.	0.5	ug/l	100		82-119		
Xylene (Total)	N.D.	0.5	ug/l	102		83-113		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 08324A07A	Sample number(s): 5528853-5528855 UNSPK: P528859								
TPH-GRO N. CA water C6-C12	136		63-154						
Batch number: 08329A07A	Sample number(s): 5528856-5528857 UNSPK: P530633								
TPH-GRO N. CA water C6-C12	111		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
Reported: 11/26/08 at 02:56 PM

Group Number: 1120124

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: F083263AA	Sample number(s): 5528855-5528856 UNSPK: P529922								
Methyl Tertiary Butyl Ether	101	102	69-127	1	30				
Benzene	107	107	83-128	0	30				
Toluene	106	108	83-127	2	30				
Ethylbenzene	105	105	82-129	1	30				
Xylene (Total)	106	108	82-130	2	30				
Batch number: F083273AA	Sample number(s): 5528853-5528854 UNSPK: P530737								
Methyl Tertiary Butyl Ether	101	102	69-127	1	30				
Benzene	108	108	83-128	0	30				
Toluene	111	108	83-127	3	30				
Ethylbenzene	111	110	82-129	1	30				
Xylene (Total)	111	107	82-130	3	30				
Batch number: F083274AA	Sample number(s): 5528857 UNSPK: P528859								
Methyl Tertiary Butyl Ether	100	94	69-127	6	30				
Benzene	108	101	83-128	7	30				
Toluene	109	101	83-127	7	30				
Ethylbenzene	110	101	82-129	8	30				
Xylene (Total)	111	103	82-130	7	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: DRO (C10-C28)
Batch number: 083230030A

	Orthoterphenyl
5528856	89
Blank	83
LCS	93
LCSD	99
Limits:	59-131

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 08324A07A

	Trifluorotoluene-F
5528853	114
5528854	114
5528855	115
Blank	112
LCS	122
LCSD	125
MS	126
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.

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 11/26/08 at 02:56 PM

Group Number: 1120124

Surrogate Quality Control

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 08329A07A

	Trifluorotoluene-F
5528856	137*
5528857	105
Blank	112
LCS	118
LCSD	119
MS	123
Limits:	63-135

Analysis Name: BTEX+MTBE by 8260B
Batch number: F083263AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5528855	89	89	95	101
5528856	93	92	100	107
Blank	94	92	98	96
LCS	91	89	95	93
MS	95	96	99	95
MSD	94	93	97	94
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: F083273AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5528853	93	90	94	92
5528854	95	94	99	98
Blank	96	93	98	95
LCS	95	94	101	98
MS	97	95	101	101
MSD	97	97	99	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: BTEX+MTBE by 8260B
Batch number: F083274AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5528857	92	89	93	96
Blank	92	90	94	93
LCS	93	93	96	99
MS	94	93	95	98
MSD	93	92	95	98
Limits:	80-116	77-113	80-113	78-113

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

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

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

< less than – The number following the sign is the 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.