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

May 31, 2011

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

Re: Chevron Facility #_9-6991_____

Address: 2920 Castro Valley Boulevard, Castro Valley, California_____

I have reviewed the attached report titled *First Semi-Annual 2011 Groundwater Monitoring and Sampling Report* and dated May 31, 2011.

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

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

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

Sincerely,

SHFrerichs

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

May 31, 2011 Reference No. 611633

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

Re: First Semi-Annual 2011
Groundwater Monitoring and Sampling Report
Chevron Service Station 9-6991
2920 Castro Valley Boulevard
Castro Valley, California
Agency Case No. RO0000475

Dear Mr. Detterman:

Conestoga-Rovers & Associates (CRA) is submitting the attached *Groundwater Monitoring and Sampling Report* (report) to ACEH on behalf of Chevron Environmental Management Company (Chevron) for the site referenced above. The report (prepared by Gettler-Ryan Inc. and dated April 12, 2011) presents the results of the sampling of wells MW-1, MW-2, MW-4, and MW-7 during first quarter 2011. Wells MW-1 and MW-4 are sampled annually during the first quarter, and wells MW-2, MW-6, and MW-7 are sampled semi-annually during the first and third quarters. Please note that MW-6 could not be sampled due to a vehicle parked over the well. Also attached are Figure 1 (Vicinity Map) showing the site location, and Figure 2 (Concentration Map) presenting the first semi-annual 2011 analytical results along with a rose diagram.

Please note that Ms. Olivia Skance has replaced Ms. Stacie Frerichs as the Chevron Project Manager and all future correspondence should be directed to her at 6101 Bollinger Canyon Road, San Ramon, CA 94583 or olivia.skance@chevron.com.

CONESTOGA-ROVERS
& ASSOCIATES

May 31, 2011 Reference No. 611633

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

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

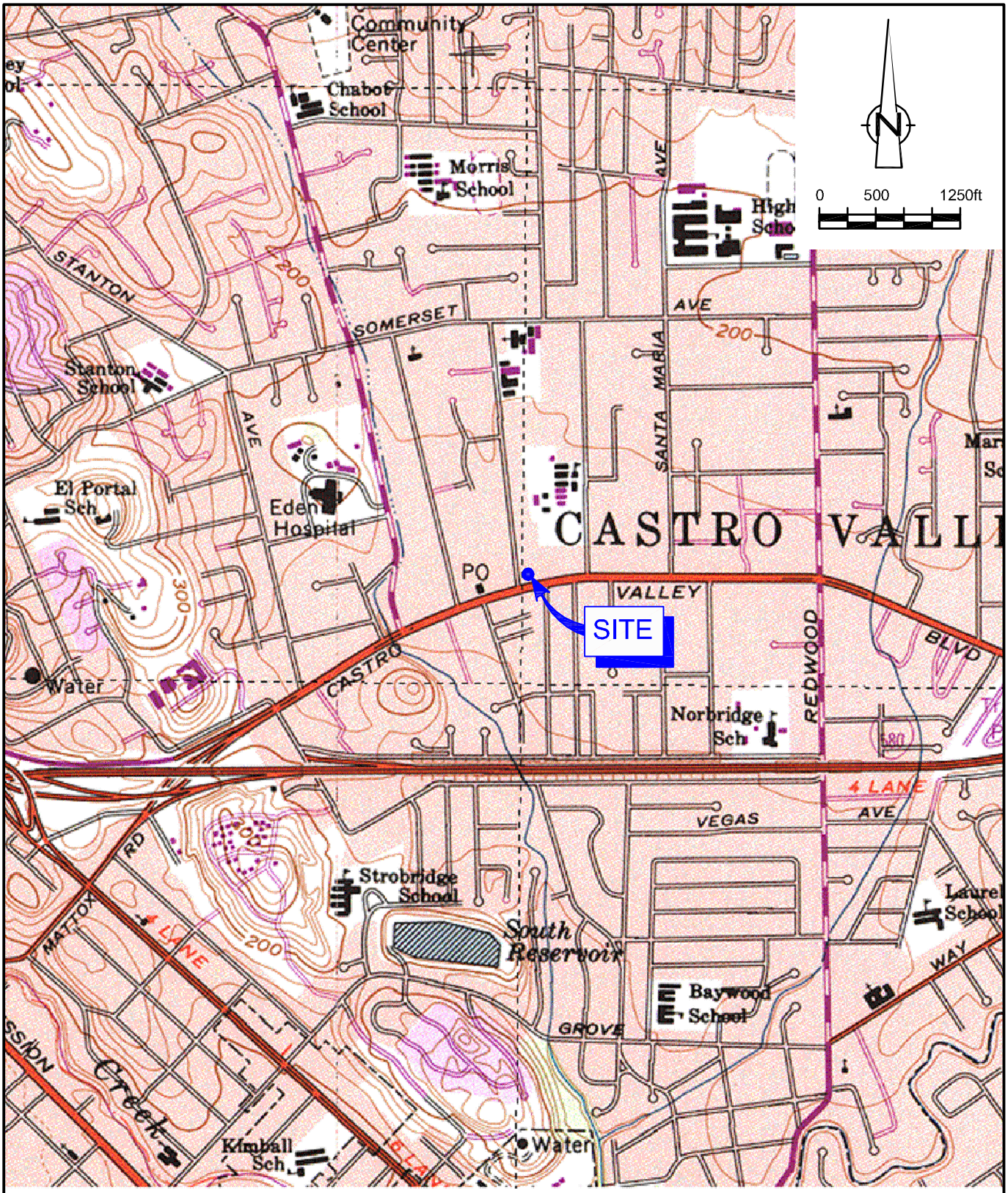
James P. Kiernan, P.E.

DG/aa/11
Encl.

Figure 1	Vicinity Map
Figure 2	Concentration Map – March 23, 2011
Attachment A	Groundwater Monitoring and Sampling Report

cc: Ms. Olivia Skance, Chevron (*electronic copy*)
K&K Petroleum, LLC

FIGURES



SOURCE: TOPO! MAPS.

figure 1

VICINITY MAP
CHEVRON SERVICE STATION 9-6991
2920 CASTRO VALLEY BOULEVARD
Castro Valley, California

LEGEND

- MW-1 ● SITE MONITORING WELL LOCATION
- SB-5 ■ SITE SOIL BORING LOCATION
- MW-1 ◐ FORMER SERVICE STATION MONITORING WELL LOCATION
- B-1 ⊠ FORMER SERVICE STATION SOIL BORING LOCATION
- 1990 EXCAVATION LIMITS
- STM — STORM DRAIN
- W — WATER LINE
- SAN — SANITARY SEWER
- (560) TPHd CONCENTRATION (ug/L)
- *(2,900)* TPHg CONCENTRATION (ug/L)
- (<0.5) BENZENE CONCENTRATION (ug/L)
- *(<2.5)* MTBE CONCENTRATION (ug/L)
- (NM) NOT MONITORED
- (IN) INACCESSIBLE

QUALITY AUTO CARE
FORMER SERVICE STATION
2896 CASTRO VALLEY BLVD.

ANITA AVENUE
SIDEWALK
PLANTER
FORMER WASTE OIL TANK
DISPENSER ISLAND
BUILDING
DISPENSER ISLAND
LOCATION OF FORMER GASOLINE UST
FORMER DISPENSER ISLANDS
EXISTING GASOLINE USTs
PLANTER
SIDEWALK
PLANTER
SIDEWALK
CASTRO VALLEY BOULEVARD
MEDIAN
MEDIAN
SIDEWALK
CHABOT CINEMA
PARKING LOT
BUILDING

MW-1 (180) *(<50)* (<0.5) *(<0.5)*
MW-2 (570) *(<50)* (<0.5) *(91)*
MW-3 (NM)
MW-4 (<50) *(<50)* (<0.5) *(<0.5)*
MW-5 (NM)
MW-6 (IN)
MW-7 (360) *(76)* (<0.5) *(0.6)*

B-1 B-2 B-3 B-4
SB-1 SB-2 SB-3 SB-4 SB-5 SB-6 SB-7

N

0 10 30ft

0° 90° 180° 270°

HISTORICAL GROUNDWATER FLOW DIRECTION

figure 2

CONCENTRATION MAP - MARCH 23, 2011
CHEVRON SERVICE STATION 9-6991
2920 CASTRO VALLEY BOULEVARD
Castro Valley, California

ATTACHMENT A

GROUNDWATER MONITORING AND SAMPLING REPORT

GETTLER-RYAN INC.

April 12, 2011
G-R Job #385296

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

RE: First Semi-Annual Event of March 23, 2011
Groundwater Monitoring & Sampling Report
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
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).

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 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.

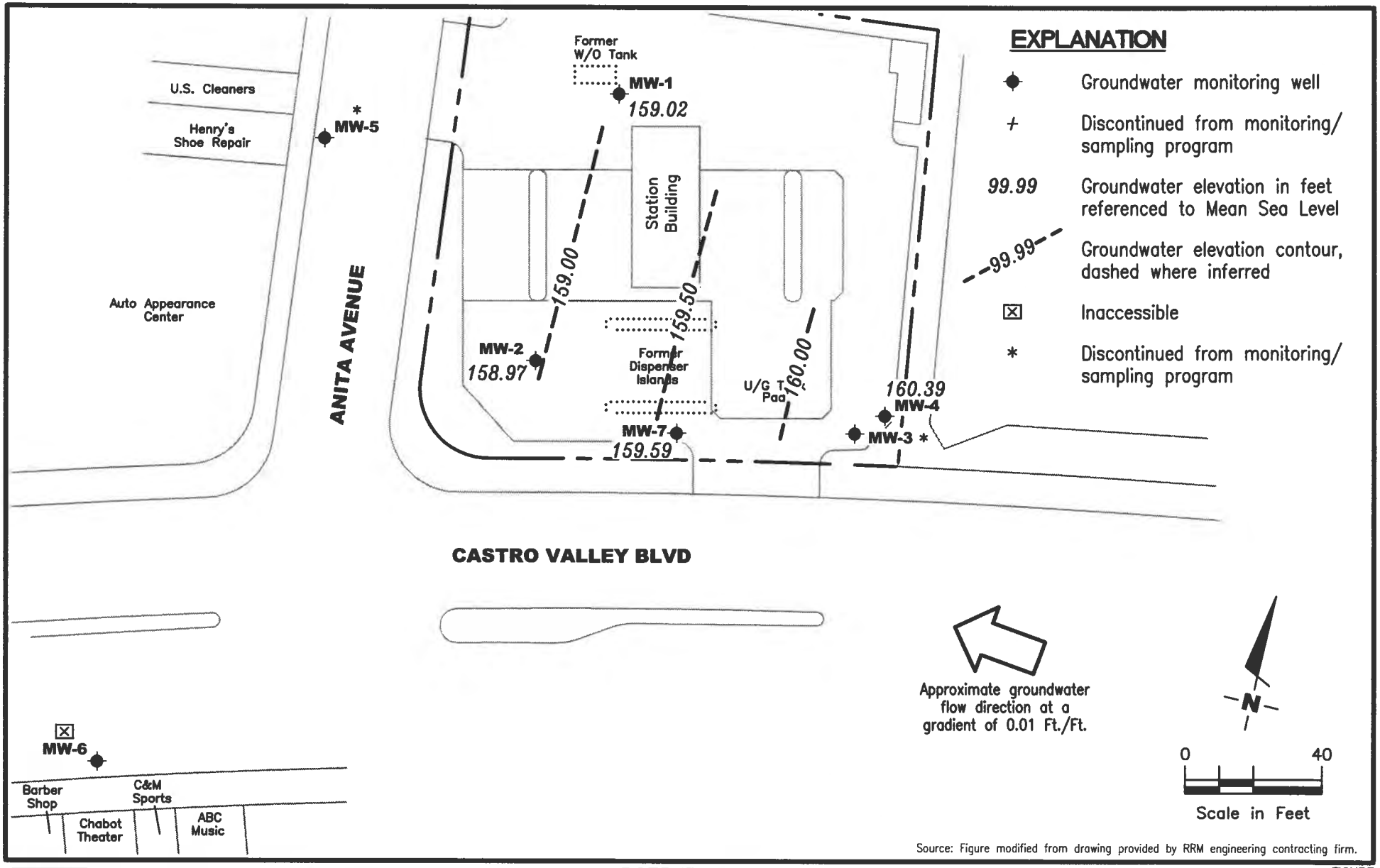
Sincerely,

Deanna L. Harding
Project Coordinator

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

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

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



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

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

POTENTIOMETRIC MAP
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

FIGURE
1

PROJECT NUMBER	REVIEWED BY	DATE	REVISED DATE
385296		March 23, 2011	

FILE NAME: P:\Enviro\Chevron\9-6991\Q11-9-6991.DWG | Layout Tab: Pot1

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-1												
10/08/91	169.30	158.20	11.10	--	230	45	<0.5	0.9	9.1	--	<5,000	--
11/04/91	169.30	158.27	11.03	--	340	120	<0.5	<0.5	6.1	--	--	--
12/04/91	169.30	158.25	11.05	170	<50	3.9	<0.5	<0.5	<0.5	--	<5,000	--
06/05/92	169.30	158.26	11.04	<50	100	26	0.6	0.5	1.0	--	--	--
10/27/92	169.30	158.20	11.10	54	<50	11	<0.5	<0.5	<0.5	--	--	--
12/30/92	169.30	--	--	170	<50	24	<0.5	<0.5	<0.5	--	--	--
01/27/93	169.30	158.67	10.63	--	--	--	--	--	--	--	--	--
03/05/93	169.30	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93	169.30	158.59	10.71	--	--	--	--	--	--	--	--	--
06/18/93	169.30	158.29	11.01	<50	<50	0.6	<0.5	<0.5	<1.5	--	--	--
09/28/93	169.30	157.35	11.95	<50	<50	0.8	<0.5	<0.5	<1.5	--	--	--
12/30/93	169.30	158.34	10.96	<50	<50	8.5	<0.5	<0.5	<0.5	--	--	--
04/07/94	169.30	158.49	10.81	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	169.30	158.38	10.92	<50	<50	1.0	<0.5	<0.5	<0.5	--	--	--
09/23/94	169.30	158.40	10.90	<50	<50	1.3	<0.5	<0.5	<0.5	--	--	--
11/30/94	169.30	158.76	10.54	570[2]	<50	8.9	<0.5	<0.5	<0.5	--	--	--
03/30/95	169.30	158.60	10.70	110[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95	169.30	158.38	10.92	570[1]	61	15	<0.5	<0.5	<0.5	--	--	--
09/25/95	169.30	158.30	11.00	550[1]	<50	4.7	<0.5	<0.5	<0.5	--	--	--
12/28/95	169.30	158.50	10.80	330[1]	72	9.1	0.65	<0.5	<0.5	6.0	--	--
03/05/96	169.30	159.20	10.10	780[1]	<50	7.8	<0.5	<0.5	<0.5	<2.5	--	--
09/13/96	169.30	158.28	11.02	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/19/96	169.30	158.08	11.22	--	--	--	--	--	--	--	--	--
03/20/97	169.30	158.40	10.90	350[1]	<50	2.2	<0.5	<0.5	<0.5	<2.5	--	--
06/27/97	169.30	158.27	11.03	--	--	--	--	--	--	--	--	--
09/19/97	169.30	158.34	10.96	--	--	--	--	--	--	--	--	--
12/05/97	169.30	158.62	10.68	--	--	--	--	--	--	--	--	--
03/31/98	169.30	158.67	10.63	760[1]	<50	6.7	<0.5	<0.5	<0.5	<2.5	--	--
06/19/98	169.30	159.62	9.68	--	--	--	--	--	--	--	--	--
08/13/98	169.30	157.67	11.63	--	--	--	--	--	--	--	--	--
12/17/98	169.30	158.25	11.05	--	--	--	--	--	--	--	--	--
03/19/99	169.30	158.35	10.95	890[1]	124	14.8	<0.5	<0.5	<0.5	6.49/<2.5[13]	--	--
06/23/99	169.30	158.23	11.07	--	--	--	--	--	--	--	--	--
09/16/99	169.30	158.41	10.89	--	--	--	--	--	--	--	--	--
12/16/99	169.30	158.46	10.84	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-1 (cont)													
03/02/00		169.30	158.83	10.47	2,300[1]	155	10.4	<0.5	<0.5	<0.5	10.3	--	--
06/30/00		169.30	159.04	10.26	--	--	--	--	--	--	--	--	--
09/30/00	NP	169.30	158.30	11.00	--	--	--	--	--	--	--	--	--
12/19/00		169.30	158.44	10.86	--	--	--	--	--	--	--	--	--
03/13/01	NP	169.30	158.45	10.85	--[14]	50.4	4.50	0.553	0.522	2.10	1.65	--	--
06/12/01		169.30	158.28	11.02	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/18/01		169.30	158.23	11.07	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/17/01		169.30	158.59	10.71	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/21/02		169.30	158.54	10.76	--[14]	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/08/02		169.30	158.33	10.97	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/13/02		169.30	158.28	11.02	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/13/02		169.30	158.47	10.83	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/17/03		169.30	158.60	10.70	250	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/16/03		169.30	158.34	10.96	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/15/03		169.30	158.28	11.02	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/15/03		169.30	158.71	10.59	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/01/04		169.30	158.78	10.52	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
06/28/04		169.30	158.27	11.03	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/13/04		169.30	156.96	12.34	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/22/04		169.30	158.38	10.92	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/04/05		169.30	158.81	10.49	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
06/30/05		169.30	158.54	10.76	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/16/05		169.30	158.33	10.97	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/21/05		169.30	158.70	10.60	--	--	--	--	--	--	--	--	--
03/21/06[16]		169.30	158.93	10.37	1,100	<50	0.6	<0.5	<0.5	<0.5	1	--	<50
06/21/06		169.30	158.37	10.93	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/05/06		169.30	158.32	10.98	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/28/06		169.30	157.52	11.78	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/26/07[16]		169.30	158.39	10.91	730	<50	0.6	<0.5	<0.5	<0.5	<0.5	--	<50
06/26/07		169.30	158.30	11.00	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/26/07		169.30	158.26	11.04	SAMPLED ANNUALLY		--	--	--	--	--	--	--
12/20/07		169.30	158.66	10.64	SAMPLED ANNUALLY		--	--	--	--	--	--	--
02/29/08[16]	PER	169.30	158.57	10.73	64	87	4	<0.5	<0.5	<0.5	1	--	<50
05/09/08		169.30	158.38	10.92	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/19/08		169.30	158.28	11.02	SAMPLED ANNUALLY		--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-1 (cont)													
12/04/08		169.30	158.28	11.02	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/05/09[16]	PER-NP[23]	169.30	159.10	10.20	77	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	<50
06/23/09		169.30	158.36	10.94	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/01/09		169.30	158.26	11.04	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/16/10[16]	PER	169.30	158.75	10.55	1,200	70	3	<0.5	<0.5	<0.5	1	--	--
09/21/10		169.30	158.20	11.10	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/23/11[16]	**PER**	**169.30**	**159.02**	**10.28**	**180**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
MW-2													
10/08/91		169.15	157.20	11.95	--	110	5.1	1.1	0.8	26	--	--	--
11/19/91		169.15	157.40	11.75	--	120	11	1.1	<0.5	17	--	--	--
12/04/91		169.15	157.35	11.80	130	440	30	2.5	<0.5	52	--	--	--
06/05/92		169.15	157.35	11.80	130	80	13	<0.5	<0.5	1.0	--	--	--
10/27/92		169.15	157.15	12.00	110	54	13	<0.5	<0.5	<0.5	--	--	--
12/30/92		169.15	--	--	92	180	30	<0.5	<0.5	1.0	--	--	--
01/27/93		169.15	158.24	10.91	--	--	--	--	--	--	--	--	--
03/05/93		169.15	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93		169.15	158.26	10.89	--	--	--	--	--	--	--	--	--
06/18/93		169.15	157.41	11.74	<50	<50	1.4	<0.5	<0.5	<1.5	--	--	--
09/28/93		169.15	157.97	11.18	<50	<50	0.6	<0.5	<0.5	<1.5	--	--	--
12/30/93		169.15	158.34	21.00	<50	<50	0.9	<0.5	<0.5	<0.5	--	--	--
04/07/94		169.15	158.40	10.75	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94		169.15	158.35	10.80	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94		169.15	157.50	11.65	120	<50	0.7	<0.5	<0.5	<0.5	--	--	--
11/30/94		169.15	158.41	10.74	570[4]	55	2.9	<0.5	1.4	0.94	--	--	--
03/30/95		169.15	158.25	10.90	430[1]	91	4.5	<0.5	3.8	<0.5	--	--	--
06/06/95		169.15	157.73	11.42	410[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95		169.15	157.52	11.63	220[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95		169.15	157.98	11.17	120[1]	<2,000	<20	<20	<20	<20	5,000	--	--
03/05/96		169.15	159.09	10.06	860[1]	<2,000	<20	<20	<20	<20	10,000	--	--
09/13/96		169.15	157.37	11.78	1,300	1,100	25	<10	<10	<10	20,000	--	--
12/19/96		169.15	158.30	10.85	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/20/97		169.15	157.75	11.40	190[1]	2400	<10	<10	46	<10	6,200	--	--
06/27/97		169.15	157.35	11.80	--	--	--	--	--	--	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-2 (cont)													
09/19/97		169.15	157.43	11.72	60[1]	<50	<0.5	<0.5	<0.5	<0.5	280	--	--
12/08/97		169.15	158.27	10.88	--	--	--	--	--	--	--	--	--
03/31/98		169.15	158.46	10.69	220[1]	110	30	0.74	0.74	0.59	1,000	--	--
06/19/98		169.15	159.31	9.84	--	--	--	--	--	--	--	--	--
08/31/98		169.15	157.43	11.72	380[1]	<100	3.4	<1.0	<1.0	<1.0	980	--	--
12/17/98		169.15	157.60	11.55	--	--	--	--	--	--	480	--	--
03/19/99		169.15	158.63	10.52	107[4]	<250	12.7	<2.5	<2.5	<2.5	1,040/819[13]	--	--
06/23/99		169.15	159.61	9.54	--	--	--	--	--	--	--	--	--
09/16/99		169.15	157.54	11.61	84.9	<100	<1.0	<1.0	<1.0	<1.0	216	--	--
12/16/99		169.15	157.86	11.29	--	--	--	--	--	--	--	--	--
03/02/00		169.15	158.70	10.45	<50	84.8	21.5	<0.5	<0.5	0.636	413	--	--
06/30/00		169.15	159.08	10.07	--	--	--	--	--	--	--	--	--
09/30/00	NP	169.15	157.54	11.61	100[11]	<50	<0.50	0.57	<0.50	1.0	2,800	--	--
12/19/00		169.15	158.04	11.11	--	--	--	--	--	--	--	--	--
03/13/01	NP	169.15	158.22	10.93	--[14]	179	11.6	2.01	0.856	3.66	1,290	--	--
06/12/01		169.15	157.52	11.63	--	--	--	--	--	--	--	--	--
09/18/01	NP	169.15	157.37	11.78	100	<50	<0.50	<0.50	<0.50	<1.5	670	--	--
12/17/01		169.15	158.29	10.86	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/13/02		169.15	157.50	11.65	200	<50	<0.50	<0.50	<0.50	<1.5	260	--	--
12/13/02		169.15	158.07	11.08	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/17/03		169.15	158.38	10.77	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
06/16/03		169.15	157.77	11.38	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/15/03[16,17]		169.15	157.55	11.60	110	<50	<0.5	<0.5	<0.5	0.6	400	--	--
12/15/03		169.15	158.40	10.75	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/01/04		169.15	158.49	10.66	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
06/28/04		169.15	157.63	11.52	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/13/04		169.15	156.27	12.88	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
12/22/04		169.15	157.93	11.22	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/04/05		169.15	158.58	10.57	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
06/30/05		169.15	158.08	11.07	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/16/05[16]	NP	169.15	156.64	12.51	130	<50	<0.5	<0.5	<0.5	<0.5	140	--	<50
12/21/05		169.15	158.41	10.74	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/21/06[16]		169.15	158.74	10.41	72	<50	<0.5	<0.5	<0.5	<0.5	530	--	<50
06/21/06		169.15	157.64	11.51	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/05/06[16]		169.15	157.51	11.64	620	<50	<0.5	<0.5	<0.5	<0.5	150	--	<50

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-2 (cont)													
12/28/06		169.15	158.19	10.96	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/26/07[16]		169.15	157.74	11.41	86	<50	<0.5	<0.5	<0.5	<0.5	160	--	<50
06/26/07		169.15	157.60	11.55	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/26/07[16]		169.15	157.52	11.63	140	<50	<0.5	<0.5	<0.5	<0.5	69	--	<50
12/20/07		169.15	158.50	10.65	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
02/29/08[16]	PER	169.15	158.18	10.97	73	<50	<0.5	<0.5	<0.5	<0.5	54	--	<50
05/09/08		169.15	157.74	11.41	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/19/08	PER	169.15	157.48	11.67	120	<50	<0.5	<0.5	<0.5	<0.5	12	--	<50
12/04/08		169.15	157.67	11.48	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
03/05/09[16]	PER-NP[23]	169.15	158.65	10.50	<50	<50	<0.5	<0.5	<0.5	<0.5	55	--	<50
06/23/09		169.15	157.65	11.50	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/01/09[16]	PER	169.15	157.55	11.60	75	<50	<0.5	<0.5	<0.5	<0.5	10	--	--
03/16/10[16]	PER	169.15	158.50	10.65	120[24]	<50	<0.5	<0.5	<0.5	<0.5	23	--	--
09/21/10[16]	PER	169.15	157.67	11.48	84	<50	1	<0.5	<0.5	<0.5	32	--	--
03/23/11[16]	**PER**	**169.15**	**158.97**	**10.18**	**570**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**91**	**--**	**--**
MW-4													
10/27/92		169.18	157.79	11.39	<50	<50	<0.5	0.6	0.5	4.3	--	--	--
12/30/92		169.18	159.05	10.13	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/27/93		169.18	160.09	9.09	--	--	--	--	--	--	--	--	--
03/05/93		169.18	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93		169.18	159.28	9.90	--	--	--	--	--	--	--	--	--
06/18/93		169.18	158.50	10.68	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
09/28/93		169.18	159.82	9.36	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
12/30/93		169.18	159.91	9.27	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/07/94		169.18	160.37	8.81	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94		169.18	160.27	8.91	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94		169.18	158.79	10.39	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94		169.18	160.08	9.10	58[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/30/95		169.18	160.66	8.52	61[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95		169.18	158.70	10.48	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95		169.18	158.38	10.80	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95		169.18	159.23	9.95	<50	<50	<0.5	<0.5	<0.5	<0.5	9.9	--	--
12/21/05[16]		169.18	159.65	9.53	76[18]	<50	<0.5	<0.5	<0.5	<0.5	0.7	--	<50

Table 1
Groundwater Monitoring Data and Analytical Results
Chevron Service Station #9-6991
2920 Castro Valley Boulevard
Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-4 (cont)												
03/21/06[16]	169.18	160.35	8.83	<50	<50	<0.5	<0.5	<0.5	<0.5	0.5	--	<50
06/21/06[16]	169.18	158.55	10.63	<50	<50	<0.5	<0.5	<0.5	<0.5	0.8	--	<50
09/05/06[16]	169.18	158.24	10.94	170	<50	<0.5	<0.5	<0.5	<0.5	1	--	<50
12/28/06[16]	169.18	159.06	10.12	120	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	<50
03/26/07[16]	169.18	158.73	10.45	290	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	<50
06/26/07[16]	169.18	158.22	10.96	<50	<50	<0.5	<0.5	<0.5	<0.5	1	--	<50
09/26/07[16]	169.18	157.98	11.20	<50	<50	<0.5	<0.5	<0.5	<0.5	0.8	--	<50
12/20/07[16]	169.18	159.01	10.17	62	<50	<0.5	<0.5	<0.5	<0.5	0.5	--	<50
02/29/08[16]	169.18	159.32	9.86	180	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	<50
05/09/08[16]	169.18	158.41	10.77	80	<50	<0.5	<0.5	<0.5	<0.5	0.6	--	<50
09/19/08[16]	169.18	157.97	11.21	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	<50
12/04/08[16]	169.18	158.20	10.98	58	<50	<0.5	<0.5	<0.5	<0.5	0.8	--	<50
03/05/09[16]	169.18	159.36	9.82	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	<50
06/23/09	169.18	158.45	10.73	SAMPLED ANNUALLY		--	--	--	--	--	--	--
09/01/09	169.18	158.10	11.08	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/16/10[16]	169.18	159.81	9.37	60[25]	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/21/10	169.18	158.06	11.12	SAMPLED ANNUALLY		--	--	--	--	--	--	--
03/23/11[16]	**169.18**	**160.39**	**8.79**	**<50**	**<50**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**--**	**--**
MW-6												
10/27/92	166.46	153.92	12.54	<50	600	22	22	24	130	--	--	--
12/30/92	166.46	156.26	10.20	470	1,700	170	16	46	160	--	--	--
01/27/93	166.46	156.44	10.02	--	--	--	--	--	--	--	--	--
03/05/93	166.46	--	--	150	480	76	0.9	3.1	7.1	--	--	--
03/17/93	166.46	155.79	10.67	--	--	--	--	--	--	--	--	--
06/18/93	166.46	154.63	11.83	51	240	37	3.4	2.9	18	--	--	--
09/28/93	166.46	154.90	11.56	120	150	11	1.2	1.3	4.3	--	--	--
12/30/93	166.46	154.81	11.65	290	680	77	5.1	5.5	13	--	--	--
04/07/94	166.46	155.34	11.12	<10	190	24	2.9	1.9	8.0	--	--	--
05/31/94	166.46	--	--	--	--	--	--	--	--	--	--	--
09/23/94	166.46	155.05	11.41	--	--	--	--	--	--	--	--	--
11/30/94	166.46	156.58	9.88	150[2]	320	49	0.58	1.4	1.2	--	--	--
12/15/03[16]	166.46	156.60	9.86	71	210	0.5	0.9	0.7	2	14	--	<50
03/01/04[16,21]	166.46	157.16	9.30	<250	150	<0.5	4	3	18	10	--	<50

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-6 (cont)												
06/28/04[16,21]	166.46	155.13	11.33	66	100	<0.5	<0.5	<0.5	<0.5	18	--	--
09/13/04[16,21]	166.46	154.88	11.58	<50	<50	<0.5	<0.5	<0.5	<0.5	17	--	<50
12/22/04[16,21]	166.46	155.75	10.71	300	440	1	1	2	3	10	--	<50
03/04/05[16,21]	166.46	157.25	9.21	75	65	<0.5	<0.5	<0.5	1	8	--	<50
06/30/05[16,21]	166.46	155.49	10.97	73	<50	<0.5	<0.5	<0.5	<0.5	7	--	<50
09/16/05[16,21]	166.46	155.02	11.44	58[17]	<50	<0.5	<0.5	<0.5	<0.5	13	--	<50
12/21/05[16,21]	166.46	156.66	9.80	120[19]	140	<0.5	<0.5	<0.5	1	8	--	<50
03/21/06[16,21]	166.46	157.54	8.92	75	52	<0.5	<0.5	0.9	3	8	--	<50
06/21/06[16,21]	166.46	155.38	11.08	56	92	<0.5	<0.5	0.5	2	10	--	<50
09/05/06[16,21]	166.46	155.07	11.39	67	62	<0.5	<0.5	<0.5	<0.5	9	--	<50
12/28/06[16,21]	166.46	156.32	10.14	300	260	<0.5	0.5	<0.5	1	3	--	<50
03/26/07[21]	166.46	INACCESSIBLE - VEHICLE PARKED OVER WELL					--	--	--	--	--	--
06/26/07[16]	166.46	155.32	11.14	67	<50	<0.5	<0.5	<0.5	<0.5	8	--	<50
09/26/07[16]	166.46	155.02	11.44	84	180	<0.5	0.5	3	5	6	--	--
12/20/07[16]	166.46	156.41	10.05	220	530	<0.5	0.7	1	7	2	--	--[22]
02/29/08[16]	166.46	156.49	9.97	110	110	<0.5	<0.5	1	4	4	--	<50
05/09/08[16]	166.46	155.19	11.27	100	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	<50
09/19/08[16]	166.46	154.85	11.61	<50	<50	<0.5	<0.5	<0.5	<0.5	5	--	<50
12/04/08[16]	166.46	155.08	11.38	<50	<50	<0.5	<0.5	<0.5	<0.5	5	--	<50
03/05/09[16]	166.46	157.57	8.89	140	160	<0.5	<0.5	1	7	2	--	<50
06/23/09	166.46	155.14	11.32	SAMPLED SEMI-ANNUALLY			--	--	--	--	--	--
09/01/09[16]	166.46	154.82	11.64	52	<50	<0.5	<0.5	<0.5	<0.5	5	--	--
03/16/10[16]	166.46	156.78	9.68	76[25]	100	<0.5	<0.5	0.7	7	0.7	--	--
09/21/10[16]	166.46	154.98	11.48	51	<50	<0.5	<0.5	<0.5	<0.5	3	--	--
03/23/11	**166.46**	**INACCESSIBLE - VEHICLE PARKED OVER WELL**					--	--	--	--	--	--
MW-7												
09/25/95	168.80	157.20	11.60	1,400[1]	220	0.79	<0.5	0.67	<0.5	--	--	--
12/28/95	168.80	158.14	10.66	590[1]	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/05/96	168.80	159.74	9.06	320[1]	1,400	<10	<10	47	<10	5,300	--	--
06/27/96	168.80	157.27	11.53	630[1]	<2,500	<25	<25	<25	<25	14,000	--	--
09/13/96	168.80	156.88	11.92	1,400	1,100	26	<10	24	<10	20,000	--	--
12/19/96	168.80	158.29	10.51	1,100[3]	<5,000	<50	<50	<50	<50	12,000	--	--
03/20/97	168.80	157.84	10.96	1,600[3]	<1,000	<10	<10	<10	<10	2,100/2,000[13]	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-7 (cont)													
06/27/97		168.80	157.02	11.78	1,600[1]	2,000	<20	<20	<20	<20	11,000	--	--
09/19/97		168.80	156.87	11.93	1,900[1]	<1,000	35	<10	<10	<10	13,000	--	--
12/05/97		168.80	158.40	10.40	1,100[1]	2,100	47	2.7	28	<2.5	15,000	--	--
03/31/98		168.80	158.89	9.91	780[1]	410	4.0	0.61	2.2	<0.5	<2.5	--	--
06/19/98		168.80	159.09	9.71	480[1]	1,100	16	<10	17	<10	12,000	--	--
08/31/98		168.80	157.11	11.69	580[1]	<500	350	22	<5.0	<5.0	47,000	--	--
12/17/98		168.80	157.70	11.10	970	1,800	<10	<10	24	<10	13,000/14,000[13]	--	--
03/19/99		168.80	158.51	10.29	615[1]	1,280	<5.0	5.0	16.3	<5.0	2,240/2,910[13]	--	--
06/23/99		168.80	157.25	11.55	1,240[1]	<5,000	<50	<50	<50	<50	18,000	--	--
09/16/99		168.80	157.31	11.49	2,230	<5,000	<50	<50	<50	<50	13,700	--	--
12/16/99		168.80	158.27	10.53	973[1]	1,330	<1.0	6.44	14	5.17	10,800	--	--
03/02/00		168.80	159.25	9.55	880[1]	1,980	7.22	<5.0	6.11	<5.0	4,230	--	--
06/30/00		168.80	157.68	11.12	620[7]	2,500[6]	6.0	8.5	16	72	6,900	--	--
09/30/00	NP	168.80	157.23	11.57	1,600[7]	1,700[10]	750	<5.0	<5.0	<5.0	7,300	--	--
12/19/00		168.80	158.26	10.54	1,100[12]	1,800[10]	<10	<10	<10	<10	4,900	--	--
03/13/01		168.80	158.74	10.06	1,500[12]	1,470	9.34	5.09	6.08	2.69	2,920	--	--
06/12/01		168.80	157.45	11.35	910[15]	920[10]	260	4.2	9.7	2.8	4,500	--	--
09/18/01		168.80	156.87	11.93	3,000	2,000	<0.50	<0.50	<0.50	<1.5	5,300	--	--
12/17/01		168.80	157.99	10.81	7,000	1,700	<5.0	<0.50	7.1	<1.5	4,100	--	--
03/21/02		168.80	158.56	10.24	13,000	3,200	<5.0	<0.50	24	<1.5	980	--	--
06/08/02		168.80	157.32	11.48	3,500	1,500	3.6	<0.50	8.5	<1.5	2,800	--	--
09/13/02		168.80	157.02	11.78	2,400	1,200	1.8	<1.0	2.8	<1.5	3,300	--	--
12/13/02		168.80	157.97	10.83	3,400	1,100	2.4	<0.50	2.3	<1.5	2,000	--	--
03/17/03		168.80	158.71	10.09	3,700	1,600	<10	<0.50	5.1	<1.5	1,000	--	--
06/16/03[16]		168.80	157.81	10.99	4,400	2,500	1	0.5	14	<0.5	260	--	--
09/15/03[16]		168.80	157.38	11.42	4,700	1,700	1	<0.5	6	0.5	790	--	<50
12/15/03[16]		168.80	158.58	10.22	3,200	610	<0.5	<0.5	1	<0.5	780	--	<50
03/01/04[16]		168.80	159.19	9.61	2,200	1,500	<0.5	<0.5	4	<0.5	16	--	<50
06/28/04[16]		168.80	157.38	11.42	3,700	2,500	2	<0.5	8	<0.5	300	--	--
09/13/04[16]		168.80	156.78	12.02	2,000	2,000	1	<1	4	<1	700	--	<100
12/22/04[16]		168.80	158.39	10.41	1,300	970	0.8	<0.5	5	<0.5	370	--	<50
03/04/05[16]		168.80	159.12	9.68	890	790	<0.5	<0.5	1	<0.5	5	--	<50
06/30/05[16]		168.80	157.63	11.17	2,600	1,300	<0.5	<0.5	3	<0.5	68	--	<50
09/16/05[16]		168.80	157.29	11.51	1,300	1,200	<0.5	<0.5	1	<0.5	380	--	<50
12/21/05[16]		168.80	158.74	10.06	1,600[20]	1,300	<0.5	<0.5	2	<0.5	170	--	<50

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-7 (cont)												
03/21/06[16]	168.80	159.28	9.52	2,800	810	<0.5	<0.5	<0.5	<0.5	200	--	<50
06/21/06[16]	168.80	157.35	11.45	1,100	1,800	0.5	<0.5	2	<0.5	260	--	<50
09/05/06[16]	168.80	157.01	11.79	2,100	910	<0.5	<0.5	<0.5	<0.5	370	--	<50
12/28/06[16]	168.80	158.34	10.46	7,200	2,700	0.5	<0.5	3	<0.5	140	--	<50
03/26/07[16]	168.80	157.46	11.34	6,500	1,300	<0.5	<0.5	1	<0.5	150	--	<50
06/26/07[16]	168.80	157.15	11.65	2,100	1,900	0.6	<0.5	2	<0.5	170	--	<50
09/26/07[16]	168.80	156.98	11.82	2,200	670	<0.5	<0.5	<0.5	<0.5	420	--	<50
12/20/07[16]	168.80	158.23	10.57	4,300	2,600	0.8	<0.5	4	<0.5	130	--	<50
02/29/08[16]	168.80	158.56	10.24	2,400	1,400	<0.5	<0.5	2	<0.5	35	--	<50
05/09/08[16]	168.80	157.27	11.53	1,700	2,200	0.6	0.6	2	<0.5	76	--	<50
09/19/08[16]	168.80	156.86	11.94	10,000	610	<0.5	<0.5	<0.5	<0.5	430	--	<50
12/04/08[16]	168.80	157.16	11.64	3,000	1,100	<0.5	<0.5	<0.5	<0.5	440	--	<50
03/05/09[16]	168.80	159.46	9.34	1,000	2,100	<0.5	<0.5	3	<0.5	57	--	<50
06/23/09[16]	168.80	157.41	11.39	2,300	1,800	<0.5	<0.5	1	<0.5	100	--	--
09/01/09[16]	168.80	156.88	11.92	6,800	2,100	<0.5	<0.5	1	<0.5	150	--	--
03/16/10[16]	168.80	158.99	9.81	5,500	1,700	<0.5	<0.5	2	<0.5	9	--	--
09/21/10[16]	168.80	157.19	11.61	1,200	2,800	<0.5	<0.5	0.7	<0.5	16	--	--
03/23/11[16]	**168.80**	**159.59**	**9.21**	**360**	**76**	**<0.5**	**<0.5**	**<0.5**	**<0.5**	**0.6**	**--**	**--**
MW-3												
10/08/91	169.11	160.84	8.27	--	81	1.9	0.7	0.8	2.4	--	--	--
11/04/91	169.11	158.26	10.85	--	60	<0.5	<0.5	<0.5	<0.5	--	--	--
12/04/91	169.11	158.06	11.05	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/05/92	169.11	157.96	11.15	170	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
10/27/92	169.11	157.51	11.60	120	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/92	169.11	--	--	170	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/27/93	169.11	160.00	9.11	--	--	--	--	--	--	--	--	--
03/05/93	169.11	--	--	--	--	--	--	--	--	--	--	--
03/17/93	169.11	159.16	9.95	--	--	--	--	--	--	--	--	--
06/18/93	169.11	158.22	10.89	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
09/28/93	169.11	159.49	9.62	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
12/30/93	169.11	159.80	9.31	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/07/94	169.11	160.30	8.81	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	169.11	160.21	8.90	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-3 (cont)													
09/23/94		169.11	158.48	10.63	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94		169.11	160.19	8.92	--	--	--	--	--	--	--	--	--
03/30/95		169.11	160.01	9.10	290[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95		169.11	158.79	10.32	150[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95		169.11	158.11	11.00	260[1]	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95		169.11	158.96	10.15	200[1]	<250	<2.5	<2.5	<2.5	<2.5	1,400	--	--
12/17/98		169.11	158.86	10.25	130[1]	<250	<2.5	<2.5	<2.5	<2.5	62,000	--	--
03/19/99		169.11	159.37	9.74	139[1]	<1,000	<10	<10	<10	<10	5,650/5,850[13]	--	--
06/23/99		169.11	158.40	10.71	61.6[1]	<2,000	<20	<20	<20	<20	6,700	--	--
09/16/99		169.11	157.44	11.67	122	<1,000	<10	<10	<10	<10	1,910	--	--
12/16/99		169.11	158.79	10.32	--	--	--	--	--	--	5,850	--	--
12/20/00		169.11	158.91	10.20	96.8[1]	65.2	<0.5	<0.5	<0.5	<0.5	1,790	--	--
03/02/00		169.11	160.26	8.85	<50	<50	<0.5	<0.5	<0.5	<0.5	5,600	--	--
06/30/00		169.11	158.81	10.30	<50	360[5]	<0.50	<0.50	<0.50	<0.50	1,300	--	--
09/30/00	NP	169.11	158.07	11.04	--	150[9]	75	<1.3	<1.3	<1.3	8,200	--	--
12/19/00	NP	169.11	159.06	10.05	--[14]	<1,000	<10	<10	<10	<10	4,600	--	--
03/13/01	NP	169.11	159.76	9.35	--[14]	284	0.601	1.00	<0.500	1.27	3,670	--	--
06/12/01	NP	169.11	158.08	11.03	<50	140[9]	67	<0.50	<0.50	<0.50	2,600	--	--
09/18/01	NP	169.11	157.96	11.15	100	240	<0.50	<0.50	<0.50	<1.5	3,200	--	--
12/17/01		169.11	159.22	9.89	270	55	<0.50	<0.50	<0.50	<1.5	930	--	--
03/21/02		169.11	159.38	9.73	290	190	<0.50	<0.50	<0.50	<1.5	2,600	--	--
06/08/02		169.11	158.21	10.90	110	110	<0.50	<0.50	<0.50	<1.5	2,200	--	--
09/13/02		169.11	158.26	10.85	<50	<50	<0.50	<0.50	<0.50	<1.5	650	--	--
12/13/02		169.11	159.11	10.00	120	<50	<0.50	<0.50	<0.50	<1.5	450	--	--
03/17/03		169.11	159.66	9.45	370	80	<0.50	<0.50	<0.50	<1.5	1,600	--	--
06/16/03		169.11	158.98	10.13	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
09/15/03		169.11	157.85	11.26	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
12/15/03[16]		169.11	159.78	9.33	--[14]	<50	<0.5	3	0.6	4	220	--	<50
03/01/04		169.11	159.22	9.89	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--
06/28/04[16]		169.11	158.26	10.85	95	<50	<0.5	<0.5	<0.5	<0.5	980	--	--
09/13/04		169.11	DRY AT 12.96 FEET		--	--	--	--	--	--	--	--	--
12/22/04[16]	NP	169.11	159.14	9.97	--[14]	53	<0.5	<0.5	<0.5	<0.5	110	--	<50

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

WELL ID/ DATE		TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
MW-3 (cont)													
03/04/05[16]	NP	169.11	159.68	9.43	<50	<50	<0.5	<0.5	<0.5	<0.5	460	--	<50
06/30/05[16]	NP	169.11	158.66	10.45	58[17]	<50	<0.5	<0.5	<0.5	<0.5	600	--	<50
09/16/05[16]	NP	169.11	158.26	10.85	--[14]	<50	<0.5	<0.5	<0.5	<0.5	530	--	<50
NOT MONITORED/SAMPLED													
MW-5													
10/27/92		167.41	157.46	9.95	<50	74	<0.5	<0.5	0.6	7.1	--	--	--
12/30/92		167.41	158.21	9.20	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/27/93		167.41	157.80	9.61	--	--	--	--	--	--	--	--	--
03/05/93		167.41	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93		167.41	157.90	9.51	--	--	--	--	--	--	--	--	--
06/18/93		167.41	157.56	9.85	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/28/93		167.41	157.55	9.86	<50	<50	<0.5	<0.5	<0.5	<1.5	--	--	--
12/30/93		167.41	157.08	10.33	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/07/94		167.41	157.69	9.72	<10	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94		167.41	157.68	9.73	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94		167.41	157.56	9.85	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94		167.41	157.73	9.68	79[2]	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/30/95		167.41	157.79	9.62	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95		167.41	157.55	9.86	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95		167.41	157.56	9.85	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95		167.41	157.67	9.74	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
NOT MONITORED/SAMPLED													
TRIP BLANK													
10/08/91		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/04/91		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/04/91		--	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/05/92		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/92		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
01/27/93		--	--	--	<50	--	--	--	--	--	--	--	--
03/05/93		--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/17/93		--	--	--	--	--	--	--	--	--	--	--	--
06/18/93		--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--	--	--

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Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
TRIP BLANK (cont)												
09/28/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/30/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
04/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
05/31/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/23/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
11/30/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/06/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/25/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/28/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
03/05/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
06/27/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
09/13/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--	--	--
12/19/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/20/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/27/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
09/19/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/05/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/19/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
08/31/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	--	--
09/16/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/16/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
12/20/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
03/02/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--
06/30/00[8]	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
09/30/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
12/19/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
03/13/01	--	--	--	--	<50.0	<0.500	0.534	<0.500	1.25	<0.500	--	--
06/12/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	--
09/18/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--

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Chevron Service Station #9-6991

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Castro Valley, California

WELL ID/ DATE	TOC (ft.)	GWE (msl)	DTW (ft.)	TPH-DRO (ug/L)	TPH-GRO (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE (ug/L)	TOG (ug/L)	ETHANOL (ug/L)
QA												
12/17/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/21/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/08/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
09/13/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
12/13/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
03/17/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5	--	--
06/16/03[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/15/03[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/15/03[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/01/04[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/28/04[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/13/04[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/22/04[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/04/05[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/30/05[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/16/05[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/21/05[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/21/06[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/21/06[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/05/06[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/28/06[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/26/07[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/26/07[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/26/07[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/20/07[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
02/29/08[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
05/09/08[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/19/08[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
12/04/08[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
03/05/09[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
06/23/09[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
09/01/09[16]	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	--	--
DISCONTINUED												

Table 1

Groundwater Monitoring Data and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 30, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing
(ft.) = Feet
GWE = Groundwater Elevation
(msl) = Mean sea level
DTW = Depth to Water
TPH = Total Petroleum Hydrocarbons
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
TPH-D = Total Petroleum Hydrocarbons as Diesel
TOG = Total Oil and Grease
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
MTBE = Methyl Tertiary Butyl Ether
(µg/L) = Micrograms per liter
-- = Not Measured/Not Analyzed
NP = No Purge
PER = Peristaltic Pump
QA = Quality Assurance/Trip Blank

1 Chromatogram pattern indicates an unidentified hydrocarbon.
2 Chromatogram pattern indicates a non-diesel mix.
3 Chromatogram pattern indicates an unidentified hydrocarbon and weathered diesel.
4 Chromatogram pattern indicates a non-diesel mix + discrete peaks.
5 Laboratory report indicates unidentified hydrocarbons C6-C12.
6 Laboratory report indicates gasoline C6-C12 + unidentified hydrocarbons C6-C12.
7 Laboratory report indicates unidentified hydrocarbons C9-C24.
8 Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.
9 Laboratory report indicates discrete peaks.
10 Laboratory report indicates gasoline C6-C12.
11 Laboratory report indicates unidentified hydrocarbons >C16.
12 Laboratory report indicates diesel C9-C24 + unidentified hydrocarbons <C16.
13 Confirmation run.
14 Insufficient water to obtain sample for TPH-D.
15 Laboratory report indicates unidentified hydrocarbons C9-C17.
16 BTEX and MTBE by EPA Method 8260.
17 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. The reported result is due to individual peak(s) eluting in the DRO range.
18 Laboratory report indicates the observed sample pattern is not typical of #2 fuel/diesel. It elutes in the DRO range later than #2 fuel and contains individual peaks eluting in the DRO range.
19 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel, an additional pattern which elutes later in the DRO range, and individual peaks eluting in the DRO range.
20 Laboratory report indicates the observed sample pattern includes #2 fuel/diesel and additional patterns which elute earlier and later in the DRO range.
21 Incorrect TOC elevation (168.80) was used in past reports. Correct TOC and GWE are shown.
22 Analysis inadvertently missed in the field.
23 No Purge due to insufficient water.
24 Laboratory report indincates DRO was detected in the method blank at a concentration of 38 µg/L. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction therefore, all results are reported from the original extract. Similar results were obtained in both extracts.
25 Laboratory report indincates DRO was detected in the method blank at a concentration of 38 µg/L. Results from the reextraction are within the limits. The hold time had expired prior to the reextraction therefore, all results are reported from the original extract. The DRO result for the reextract is ND.

Table 2

Field Measurements and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

WELL ID	DATE	D.O. (mg/L)	ORP (mV)	ALKALINITY (ug/L)	SULFATE (ug/L)	NITRATE as NITROGEN (ug/L)	FERROUS IRON (ug/L)
MW-1	12/21/05	3.7	151	581,000	184,000	6,400	29
	03/21/06	4.7	32	546,000	147,000	5,800	600
	06/21/06	SAMPLED ANNUALLY		--	--	--	--
	09/05/06	SAMPLED ANNUALLY		--	--	--	--
	12/28/06	SAMPLED ANNUALLY		--	--	--	--
	03/26/07	3.4	47	844,000[3]	112,000	3,600	22,400
	02/29/08	2.6	153	[1]<460/584,000[2]	158,000	4,500	730
MW-4	12/21/05	1.4	89	396,000	137,000	2,300	<8.0
	03/21/06	3.0	82	407,000	139,000	2,200	<8.0
	06/21/06	0.3	86	[1]710/403,000[2]	136,000	2,700	12
	09/05/06	2.1	106	[1]<460/412,000[2]	147,000	2,700	210
	12/28/06	1.1	114	[1]<460/396,000[2]	175,000	2,500	<8.0
	03/26/07	1.2	188	393,000[3]	151,000	1,800	190
	06/26/07	1.9	31	392,000	179,000	2,900	<8.0
	09/26/07	2.3	110	[1]<460/412,000[2]	182,000	1,600	<8.0
	12/20/07	2.1	76	[1]<460/402,000[2]	169,000	1,400	<8.0
	02/29/08	1.6	88	[1]<460/396,000[2]	193,000	1,500	15
	05/09/08	1.1	77	[1]<460/399,000[2]	165,000	1,500	23
	09/19/08	1.7	43	[1]<460/420,000[2]	167,000	2,500	<8.0
MW-7	12/21/05	1.4	53	475,000	2,700	<400	820
	03/21/06	2.5	12	439,000	3,800	<400	3,800
	06/21/06	0.1	-62	[1]1,400/480,000[2]	1,600	<250	5,000
	09/05/06	1.2	-23	[1]<460/419,000[2]	1,700	<250	3,500
	12/28/06	0.80	-36	[1]<460/498,000[2]	2,100	<250	1,000
	03/26/07	1.1	-24	490,000[3]	2,000	<250	2,200
	06/26/07	1.0	-72	426,000	1,800	<250	4,700
	09/26/07	.90	26	[1]<460/423,000[2]	2,400	<250	3,800
	12/20/07	1.3	-8	[1]<460/539,000[2]	3,200	<250	910
	02/29/08	1.2	80	[1]<460/510,000[2]	8,100	<250	690
	05/09/08	1.0	65	[1]<460/157,000[2]	2,700	<250	1,800
	09/19/08	1.7	25	[1]<460/403,000[2]	8,100	<250	8,000

Table 2

Field Measurements and Analytical Results

Chevron Service Station #9-6991

2920 Castro Valley Boulevard

Castro Valley, California

EXPLANATIONS:

D.O. = Dissolved Oxygen
(mg/L) = milligrams per liter
ORP = Oxidation Reduction Potential
(mV) = millivolts
-- = Not Analyzed
(µg/L) = Micrograms per liter

[1] pH 8.3.
[2] pH 4.5.
[3] Laboratory report indicates this sample was analyzed past the 14-day hold time.

ANALYTICAL METHODS:

Alkalinity by EPA Method SM20 2320 B for Alkalinity to pH 8.3
Alkalinity by EPA Method SM20 2320 B for Alkalinity to pH 4.5
Sulfate by EPA Method 300.0
Nitrate as Nitrogen by EPA Method 300.00
Ferrous Iron by EPA Method SM20 3500-Fe B

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 #9-6991** Job Number: **385296**
Site Address: **2920 Castro Valley Blvd** Event Date: 3-23-11 (inclusive)
City: **Castro Valley, CA** Sampler: Joe

Well ID **MW-1** Date Monitored: 3-23-11
Well Diameter (3/4) 1 2 in.
Total Depth 17.71 ft.
Depth to Water 10.28 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.

7.43 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: Perist. Pump

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

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): 0815 Weather Conditions: Rain
Sample Time/Date: 0823 / 3-23-11 Water Color: clear Odor: (Y) / N faint
Approx. Flow Rate: — gpm. Sediment Description: none
Did well de-water? no If yes, Time: — Volume: — gal. DTW @ Sampling: —

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (mS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
—	—	6.81	1096	15.6		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 500ml ambers	YES	NO	LANCASTER	TPH-DRO (8015)

COMMENTS: slow recovery.

Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-6991** Job Number: **385296**

Site Address: **2920 Castro Valley Blvd** Event Date: 3-23-11 (inclusive)

City: **Castro Valley, CA** Sampler: Joe

Well ID **MW-2** Date Monitored: 3-23-11

Well Diameter (3/4) 1 2 in.

Total Depth 14.69 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.

4.51 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: Perist. pump

Sampling Equipment:

Disposable Bailer
Pressure Bailer
Discrete Bailer
Peristaltic Pump
QED Bladder Pump
Other: Perist. pump

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): 0835 Weather Conditions: Rain

Sample Time/Date: 0845 / 3-23-11 Water Color: clear Odor: Y / (N)

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

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

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (mS))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
		7.46	1251	15.9		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW- 2	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2x 500ml ambers	YES	NO	LANCASTER	TPH-DRO (8015)

COMMENTS: slow recovery

Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-6991 | Job Number: 385296
Site Address: 2920 Castro Valley Blvd | Event Date: 3-23-11 (inclusive)
City: Castro Valley, CA | Sampler: Joe

Well ID: MW-4 | Date Monitored: 3-23-11
Well Diameter: 3/4 1(2) in.
Total Depth: 19.74 ft.
Depth to Water: 8.79 ft. ☐ Check if water column is less then 0.50 ft.

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

10.93 xVF 0.17 = 1.86 x3 case volume = Estimated Purge Volume: 6 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.98

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): 0900 | Weather Conditions: Rain
Sample Time/Date: 0930 13-23-11 | Water Color: clear | Odor: Y / N
Approx. Flow Rate: — gpm. | Sediment Description: none
Did well de-water? no | If yes, Time: — | Volume: — gal. | DTW @ Sampling: 9.22

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0908	2	7.36	1154	16.2		
0913	4	7.30	1150	15.7		
0918	6	7.33	1157	15.8		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 500ml ambers	YES	NO	LANCASTER	TPH-DRO (8015)

COMMENTS:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-6991** Job Number: **385296**

Site Address: **2920 Castro Valley Blvd** Event Date: 3-23-11 (inclusive)

City: **Castro Valley, CA** Sampler: Joe

Well ID **MW-6** Date Monitored: _____

Well Diameter 3/4 /(2) in.

Total Depth _____ ft.

Depth to Water _____ ft.

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

☐ Check if water column is less then 0.50 ft.

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

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

Purge Equipment:

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

Sampling Equipment:

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

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

Start Time (purge): _____ Weather Conditions: _____

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

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

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

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

LABORATORY INFORMATION

SAMPLE ID	(#)/CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-	x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	x 500ml ambers	YES	NO	LANCASTER	TPH-DRO (8015)

COMMENTS: Was packed over all day. Picture taken.

Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: **Chevron #9-6991** Job Number: **385296**
Site Address: **2920 Castro Valley Blvd** Event Date: 3-23-11 (inclusive)
City: **Castro Valley, CA** Sampler: Joe

Well ID **MW-7** Date Monitored: 3-23-11
Well Diameter 3/4 (2) in.
Total Depth 19.68 ft.
Depth to Water 9.21 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.

10.47 xVF 0.17 = 1.78 x3 case volume = Estimated Purge Volume: 5.5 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.30

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): 0945 Weather Conditions: Rain
Sample Time/Date: 1010 / 3-23-11 Water Color: clear Odor: Y / N light
Approx. Flow Rate: ~ gpm. Sediment Description: none
Did well de-water? no If yes, Time: ~ Volume: gal. DTW @ Sampling: 10.16

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0952	1.5	6.96	925	16.1		
0956	3.5	6.90	915	16.4		
0959	5.5	6.87	919	16.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	6 x voa vial	YES	HCL	LANCASTER	TPH-GRO(8015)/BTEX+MTBE(8260)
	2 x 500ml ambers	YES	NO	LANCASTER	TPH-DRO (8015)

COMMENTS:

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

Chevron California Region Analysis Request/Chain of Custody

Lancaster Laboratories

Ø32311-Ø7

For Lancaster Laboratories use only
Acct. #: 12099 Sample # 6238090-93 Group #: 005934

C#1238748

CRA MTI Project #: 61H-1633

Facility #: SS#9-6991 G-R#385296 Global ID#T0600100324
Site Address: 2920 CASTRO VALLEY BLVD, CASTRO VALLEY, CA
Chevron PM: MTI Lead Consultant: CRAKJ Kiernan
Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, CA 94568
Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)
Consultant Phone #: 925-551-7555 Fax #: 925-551-7899
Sampler:

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water (☐ Potable ☐ NPDES)	Matrix: Oil ☐ Air	Total Number of Containers	Analyses Requested / Preservation Codes: BTEX + MTBE 8260 ☒ 8021 ☐	TPH 8015 MOD GRO	TPH 8015 MOD DRO ☐ Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead Method	Dissolved Lead Method
MW-1	3-23-11	0823	✓			✓		8	✓	✓	✓				
MW-2	↓	0845	↓			↓		8	✓	✓	✓				
MW-4		0930						8	✓	✓	✓				
MW-7	↓	1010	↓			↓		8	✓	✓	✓				

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

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

Comments / Remarks

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

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

	Date	Time		Date	Time
Relinquished by:	3-23-11	1155	Received by: GETTLER-RYAN FRIDGE	03-23-11	1155
Relinquished by:	23MAR11	1335	Received by:	23MAR11	1335
Relinquished by:	3/23/11	1630	Received by: FE		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt 0.7-1.9 C°			Custody Seals Intact? Yes No		

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Analysis Report

ANALYTICAL RESULTS

Prepared by:

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

Prepared for:

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

March 31, 2011

Project: 96991

Submittal Date: 03/24/2011
Group Number: 1238748
PO Number: 96991
Release Number: MTI
State of Sample Origin: CA

Client Sample Description	Lancaster Labs (LLI) #
MW-1-W-110323 Grab Water	6238090
MW-2-W-110323 Grab Water	6238091
MW-4-W-110323 Grab Water	6238092
MW-7-W-110323 Grab Water	6238093

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

ELECTRONIC COPY TO	Gettler-Ryan, Inc.	Attn: Rachelle Munoz
ELECTRONIC COPY TO	Chevron c/o CRA	Attn: Report Contact
ELECTRONIC COPY TO	Chevron	Attn: Anna Avina

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Analysis Report

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

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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Analysis Report

Sample Description: MW-1-W-110323 Grab Water
Facility# 96991 Job# 385296 MTI# 61H-1633 GRD
2920 Castro Valley-Castro T0600100324 MW-1

LLI Sample # WW 6238090
LLI Group # 1238748
Account # 12099

Project Name: 96991

Collected: 03/23/2011 08:23

Submitted: 03/24/2011 09:45
Reported: 03/31/2011 15:46

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

CVC01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH	**SW-846 8015B**		ug/l	ug/l	
06609	TPH-DRO CA C10-C28	n.a.	180	50	1

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110872AA	03/28/2011 12:59	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110872AA	03/28/2011 12:59	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 17:37	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 17:37	Elizabeth J Marin	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	110830027A	03/29/2011 21:43	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	110830027A	03/25/2011 09:55	Denise L Trimby	1

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Analysis Report

Sample Description: MW-2-W-110323 Grab Water
Facility# 96991 Job# 385296 MTI# 61H-1633 GRD
2920 Castro Valley-Castro T0600100324 MW-2

LLI Sample # WW 6238091
LLI Group # 1238748
Account # 12099

Project Name: 96991

Collected: 03/23/2011 08:45

Submitted: 03/24/2011 09:45
Reported: 03/31/2011 15:46

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

CVC02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	91	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH	**SW-846 8015B**		ug/l	ug/l	
06609	TPH-DRO CA C10-C28	n.a.	570	50	1

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110872AA	03/28/2011 13:21	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110872AA	03/28/2011 13:21	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 17:59	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 17:59	Elizabeth J Marin	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	110830027A	03/29/2011 22:00	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	110830027A	03/25/2011 09:55	Denise L Trimby	1

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Analysis Report

Sample Description: MW-4-W-110323 Grab Water
Facility# 96991 Job# 385296 MTI# 61H-1633 GRD
2920 Castro Valley-Castro T0600100324 MW-4

LLI Sample # WW 6238092
LLI Group # 1238748
Account # 12099

Project Name: 96991

Collected: 03/23/2011 09:30

Submitted: 03/24/2011 09:45
Reported: 03/31/2011 15:46

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

CVC04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	N.D.	50	1
GC Extractable TPH	**SW-846 8015B**		ug/l	ug/l	
06609	TPH-DRO CA C10-C28	n.a.	N.D.	50	1

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	F110872AA	03/28/2011 13:43	Anita M Dale	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	F110872AA	03/28/2011 13:43	Anita M Dale	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 18:21	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 18:21	Elizabeth J Marin	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	110830027A	03/29/2011 21:08	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	110830027A	03/25/2011 09:55	Denise L Trimby	1

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Analysis Report

Sample Description: MW-7-W-110323 Grab Water
Facility# 96991 Job# 385296 MTI# 61H-1633 GRD
2920 Castro Valley-Castro T0600100324 MW-7

LLI Sample # WW 6238093
LLI Group # 1238748
Account # 12099

Project Name: 96991

Collected: 03/23/2011 10:10

Submitted: 03/24/2011 09:45
Reported: 03/31/2011 15:46

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

CVC07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	
10943	Benzene	71-43-2	N.D.	0.5	1
10943	Ethylbenzene	100-41-4	N.D.	0.5	1
10943	Methyl Tertiary Butyl Ether	1634-04-4	0.6	0.5	1
10943	Toluene	108-88-3	N.D.	0.5	1
10943	Xylene (Total)	1330-20-7	N.D.	0.5	1
GC Volatiles	**SW-846 8015B**		ug/l	ug/l	
01728	TPH-GRO N. CA water C6-C12	n.a.	76	50	1
GC Extractable TPH	**SW-846 8015B**		ug/l	ug/l	
06609	TPH-DRO CA C10-C28	n.a.	360	50	1

General Sample Comments

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

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10943	BTEX/MTBE 8260 Water	SW-846 8260B	1	P110872AA	03/28/2011 11:30	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	P110872AA	03/28/2011 11:30	Nicholas R Rossi	1
01728	TPH-GRO N. CA water C6-C12	SW-846 8015B	1	11087C20A	03/29/2011 18:43	Elizabeth J Marin	1
01146	GC VOA Water Prep	SW-846 5030B	1	11087C20A	03/29/2011 18:43	Elizabeth J Marin	1
06609	TPH-DRO CA C10-C28	SW-846 8015B	1	110830027A	03/29/2011 21:26	Melissa McDermott	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	110830027A	03/25/2011 09:55	Denise L Trimby	1

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Analysis Report

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 03/31/11 at 03:46 PM

Group Number: 1238748

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: F110872AA	Sample number(s): 6238090-6238092							
Benzene	N.D.	0.5	ug/l	97	97	79-120	0	30
Ethylbenzene	N.D.	0.5	ug/l	94	92	79-120	2	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	96	97	76-120	1	30
Toluene	N.D.	0.5	ug/l	92	91	79-120	1	30
Xylene (Total)	N.D.	0.5	ug/l	95	93	80-120	2	30
Batch number: P110872AA	Sample number(s): 6238093							
Benzene	N.D.	0.5	ug/l	103	106	79-120	3	30
Ethylbenzene	N.D.	0.5	ug/l	97	100	79-120	3	30
Methyl Tertiary Butyl Ether	N.D.	0.5	ug/l	103	109	76-120	6	30
Toluene	N.D.	0.5	ug/l	100	103	79-120	3	30
Xylene (Total)	N.D.	0.5	ug/l	96	99	80-120	4	30
Batch number: 11087C20A	Sample number(s): 6238090-6238093							
TPH-GRO N. CA water C6-C12	N.D.	50.	ug/l	118	127	75-135	7	30
Batch number: 110830027A	Sample number(s): 6238090-6238093							
TPH-DRO CA C10-C28	N.D.	32.	ug/l	99	104	56-122	5	20

Surrogate Quality Control

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

Analysis Name: UST VOCs by 8260B - Water
Batch number: F110872AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6238090	99	100	97	91
6238091	99	100	98	91
6238092	100	100	98	90
Blank	101	101	97	93
LCS	99	98	97	101
LCSD	98	99	97	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: UST VOCs by 8260B - Water
Batch number: P110872AA

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

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

Quality Control Summary

Client Name: Chevron c/o CRA
Reported: 03/31/11 at 03:46 PM

Group Number: 1238748

Surrogate Quality Control

6238093	99	99	100	95
Blank	98	100	99	94
LCS	97	100	99	95
LCSD	98	102	100	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO N. CA water C6-C12
Batch number: 11087C20A

	Trifluorotoluene-F
6238090	75
6238091	75
6238092	76
6238093	76
Blank	75
LCS	116
LCSD	125
Limits:	63-135

Analysis Name: TPH-DRO CA C10-C28
Batch number: 110830027A

	Orthoterphenyl
6238090	109
6238091	115
6238092	111
6238093	109
Blank	105
LCS	108
LCSD	110
Limits:	59-131

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

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

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

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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

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

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

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