



RECEIVED

10:10 am, Nov 09, 2010

Alameda County
Environmental Health

Stacie H. Frerichs
Team Lead
Marketing Business Unit

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

November 5, 2010

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

Re: Chevron Facility # 9-2960

Address: 2416 Grove Way, Castro Valley, California

I have reviewed the attached report titled Second Semi-Annual 2010 Groundwater Monitoring Report and dated November 5, 2010.

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

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

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

Sincerely,

Stacie H. Frerichs
Project Manager

Enclosure: Report



**CONESTOGA-ROVERS
& ASSOCIATES**

10969 Trade Center Drive
Rancho Cordova, California 95670
Telephone: (916) 889-8900 Fax: (916) 889-8999
www.CRAworld.com

November 5, 2010

Reference No. 611964

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

Re: Second Semi-Annual 2010 Groundwater Monitoring Report
Former Chevron Service Station 9-2960
2416 Grove Way
Castro Valley, California
LOP Case RO0000275

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) to Alameda County Environmental Health (ACEH) on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. The report (prepared by Gettler-Ryan Inc. and dated October 13, 2010) presents the results of the monitoring and sampling of well C-8 during third quarter 2010. Well C-8 is sampled on a semi-annual basis during the first and third quarters. Wells C-4 and C-6 were paved over in 1999 and 2000, respectively, and have not been able to be re-located; and well C-7 is no longer sampled. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the second semi-annual 2010 analytical results along with a historical rose diagram. The monitoring results during 2010 are discussed below.

Total petroleum hydrocarbons as gasoline (TPHg) were detected in C-8 at concentrations of 2,100 micrograms per liter ($\mu\text{g/L}$) and 1,200 $\mu\text{g/L}$ during 2010. The TPHg concentrations detected during 2010 were similar to those during 2009 and within the range of historical fluctuations. Overall, the TPHg concentrations in this well are decreasing. Benzene was detected in C-8 at concentrations of 21 $\mu\text{g/L}$ and 18 $\mu\text{g/L}$ during 2010; low concentrations of toluene (up to 3 $\mu\text{g/L}$), ethylbenzene (up to 8 $\mu\text{g/L}$), and xylenes (up to 6 $\mu\text{g/L}$) were also detected. Although fluctuations occur, the benzene, toluene, ethylbenzene, and xylenes (BTEX) concentrations also continue to decrease. Methyl tertiary butyl ether (MTBE) was not detected in C-8 during 2010, and has never been detected in this well. Other fuel oxygenates were also not detected in C-8 during 2010, and generally have not been detected in this well throughout the course of monitoring.

Equal
Employment Opportunity
Employer



**CONESTOGA-ROVERS
& ASSOCIATES**

November 5, 2010

2

Reference No. 611964

Based on the analytical results, impacted groundwater remains beneath the site in the area of well C-8 just downgradient of the former underground storage tanks (USTs). The TPHg and BTEX concentrations continue to decrease; only low concentrations of BTEX remain. In June 2010, CRA drilled borings GP-1 and GP-2 to further evaluate the lateral and vertical extent of petroleum hydrocarbons in groundwater downgradient of the site. This work was requested by ACEH in a letter dated October 23, 2008. The details and results of the investigation were presented in the August 16, 2010 *Additional Investigation Report and Case Closure Request*. Based on the results of the investigation, the extent was adequately defined. Based on this information and the site conditions, low-risk case closure was requested. As such, no further monitoring is recommended. We are currently awaiting a response from ACEH to the case closure request.

We appreciate your assistance on this project and look forward to your reply. Please contact Mr. James Kiernan at (916) 889-8917 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

Christopher J. Benedict

James P. Kiernan, P.E.



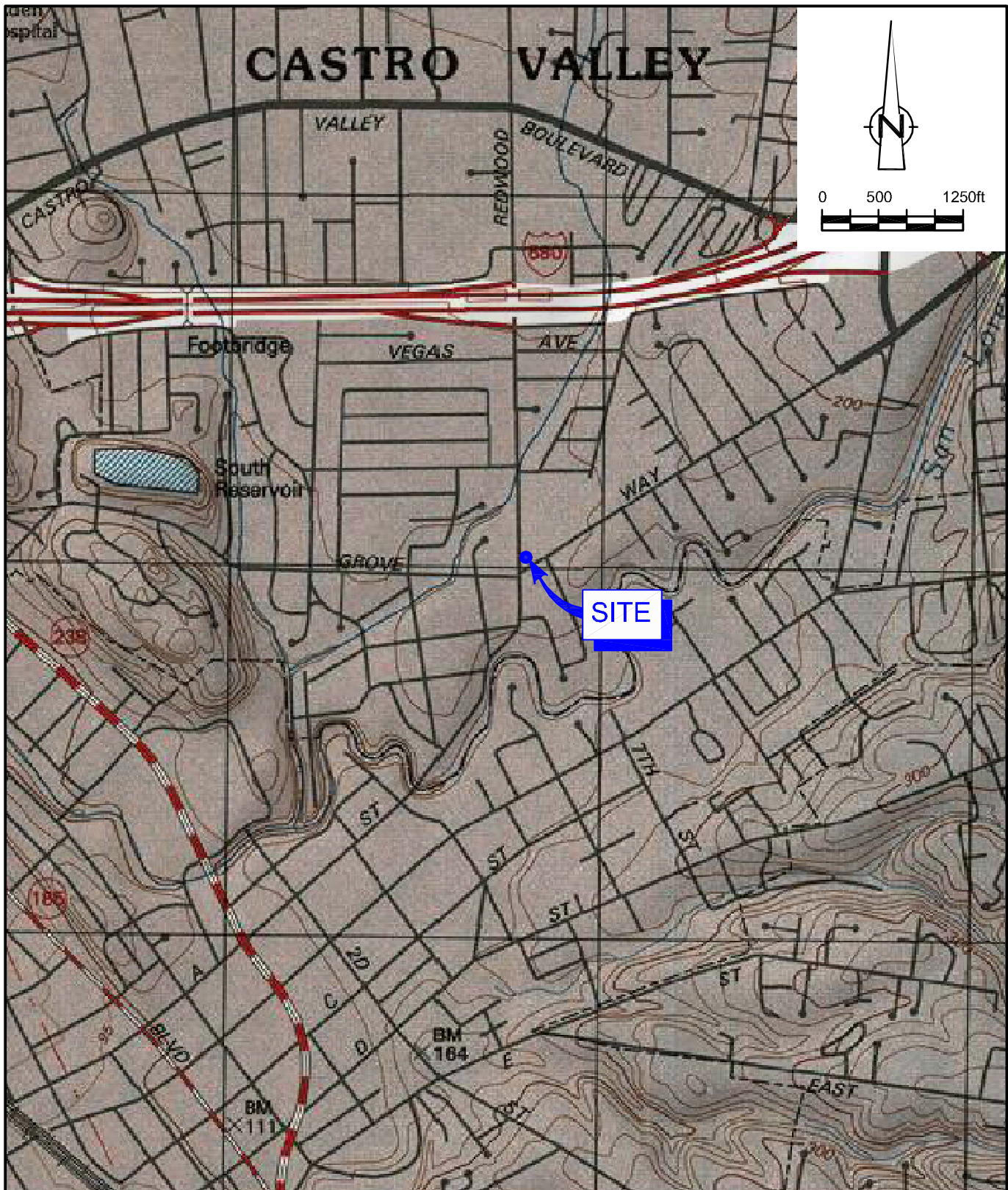
CB/jm/10
Encl.

Figure 1 Vicinity Map
Figure 2 Concentration Map - September 21, 2010

Attachment A Groundwater Monitoring and Sampling Report

cc: Ms. Stacie Frerichs, Chevron (electronic copy)
 Mr. Phil Conley, President Board of Trustees, First Presbyterian Church

FIGURES

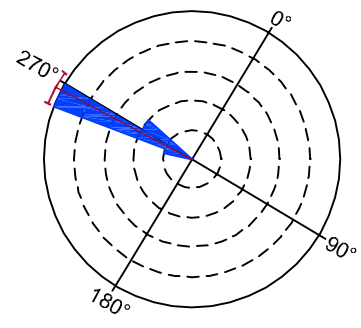


SOURCE: TOPO! MAPS.

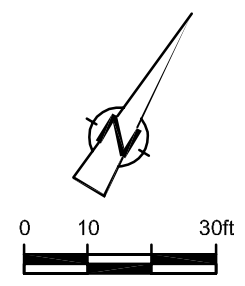
figure 1

VICINITY MAP
 FORMER CHEVRON SERVICE STATION 9-2960
 2416 GROVE WAY
 Castro Valley, California





HISTORICAL GROUNDWATER FLOW DIRECTION



LEGEND

- EXPLORATORY BORING LOCATION
- ▲ SOIL VAPOR SAMPLE LOCATION
- MONITORING WELL LOCATION
- ⊗ ABANDONED WELL LOCATION
- WELL LOCATION PAVED OVER
- (1,200) TPHg CONCENTRATION (ug/L)
- (18) BENZENE CONCENTRATION (ug/L)
- (<0.5) MTBE CONCENTRATION (ug/L)
- (DISC) DISCONTINUED
- < NOT DETECTED AT OR ABOVE STATED REPORTING LIMIT

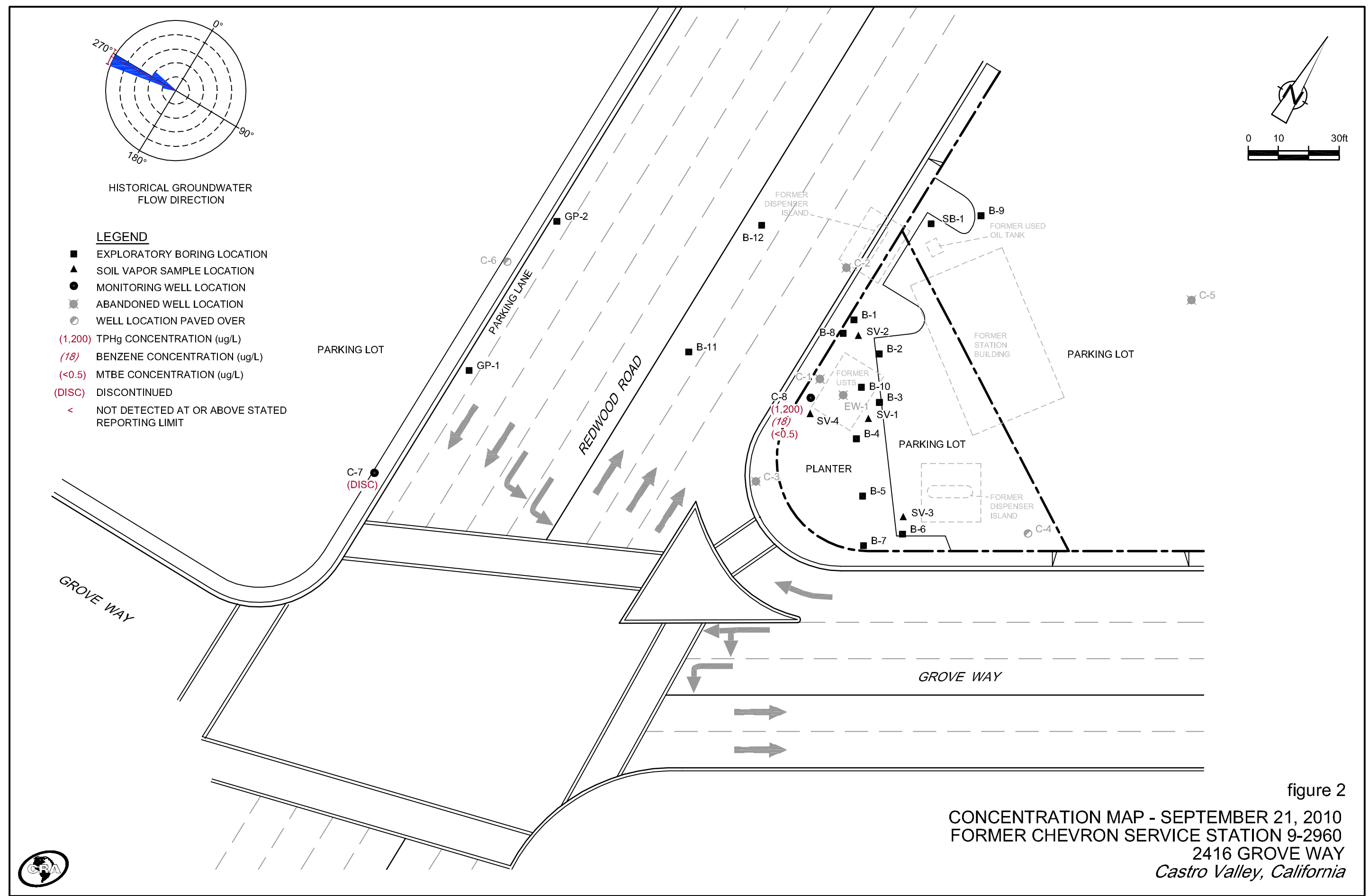


figure 2
 CONCENTRATION MAP - SEPTEMBER 21, 2010
 FORMER CHEVRON SERVICE STATION 9-2960
 2416 GROVE WAY
 Castro Valley, California



ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT



TRANSMITTAL

October 18, 2010
G-R #386365

TO: Mr. James Kiernan
Conestoga-Rovers & Associates
10969 Trade Center Drive, Suite 107
Rancho Cordova, CA 95670

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

RE: **Former Chevron Service Station
#9-2960 (MTI)
2416 Grove Way
Castro Valley, California
RO 0000275**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 13, 2010	Groundwater Monitoring and Sampling Report Second Semi-Annual Event of September 21, 2010

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced report for **your use and distribution to the following (including PDF submittal of the entire report to GeoTracker):**

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

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **November 1, 2010** at which time this final report will be distributed to the following:

cc: Mr. Phil Conley, President Board of Trustees, First Presbyterian Church, 2490 Grove Way, Castro Valley, CA 94546
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-CRA UPLOAD TO ALAMEDA CO.)

Enclosures

trans/9-2960-SHF



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 18, 2010
(date)

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

Re: Chevron Facility # 9-2960

Address: 2416 Grove Way, Castro Valley, California

I have reviewed the attached routine groundwater monitoring report dated October 18, 2010.

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Stacie H. Frerichs".

Stacie H. Frerichs
Project Manager

Enclosure: Report



GETTLER-RYAN INC.



October 13, 2010
G-R Job #386365

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

RE: Second Semi-Annual Event of September 21, 2010
Groundwater Monitoring & Sampling Report
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, 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).

A static groundwater level was measured in one well (C-8) and the well was 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 Groundwater Elevation Map is included as Figure 1.

A Groundwater sample was collected from the monitoring well and submitted to a state certified laboratory for analyses. The field data sheet for this event is attached. Analytical results are presented in the table(s) listed below. The chain of custody document and the laboratory analytical reports 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,

Raenelle Medina
for.

Deanna L. Harding
Project Coordinator

Douglas J. Lee

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

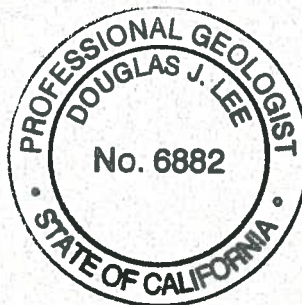
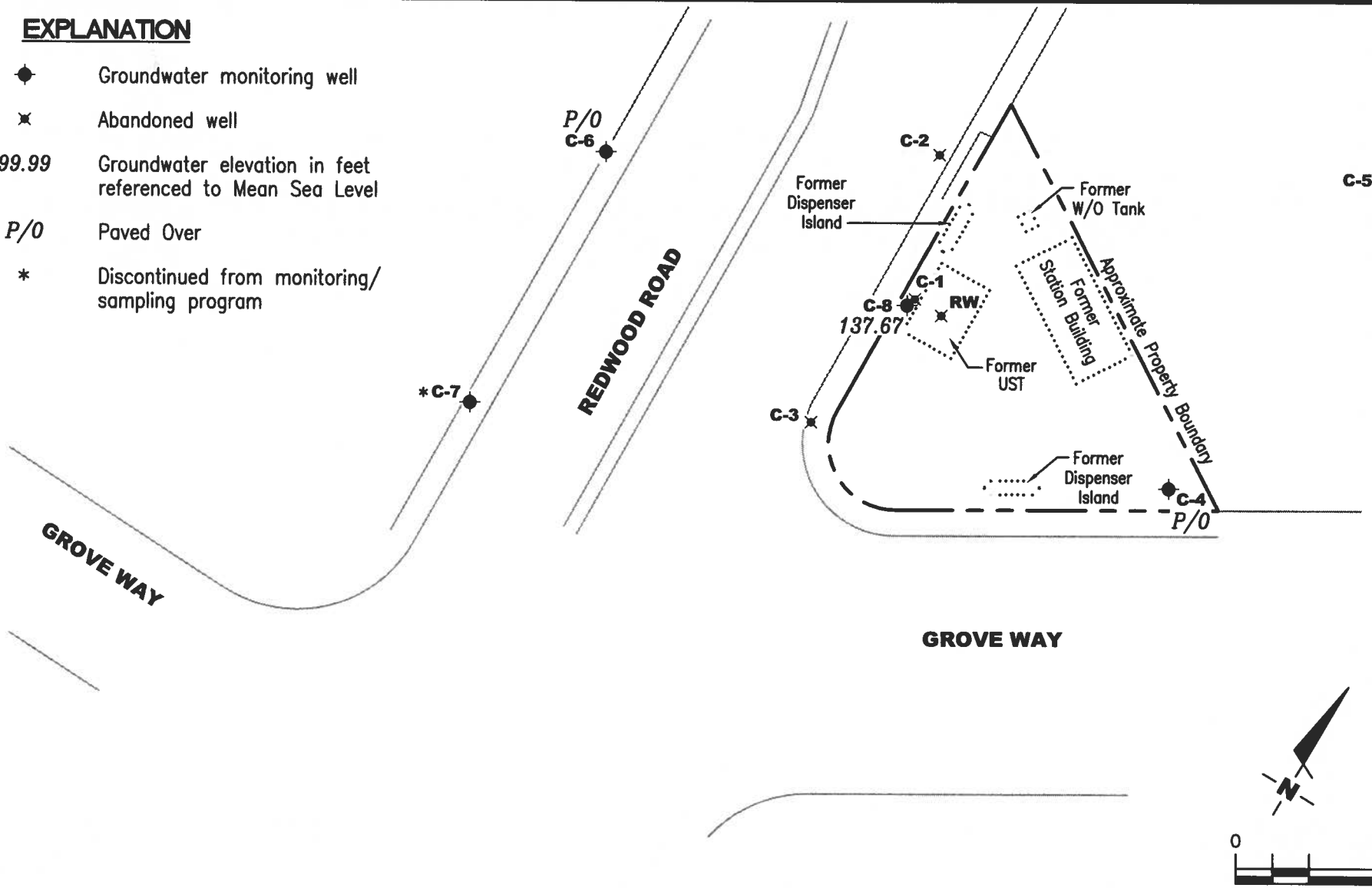


Figure 1: Groundwater Elevation Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

EXPLANATION

- ◆ Groundwater monitoring well
- ✕ Abandoned well
- 99.99 Groundwater elevation in feet referenced to Mean Sea Level
- P/O Paved Over
- * Discontinued from monitoring/sampling program



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

GROUNDWATER ELEVATION MAP
 Former Chevron Service Station #9-2960
 2416 Grove Way
 Castro Valley, California

FIGURE

1

PROJECT NUMBER
386365

REVIEWED BY

DATE
 September 21, 2010

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-8											
03/26/02 ²	153.41	137.96	15.45	0.00	0.00	11,000	380	130	120	530	<25/<2 ¹
06/17/02	153.41	137.03	16.38	0.00	0.00	11,000	490	65	170	470	<20/<2 ¹
09/17/02	153.41	136.71	16.70	0.00	0.00	6,800	410	12	70	130	46/<2 ¹
12/02/02	153.41	136.61	16.80	0.00	0.00	7,200	440	14	75	140	<20/<2 ¹
03/03/03	153.41	137.61	15.80	0.00	0.00	7,000	330	16	62	110	<10/<0.5 ¹
06/16/03 ³	153.41	137.52	15.89	0.00	0.00	7,400	400	17	71	120	<0.5
09/15/03 ⁴	153.41	136.87	16.54	0.00	0.00	2,500	200	5	56	16	<0.5
12/15/03 ⁴	153.41	137.07	16.34	0.00	0.00	5,900	320	18	51	140	<0.5
03/01/04 ⁴	153.41	138.55	14.86	0.00	0.00	7,800	250	14	61	55	<0.5
06/28/04 ⁴	153.41	137.05	16.36	0.00	0.00	5,700	280	11	46	53	<0.5
09/13/04 ⁴	153.41	136.39	17.02	0.00	0.00	2,200	180	5	33	8	<0.5
12/22/04 ⁴	153.41	137.29	16.12	0.00	0.00	1,700	170	4	15	5	<0.5
03/04/05 ⁴	153.41	138.63	14.78	0.00	0.00	5,400	180	8	43	30	<0.5
06/30/05 ⁴	153.41	137.97	15.44	0.00	0.00	3,900	160	6	16	19	<0.5
09/16/05 ⁴	153.41	137.21	16.20	0.00	0.00	3,500	160	6	10	18	<0.5
12/21/05 ⁴	153.41	137.31	16.10	0.00	0.00	2,300	110	4	10	18	<0.5
03/21/06 ⁴	153.41	139.03	14.38	0.00	0.00	6,200	130	6	32	36	<0.5
06/21/06 ⁴	153.41	138.17	15.24	0.00	0.00	6,100	100	11	38	120	<0.5
09/05/06 ⁴	153.41	137.25	16.16	0.00	0.00	5,400	130	11	29	96	<0.5
12/28/06 ⁴	153.41	137.60	15.81	0.00	0.00	2,600	110	4	12	12	<0.5
03/26/07 ⁴	153.41	137.74	15.67	0.00	0.00	2,700	91	3	13	5	<0.5
06/26/07 ⁴	153.41	137.19	16.22	0.00	0.00	3,900	71	4	8	15	<0.5
09/26/07 ⁴	153.41	136.85	16.56	0.00	0.00	3,600	83	4	18	31	<0.5
12/20/07 ⁴	153.41	137.38	16.03	0.00	0.00	2,600	69	4	15	26	<0.5
02/29/08 ⁴	153.41	138.63	14.78	0.00	0.00	2,400	52	3	16	9	<0.5
05/09/08 ⁴	153.41	137.86	15.55	0.00	0.00	2,300	40	3	6	5	<0.5
09/19/08 ⁴	153.41	136.85	16.56	0.00	0.00	1,300	43	1	3	5	<0.5
12/04/08 ⁴	153.41	137.04	16.37	0.00	0.00	1,700	34	2	4	8	<0.5
03/05/09 ⁴	153.41	138.40	15.01	0.00	0.00	1,200	14	0.7	2	1	<0.5
06/23/09 ⁴	153.41	137.50	15.91	0.00	0.00	1,300	14	0.6	1	1	<0.5
03/16/10 ⁴	153.41	138.70	14.71	0.00	0.00	2,100	21	3	8	6	<0.5
09/21/10⁴	153.41	137.67	15.74	0.00	0.00	1,200	18	0.8	2	2	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (fL)	GWE (msl)	DTW (fL)	SPHT (fL)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-1											
10/23/86	153.36	--	--	--	--	3,100	6,400	3,700	--	4,300	--
09/10/87	153.36	--	--	--	--	120,000	25,000	60,000	13,000	56,000	--
10/03/90	153.36	134.69	18.67	--	--	--	--	--	--	--	--
10/25/90	153.36	135.22	18.71	0.71	--	--	--	--	--	--	--
01/22/91	153.36	135.22	18.70	0.70	--	--	--	--	--	--	--
02/21/91	153.36	135.44	18.62	0.88	--	--	--	--	--	--	--
04/01/91	153.36	136.47	16.91	0.03	--	--	--	--	--	--	--
04/11/91	153.36	136.49	16.90	0.04	--	--	--	--	--	--	--
07/01/91	153.36	135.75	17.61	0.00	--	--	--	--	--	--	--
09/24/91	153.36	135.17	18.98	0.99	--	--	--	--	--	--	--
10/23/91	153.36	135.03	19.32	1.24	--	--	--	--	--	--	--
11/22/91	153.36	134.53	18.83	0.97	--	--	--	--	--	--	--
01/09/92	153.36	136.10	17.26	--	--	--	--	--	--	--	--
03/06/92	153.36	137.16	16.69	0.61	--	--	--	--	--	--	--
06/04/92	153.36	136.44	17.10	0.22	--	--	--	--	--	--	--
09/28/92	153.36	--	18.71	0.77	--	--	--	--	--	--	--
12/17/92	153.36	--	17.54	0.45	--	--	--	--	--	--	--
04/29/93	153.36	137.50	16.40	0.68	--	--	--	--	--	--	--
07/26/93	153.36	136.92	16.85	0.51	--	--	--	--	--	--	--
10/22/93	153.36	135.55	17.83	0.03	--	--	--	--	--	--	--
01/24/94	153.36	--	--	--	--	--	--	--	--	--	--
04/11/94	153.36	136.01	17.76	0.51	--	--	--	--	--	--	--
07/01/94	153.36	135.95	17.46	0.06	--	--	--	--	--	--	--
10/06/94	153.36	135.24	18.18	0.08	--	--	--	--	--	--	--
01/11/95	153.36	136.63	16.79	0.08	0.039	--	--	--	--	--	--
04/07/95	153.36	139.23	14.13	--	--	44,000	410	100	130	5,400	--
07/20/95	153.36	136.84	16.52	--	--	16,000	96	81	53	1,000	--
09/22/95	153.36	137.22	16.14	--	--	59,000	150	36	16	56	--
04/26/96	153.36	137.31	16.05	--	--	7,200	1,300	340	130	390	--
07/22/96	153.36	143.14	10.22	--	--	7,300	2,500	170	360	520	--
10/17/96	153.36	137.64	15.72	--	--	19,000	3,400	59	360	430	--
01/23/97	153.36	138.91	14.45	--	--	15,000	2,900	390	250	480	--
07/10/97	153.36	137.19	16.17	--	--	13,000	2,100	69	200	380	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-1 (cont)											
01/15/98	153.36	INACCESSIBLE		--	--	--	--	--	--	--	--
01/16/98	153.36	138.63	14.73	--	--	4,700	1,200	<20	140	40	--
07/09/98	153.36	138.14	15.22	--	--	9,900	1,500	60	150	170	--
ABANDONED											
C-2											
10/23/86	151.84	--	--	--	--	30,000	2,700	1,900	--	1,500	--
09/10/87	151.84	--	--	--	--	14,000	2,600	2,900	500	1,200	--
10/16/89	151.84	--	--	--	--	600	260	34	1.7	41	--
01/04/90	151.84	--	--	--	--	2,600	470	150	23	130	--
04/05/90	151.84	--	--	--	--	500	280	29	6.3	19	--
07/02/90	151.84	--	--	--	--	2,400	670	110	17	76	--
10/03/90	151.84	--	--	--	--	--	--	--	--	--	--
10/25/90	151.84	135.24	16.60	--	--	1,300	390	47	9.0	58	--
01/22/91	151.84	135.15	16.69	--	--	2,600	680	88	29	130	--
02/21/91	151.84	135.53	16.31	--	--	--	--	--	--	--	--
04/01/91	151.84	136.76	15.08	--	--	--	--	--	--	--	--
09/24/91	151.84	135.33	16.51	--	--	3,600	1,400	63	6.9	63	--
10/23/91	151.84	135.18	16.66	--	--	--	--	--	--	--	--
11/22/91	151.84	135.47	16.37	--	--	--	--	--	--	--	--
01/09/92	151.84	136.28	15.56	--	--	7,100	770	740	190	690	--
03/06/92	151.84	137.47	14.37	--	--	3,200	250	230	59	220	--
06/04/92	151.84	136.80	15.04	--	--	1,500	<0.5	180	42	130	--
09/28/92	151.84	135.44	16.40	--	--	6,400	940	230	57	220	--
12/17/92	151.84	136.46	15.38	--	--	1,500	370	160	6.0	25	--
04/29/93	151.84	136.87	14.97	--	--	1,800	690	120	74	140	--
07/29/93	151.84	136.92	14.92	--	--	4,300	1,500	96	29	96	--
10/22/93	151.84	136.03	15.81	--	--	820	560	57	15	58	--
01/24/94	151.84	--	--	--	--	--	--	--	--	--	--
04/11/94	151.84	136.49	15.35	--	--	2,000	240	48	36	110	--
07/01/94	151.84	136.44	15.40	--	--	370	55	12	3.1	8.6	--
10/06/94	151.84	135.84	16.00	--	--	150	47	4.8	1.8	5.4	--
01/11/95	151.84	137.06	14.78	--	--	52	0.65	<0.5	<0.5	<0.5	--
04/07/95	151.84	138.93	12.91	--	--	1,500	260	64	52	85	--
07/20/95	151.84	136.81	15.03	--	--	3,000	500	100	96	110	--
09/22/95	151.84	137.05	14.79	--	--	2,000	630	120	20	79	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-2 (cont)											
01/02/96	151.84	137.37	14.47	--	--	1,900	240	110	58	180	<12
04/26/96	151.84	137.97	13.87	--	--	1,300	340	190	44	120	--
07/22/96	151.84	136.73	15.11	--	--	3,700	1,100	140	150	330	--
10/17/96	151.84	136.80	15.04	--	--	22,000	3,900	1,600	350	1,800	--
01/23/97	151.84	138.86	12.98	--	--	2,000	260	48	76	94	--
07/10/97	151.84	137.21	14.63	--	--	5,100	710	200	190	380	--
01/15/98	153.36	INACCESSIBLE		--	--	--	--	--	--	--	--
01/16/98	151.84	138.61	13.23	--	--	7,600	1,600	130	320	650	--
07/09/98	151.84	138.17	13.67	--	--	10,000	1,100	410	180	410	--
ABANDONED											
C-3											
10/23/86	154.13	--	--	--	--	3,300	49	24	--	20	--
09/10/87	154.13	--	--	--	--	200	110	2.6	<2.0	<2.0	--
10/16/89	154.13	--	--	--	--	900	640	4.2	1.6	16	--
01/04/90	154.13	--	--	--	--	920	430	7.0	6.0	7.0	--
04/05/90	154.13	--	--	--	--	930	690	3.4	5.1	4.8	--
07/02/90	154.13	--	--	--	--	1,700	590	11	4.8	9.4	--
10/03/90	154.13	134.97	19.16	--	--	--	--	--	--	--	--
10/25/90	154.13	134.85	19.28	--	--	750	510	2.0	6.0	5.0	--
01/22/91	154.13	134.95	19.18	--	--	430	260	2.0	2.0	5.0	--
01/22/91	154.13	134.95	19.18	--	--	400	250	2.0	2.0	5.0	--
02/21/91	154.13	135.25	18.88	--	--	--	--	--	--	--	--
04/01/91	154.13	136.54	17.59	--	--	--	--	--	--	--	--
04/11/91	154.13	136.32	17.81	--	--	--	--	--	--	--	--
07/01/91	154.13	135.57	18.56	--	--	--	--	--	--	--	--
09/24/91	154.13	135.01	19.12	--	--	260	52	0.7	0.8	2.2	--
10/23/91	154.13	134.89	19.24	--	--	--	--	--	--	--	--
11/22/91	154.13	135.10	19.03	--	--	--	--	--	--	--	--
01/09/92	154.13	135.90	18.23	--	--	240	120	0.9	<0.5	1.6	--
03/06/92	154.13	137.09	17.04	--	--	230	68	1.2	1.2	1.3	--
06/04/92	154.13	136.34	17.79	--	--	80	36	0.6	0.5	0.7	--
09/28/92	154.13	135.13	19.00	--	--	84	49	<0.5	<0.5	1.5	--
12/17/92	154.13	135.95	18.18	--	--	220	30	<0.5	<0.5	<0.5	--
04/29/93	154.13	135.35	18.78	--	--	380	12	0.6	<0.5	<1.5	--
07/26/93	154.13	136.41	17.72	--	--	800	38	1.1	<0.5	<1.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-3 (cont)											
10/22/93	154.13	135.63	18.50	--	--	200	64	0.6	<0.5	<1.5	--
01/24/94	154.13	135.62	18.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/94	154.13	136.09	18.04	--	--	100	3.6	2.1	<0.5	2.3	--
07/01/94	154.13	136.01	18.12	--	--	140	3.7	1.2	<0.5	1.0	--
10/06/94	154.13	135.50	18.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/95	154.13	137.01	17.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	154.13	138.34	15.79	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	154.13	136.37	17.76	--	--	<50	1.5	1.9	<0.5	3.5	--
09/22/95	154.13	136.58	17.55	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	154.13	136.88	17.25	--	--	<50	<0.5	<0.5	<0.5	1.1	<2.5
04/26/96	154.13	137.42	16.71	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	154.13	136.50	17.63	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	154.13	136.33	17.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	154.13	138.33	15.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/10/97	154.13	136.63	17.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/15/98	154.13	137.98	16.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/98	154.13	138.04	16.09	--	--	REGAUGE	--	--	<0.5	<0.5	--
07/09/98	154.13	137.57	16.56	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED											
C-4											
10/23/86	156.00	--	--	--	--	570	3.0	4.0	--	5.0	--
09/10/87	156.00	--	--	--	--	500	3.0	<0.5	<0.5	<0.5	--
10/16/89	156.00	--	--	--	--	<500	12	1.0	<0.5	0.8	--
01/04/90	156.00	--	--	--	--	<500	5.0	<0.5	<0.5	0.9	--
04/05/90	156.00	--	--	--	--	<50	6.6	<0.5	<0.5	0.7	--
07/02/90	156.00	--	--	--	--	71	4.1	<0.5	<0.5	<0.5	--
10/03/90	156.00	--	--	--	--	--	--	--	--	--	--
10/25/90	156.00	135.57	20.43	--	--	<50	2.0	<0.5	<0.5	<0.5	--
01/22/91	156.00	135.50	20.50	--	--	<50	3.0	<0.5	<0.5	<0.5	--
02/21/91	156.00	135.77	20.23	--	--	--	--	--	--	--	--
04/01/91	156.00	136.97	19.03	--	--	--	--	--	--	--	--
04/11/91	156.00	136.95	19.05	--	--	--	--	--	--	--	--
07/01/91	156.00	136.10	19.90	--	--	--	--	--	--	--	--
09/24/91	156.00	135.59	20.41	--	--	87	1.6	<0.5	<0.5	<0.5	--
10/23/91	156.00	135.47	20.53	--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-4 (cont)											
11/22/91	156.00	135.65	20.35	--	--	--	--	--	--	--	--
01/09/92	156.00	136.46	19.54	--	--	51	4.3	<0.5	<0.5	<0.5	--
01/09/92	156.00	136.46	19.54	--	--	<50	4.8	<0.5	<0.5	<0.5	--
03/06/92	156.00	137.74	18.26	--	--	<50	0.8	<0.5	<0.5	<0.5	--
06/04/92	156.00	137.08	18.92	--	--	<50	<0.5	<0.5	<0.5	0.7	--
09/28/92	156.00	135.69	20.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/92	156.00	136.43	19.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/29/93	156.00	138.22	17.78	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/26/93	156.00	--	--	--	--	--	--	--	--	--	--
08/18/93	156.00	137.09	18.91	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/93	156.00	136.61	19.39	--	--	<50	2.9	2.1	1.1	4.3	--
01/24/94	156.00	136.58	19.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/94	156.00	136.86	19.14	--	--	<50	<0.5	0.6	<0.5	0.5	--
07/01/94	156.00	136.80	19.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/06/94	156.00	136.26	19.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/95	156.00	139.70	16.30	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	156.00	139.49	16.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	156.00	137.20	18.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/95	156.00	137.26	18.74	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	156.00	137.65	18.35	--	--	<50	1.6	1.8	0.95	4.1	<2.5
04/26/96	156.00	138.43	17.57	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	156.00	137.00	19.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	156.00	136.96	19.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	156.00	139.31	16.69	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/10/97	156.00	137.46	18.54	--	--	SAMPLED ANNUALLY		--	--	--	--
01/15/98	156.00	143.92	12.08	--	--	<50	1.0	1.4	<0.5	3.5	--
01/16/98	156.00	138.84	17.16	--	--	REGAUGE		--	--	--	--
07/09/98	156.00	138.29	17.71	--	--	--	--	--	--	--	--
01/08/99	156.00	139.19	16.81	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/09/99	156.00	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
02/01/00	156.00	UNABLE TO LOCATE		--	--	--	--	--	--	--	--
08/21/00	156.00	UNABLE TO LOCATE - PAVED OVER		--	--	--	--	--	--	--	--
01/25/01	156.00	UNABLE TO LOCATE - PAVED OVER		--	--	--	--	--	--	--	--
07/10/01	156.00	UNABLE TO LOCATE - PAVED OVER		--	--	--	--	--	--	--	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-4 (cont)											
01/08/02	156.00	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
03/26/02	156.00	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
06/17/02	156.00	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
PAVED OVER											
C-5											
10/03/90	153.38	135.60	17.78	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/90	153.38	135.46	17.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/09/90	153.38	135.46	17.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/91	153.38	135.58	17.80	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/21/91	153.38	135.87	17.51	--	--	--	--	--	--	--	--
04/01/91	153.38	137.07	16.31	--	--	--	--	--	--	--	--
04/11/91	153.38	137.02	16.36	--	--	--	--	--	--	--	--
07/01/91	153.38	136.26	17.12	--	--	--	--	--	--	--	--
09/24/91	153.38	135.68	17.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/24/91	153.38	135.68	17.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/23/91	153.38	135.56	17.82	--	--	--	--	--	--	--	--
11/22/91	153.38	135.77	17.61	--	--	--	--	--	--	--	--
01/09/92	153.38	136.34	17.04	--	--	<50	<0.5	0.7	<0.5	<0.5	--
03/06/92	153.38	137.62	15.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	153.38	136.98	16.40	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/92	153.38	135.80	17.58	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/92	153.38	136.56	16.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/29/93	153.38	138.14	15.24	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/26/93	153.38	137.08	16.30	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/93	153.38	136.30	17.08	--	--	52	2.3	2.7	1.1	5.2	--
01/24/94	153.38	136.25	17.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/94	153.38	136.75	16.63	--	--	<50	<0.5	0.7	<0.5	0.6	--
07/01/94	153.38	136.73	16.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/06/94	153.38	136.16	17.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/95	153.38	137.41	15.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	153.38	139.37	14.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	153.38	137.17	16.21	--	--	<50	<0.5	<0.5	<0.5	0.61	--
09/22/95	153.38	137.07	16.31	--	--	62	<0.5	<0.5	<0.5	<0.5	--
01/02/96	153.38	137.56	15.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/26/96	153.38	138.41	14.97	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (ft.)	GWE (msl)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-5 (cont)											
07/22/96	153.38	137.06	16.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	153.38	136.88	16.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	153.38	139.18	14.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
ABANDONED											
C-6											
10/03/90	152.84	134.70	18.14	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/90	152.84	134.55	18.29	--	--	<50	<0.5	1.0	<0.5	<0.5	--
11/09/90	152.84	134.58	18.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/91	152.84	134.69	18.15	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/21/91	152.84	134.92	17.92	--	--	--	--	--	--	--	--
04/01/91	152.84	135.73	17.11	--	--	--	--	--	--	--	--
04/11/91	152.84	135.83	17.01	--	--	--	--	--	--	--	--
07/01/91	152.84	135.12	17.72	--	--	--	--	--	--	--	--
09/24/91	152.84	135.72	17.12	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/23/91	152.84	134.59	18.25	--	--	--	--	--	--	--	--
11/22/91	152.84	134.79	18.05	--	--	--	--	--	--	--	--
01/09/92	152.84	135.42	17.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/06/92	152.84	136.33	16.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	152.84	135.83	17.01	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/28/92	152.84	134.84	18.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/92	152.84	135.58	17.26	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/29/93	152.84	136.61	16.23	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/29/93	152.84	135.88	16.96	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/22/93	152.84	135.38	17.46	--	--	74	7.4	6.1	3.3	9.7	--
01/24/94	152.84	135.38	17.46	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/94	152.84	135.64	17.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	152.84	135.66	17.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/06/94	152.84	135.19	17.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/95	152.84	136.18	16.66	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	152.84	137.25	15.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	152.84	135.80	17.04	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/95	152.84	135.74	17.10	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	152.84	136.08	16.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/26/96	152.84	136.64	16.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	152.84	135.79	17.05	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (fl)	GWE (msl)	DTW (fl)	SPHT (fl)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-6 (cont)											
10/17/96	152.84	135.62	17.22	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	152.84	136.99	15.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/10/97	152.84	135.95	16.89	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/15/98	152.84	136.64	16.20	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/98	152.84	136.74	16.10	--	--	REGAUGE	--	--	--	--	--
07/09/98	152.84	136.71	16.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/99	152.84	137.57	15.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/09/99	152.84	136.60	16.24	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
02/01/00	152.84	136.57	16.27	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/21/00	152.84	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
01/25/01	152.84	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
07/10/01	152.84	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
01/08/02	152.84	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
03/26/02	152.84	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
06/17/02	152.84	UNABLE TO LOCATE - PAVED OVER				--	--	--	--	--	--
PAVED OVER											
C-7											
10/03/90	155.34	134.52	20.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/25/90	155.34	134.43	20.91	--	--	<50	<0.5	1.0	<0.5	<0.5	--
11/09/90	155.34	134.40	20.94	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/91	155.34	133.84	21.50	--	--	<50	4.0	<0.5	<0.5	<0.5	--
02/21/91	155.34	134.63	20.71	--	--	--	--	--	--	--	--
04/01/91	155.34	135.34	20.00	--	--	--	--	--	--	--	--
04/11/91	155.34	135.29	20.05	--	--	--	--	--	--	--	--
07/01/91	155.34	134.82	20.52	--	--	--	--	--	--	--	--
09/24/91	155.34	134.52	20.82	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/23/91	155.34	134.43	20.91	--	--	--	--	--	--	--	--
11/22/91	155.34	134.55	20.79	--	--	--	--	--	--	--	--
01/09/92	155.34	135.18	20.16	--	--	<50	<0.5	<0.5	<0.5	0.9	--
03/06/92	155.34	135.92	19.42	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	155.34	135.53	19.81	--	--	250	<0.5	<0.5	<0.5	<0.5	--
09/28/92	155.34	134.69	20.65	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/17/92	155.34	135.32	20.02	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/29/93	155.34	136.19	19.15	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/26/93	155.34	135.57	19.77	--	--	<50	<0.5	<0.5	<0.5	<1.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (fL)	GWE (msf)	DTW (ft.)	SPHT (ft.)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
C-7 (cont)											
10/22/93	155.34	135.17	20.17	--	--	--	--	--	--	--	--
01/24/94	155.34	135.11	20.23	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/11/94	155.34	135.39	19.95	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	155.34	135.42	19.92	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/06/94	155.34	135.03	20.31	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/95	155.34	135.98	19.36	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/95	155.34	136.84	18.50	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/20/95	155.34	135.46	19.88	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
09/22/95	155.34	135.38	19.96	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/02/96	155.34	135.64	19.70	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/26/96	155.34	136.17	19.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	155.34	135.49	19.85	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	155.34	135.34	20.00	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	155.34	136.44	18.90	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/10/97	155.34	135.58	19.76	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/15/98	155.34	136.02	19.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/16/98	155.34	136.14	19.20	--	--	REGAUGE	--	--	--	--	--
07/09/98	155.34	136.02	19.32	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/99	155.34	136.83	18.51	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/09/99	155.34	136.16	19.18	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/01/00	155.34	136.21	19.13	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/21/00	155.34	136.16	19.18	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<5.0
01/25/01	155.34	136.09	19.25	0.00	0.00	<50.0	<0.500	<0.500	<0.500	<0.500	<2.5
07/10/01	155.34	136.17	19.17	0.00	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.50
01/08/02	155.34	136.31	19.03	0.00	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	155.08	--	--	--	--	--	--	--	--	--	--
02/29/08 ⁴	155.34	136.77	18.57	0.00	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
DISCONTINUED MONITORING / SAMPLING											
TRIP BLANK											
04/26/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/22/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/17/96	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/23/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/10/97	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/15/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (fL)	GWE (msl)	DTW (fL)	SPHT (fL)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
TRIP BLANK (cont)											
07/09/98	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/08/99	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
02/01/00	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
08/21/00	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
01/25/01	--	--	--	--	--	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50
07/10/01	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
QA											
01/08/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/26/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/17/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
09/17/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
12/02/02	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
03/03/03	--	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
06/16/03	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/15/03 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/15/03 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/01/04 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/28/04 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/13/04 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/22/04 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/04/05 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/30/05 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/16/05 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/21/05 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/21/06 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/21/06 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/05/06 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/28/06 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/26/07 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/26/07 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/26/07 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
12/20/07 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/29/08 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/19/08 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/19/08 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID/ DATE	TOC* (fL)	GWE (msl)	DTW (fL)	SPHT (fL)	SPH REMOVED (gallons)	TPH- GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)
QA (cont)											
12/04/08 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
03/05/09 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
06/23/09 ⁴	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
DISCONTINUED											

Table 1
Groundwater Monitoring Data and Analytical Results
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to August 21, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

GWE = Groundwater Elevation

(msl) = Mean sea level

DTW = Depth to Water

SPHT = Separate Phase Hydrocarbons Thickness

TPH-G = Total Petroleum Hydrocarbons as Gasoline

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline Range Organics

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl Tertiary Butyl Ether

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

(µg/L) = Micrograms per liter

* TOC elevations were surveyed in April 2002, by Morrow Surveying. Elevations are based on Alameda County Benchmark No. 259, brass disc top of concrete guard rail & retaining wall abutment along east side "A" Street and on CL + N. 5th Street extended, (Elevation = 138.79 feet).

¹ MTBE by EPA Method 8260.

² Well development performed.

³ TPH-G, BTEX and MTBE by EPA Method 8260.

⁴ BTEX and MTBE by EPA Method 8260.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID	DATE	TBA (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)
C-8	03/26/02	<100	<2	<2	<2	<2
	06/17/02	<100	<2	<2	<2	<2
	09/17/02	<100	<2	<2	<2	<2
	12/02/02	<100	<2	<2	<2	<2
	03/03/03	<5	<0.5	<0.5	<0.5	<0.5
	06/16/03	<5	<0.5	<0.5	<0.5	<0.5
	09/15/03	5	<0.5	<0.5	<0.5	<0.5
	12/15/03	<5	<0.5	<0.5	<0.5	<0.5
	03/01/04	<5	<0.5	<0.5	<0.5	<0.5
	06/28/04	<5	<0.5	<0.5	<0.5	<0.5
	09/13/04	<5	<0.5	<0.5	<0.5	<0.5
	12/22/04	<5	<0.5	<0.5	<0.5	<0.5
	03/04/05	<5	<0.5	<0.5	<0.5	<0.5
	06/30/05	<5	<0.5	<0.5	<0.5	<0.5
	09/16/05	<5	<0.5	<0.5	<0.5	<0.5
	12/21/05	<5	<0.5	<0.5	<0.5	<0.5
	03/21/06	<5	<0.5	<0.5	<0.5	<0.5
	06/21/06	<5	<0.5	<0.5	<0.5	<0.5
	09/05/06	<5	<0.5	<0.5	<0.5	<0.5
	12/28/06	<2	<0.5	<0.5	<0.5	<0.5
	03/26/07	<2	<0.5	<0.5	<0.5	<0.5
	06/26/07	<2	<0.5	<0.5	<0.5	<0.5
	09/26/07	<2	<0.5	<0.5	<0.5	<0.5
	12/20/07	<2	<0.5	<0.5	<0.5	<0.5
	02/29/08	<2	<0.5	<0.5	<0.5	<0.5
	05/09/08	<2	<0.5	<0.5	<0.5	<0.5
	09/19/08	<2	<0.5	<0.5	<0.5	<0.5
	12/04/08	<2	<0.5	<0.5	<0.5	<0.5
	03/05/09	2	<0.5	<0.5	<0.5	<0.5
	06/23/09	<2	<0.5	<0.5	<0.5	<0.5
03/16/10	<2	<0.5	<0.5	<0.5	<0.5	
09/21/10	<2	<0.5	<0.5	<0.5	<0.5	

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

WELL ID	DATE	TBA (ug/L)	MTBE (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)
C-7	07/10/01	<20	<2.0	<2.0	<2.0	<2.0
	02/29/08	<2	<0.5	<0.5	<0.5	<0.5
DISCONTINUED MONITORING / SAMPLING						

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Chevron Service Station #9-2960
2416 Grove Way
Castro Valley, California

EXPLANATIONS:

TBA = t-Butyl alcohol
MTBE = Methyl Tertiary Butyl Ether
DIPE = di-Isopropyl ether
ETBE = Ethyl t-butyl ether
TAME = t-Amyl methyl ether
($\mu\text{g/L}$) = Micrograms per liter

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

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

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

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 #9-2960 Job Number: 386365
 Site Address: 2416 Grove Way Event Date: 9/21/10 (inclusive)
 City: Castro Valley, CA Sampler: JH

Well ID: C-8 Date Monitored: 9/21/10
 Well Diameter: 2 in.
 Total Depth: 24.55 ft.
 Depth to Water: 15.74 ft. Check if water column is less than 0.50 ft.
8.81 xVF .17 = 1.49 x3 case volume = Estimated Purge Volume: 4.49 gal.
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.50

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

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): 0920 Weather Conditions: cloudy
 Sample Time/Date: 1000 10/21/10 Water Color: cloudy Odor: PYN Light
 Approx. Flow Rate: - gpm. Sediment Description: Light
 Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 17.11

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
<u>0924</u>	<u>1.5</u>	<u>7.66</u>	<u>1585</u>	<u>19.4</u>		
<u>0928</u>	<u>3.0</u>	<u>7.60</u>	<u>1592</u>	<u>19.1</u>		
<u>0933</u>	<u>4.5</u>	<u>7.39</u>	<u>1611</u>	<u>18.8</u>		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
C-8	6 x vovial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)/ 5 OXYS (8260)

COMMENTS: 12" cmo

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



2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2881 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

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

October 01, 2010

Project: 92960

Submission Date: 09/24/2010
Group Number: 1213467
PO Number: 92960
Release Number: MTI
State of Sample Origin: CA

RECEIVED

OCT 01 2010

GETTLER-RYAN INC.
GENERAL CONTRACTORS

Client Sample Description

C-8-W-100921 Grab Water

Lancaster Labs (LLI) #

6094317

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

ELECTRONIC Gettler-Ryan, Inc.
COPY TO
ELECTRONIC Chevron c/o CRA
COPY TO

Attn: Rachelle Munoz

Attn: Report Contact



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • www.lancasterlabs.com

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

Respectfully Submitted,

Martha L Seidel

Martha L. Seidel
Senior Chemist



Analysis Report

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

Sample Description: C-8-W-100921 Grab Water

Facility# 92960 Job# 386365 MTI# 61H-1964 GRD
2416 Grove-Castro Valley T0600100318 C-8

LLI Sample # WW 6094317
LLI Group # 1213467
Account # 12099

Project Name: 92960

Collected: 09/21/2010 10:00 by JH

Chevron c/o CRA
Suite 107

Submitted: 09/24/2010 09:00

10969 Trade Center Dr

Reported: 10/01/2010 09:14

Rancho Cordova CA 95670

Discard: 11/01/2010

GWC08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles SW-846 8260B					
10943	t-Amyl methyl ether	994-05-8	N.D.	0.5	1
10943	Benzene	71-43-2	18	0.5	1
10943	t-Butyl alcohol	75-65-0	N.D.	2	1
10943	Ethyl t-butyl ether	637-92-3	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	2	0.5	1
10943	di-Isopropyl ether	108-20-3	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	0.8	0.5	1
10943	Xylene (Total)	1330-20-7	2	0.5	1
GC Volatiles SW-846 8015B					
01728	TPH-GRO N. CA water C6-C12	n.a.	1,200	50	1

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01163	GC/MS VOA Water Prep	SW-846 5030B	1	D102723AA	09/29/2010 22:11	Florida A Cimino	1
10943	BTEX + 5 Oxygenates 8260 Water	SW-846 8260B	1	D102723AA	09/29/2010 22:11	Florida A Cimino	1
01146	GC VOA Water Prep	SW-846 5030B	1	10272A20A	09/29/2010 18:44	Marie D John	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	10272A20A	09/29/2010 18:44	Marie D John	1

Quality Control Summary

 Client Name: Chevron c/o CRA
 Reported: 10/01/10 at 09:14 AM

Group Number: 1213467

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: D102723AA	Sample number(s): 6094317							
t-Amyl methyl ether	N.D.	0.5	ug/l	79		77-120		
Benzene	N.D.	0.5	ug/l	83		79-120		
t-Butyl alcohol	N.D.	2.	ug/l	83		62-129		
Ethyl t-butyl ether	N.D.	0.5	ug/l	80		76-120		
Ethylbenzene	N.D.	0.5	ug/l	85		79-120		
di-Isopropyl ether	N.D.	0.5	ug/l	81		71-124		
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	83		76-120		
Toluene	N.D.	0.5	ug/l	87		79-120		
Xylene (Total)	N.D.	0.5	ug/l	87		80-120		
Batch number: 10272A20A	Sample number(s): 6094317							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	109	100	75-135	9	30

Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: D102723AA	Sample number(s): 6094317 UNSPK: P094314							
t-Amyl methyl ether	92	91	75-122	1	30			
Benzene	100	98	80-126	2	30			
t-Butyl alcohol	90	90	67-119	0	30			
Ethyl t-butyl ether	93	91	74-122	2	30			
Ethylbenzene	103	101	71-134	3	30			
di-Isopropyl ether	94	92	70-129	2	30			
Methyl Tertiary Butyl Ether	95	97	72-126	1	30			
Toluene	103	100	80-125	3	30			
Xylene (Total)	106	101	79-125	4	30			
Batch number: 10272A20A	Sample number(s): 6094317 UNSPK: P093150							
TPH-GRO N. CA water C6-C12	90		63-154					

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water

*- 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: 10/01/10 at 09:14 AM

Group Number: 1213467

Surrogate Quality Control

Batch number: D102723AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6094317	98	98	99	106
Blank	101	101	101	98
LCS	98	103	100	103
MS	100	101	100	101
MSD	101	102	99	102
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 10272A20A
Trifluorotoluene-F

6094317	144*
Blank	88
LCS	114
LCSD	112
MS	111
Limits:	63-135

*- Outside of specification

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

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)
<	less than - The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
>	greater than		
J	estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).		
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
ppb	parts per billion		
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is $<$ CRDL, but \geq IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns $>$ 25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA $<$ 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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

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, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.