



**CONESTOGA-ROVERS  
& ASSOCIATES**

**RECEIVED**

1:26 pm, Nov 24, 2008

Alameda County  
Environmental Health

5900 Hollis Street, Suite A, Emeryville, California 94608  
Telephone: 510-420-0700 Facsimile: 510-420-9170  
www.CRAworld.com

November 18, 2008

Reference No. 311642

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

Re: Third Quarter 2008 Groundwater Monitoring Report  
Former Chevron Service Station 9-1153  
3126 Fernside Boulevard  
Alameda, California  
Fuel Leak Case No. RO0000341

Dear Mr. Plunkett:

Conestoga-Rovers & Associates is submitting the attached *Groundwater Monitoring and Sampling Report* for the site referenced above on behalf of Chevron Environmental Management Company (Chevron). The report prepared by Gettler-Ryan Inc. (G-R) and dated October 29, 2008, presents the results of the Third Quarter 2008 sampling and monitoring event. Also attached are Figure 1 (Vicinity Map) and Figure 2 (Concentration Map) presenting the third quarter 2008 analytical results and groundwater flow direction data. A perjury letter from Chevron and Professional Geologist stamp are included within the G-R report.

Please contact Charlotte Evans at (510) 420-3351 if you have any questions or require additional information.

Sincerely,

CONESTOGA-ROVERS & ASSOCIATES

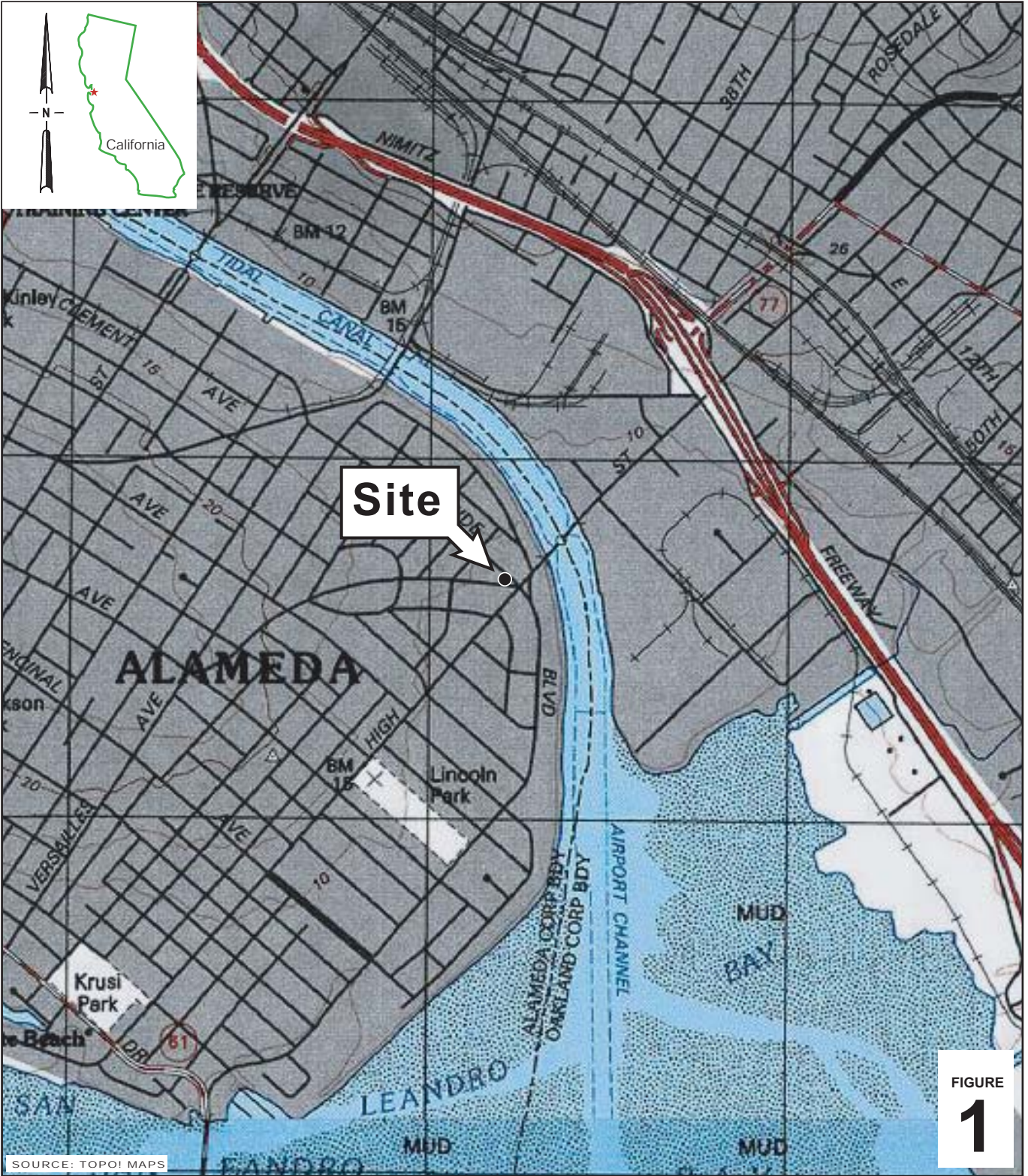
Charlotte Evans

CE/doh/1  
Enc.

cc: Mr. Aaron Costa, Chevron Environmental Management Company

Equal  
Employment  
Opportunity Employer

## FIGURES



L:\CHEV\311642\311642-FIGURES\311642\_EM001\_VICINITY-MAP.A1

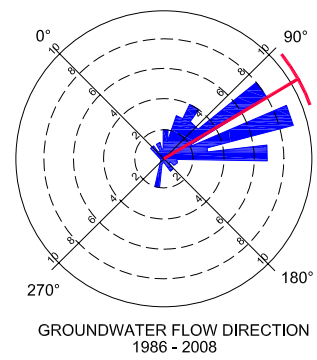
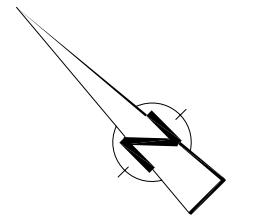
FIGURE  
**1**

**Former Chevron Station 9-1153**  
 3135 Gibbons Drive (3126 Fernside Blvd)  
 Alameda, California



**CONESTOGA-ROVERS  
& ASSOCIATES**

**Vicinity Map**



3Q08 Groundwater Flow Direction varies at a gradient of 0.02 to 0.03 ft./ft. per Gettler-Ryan

**EXPLANATION**

- MW-1 ● Monitoring well location
- RW-1 ● Extraction well location
- C-2 ⊗ Abandoned well location
- Well ID** Well Designation
- TPHg  
BENZ  
MTBE Hydrocarbon concentrations in groundwater, in micrograms per liter (µg/L)
- SA Sampled Annually

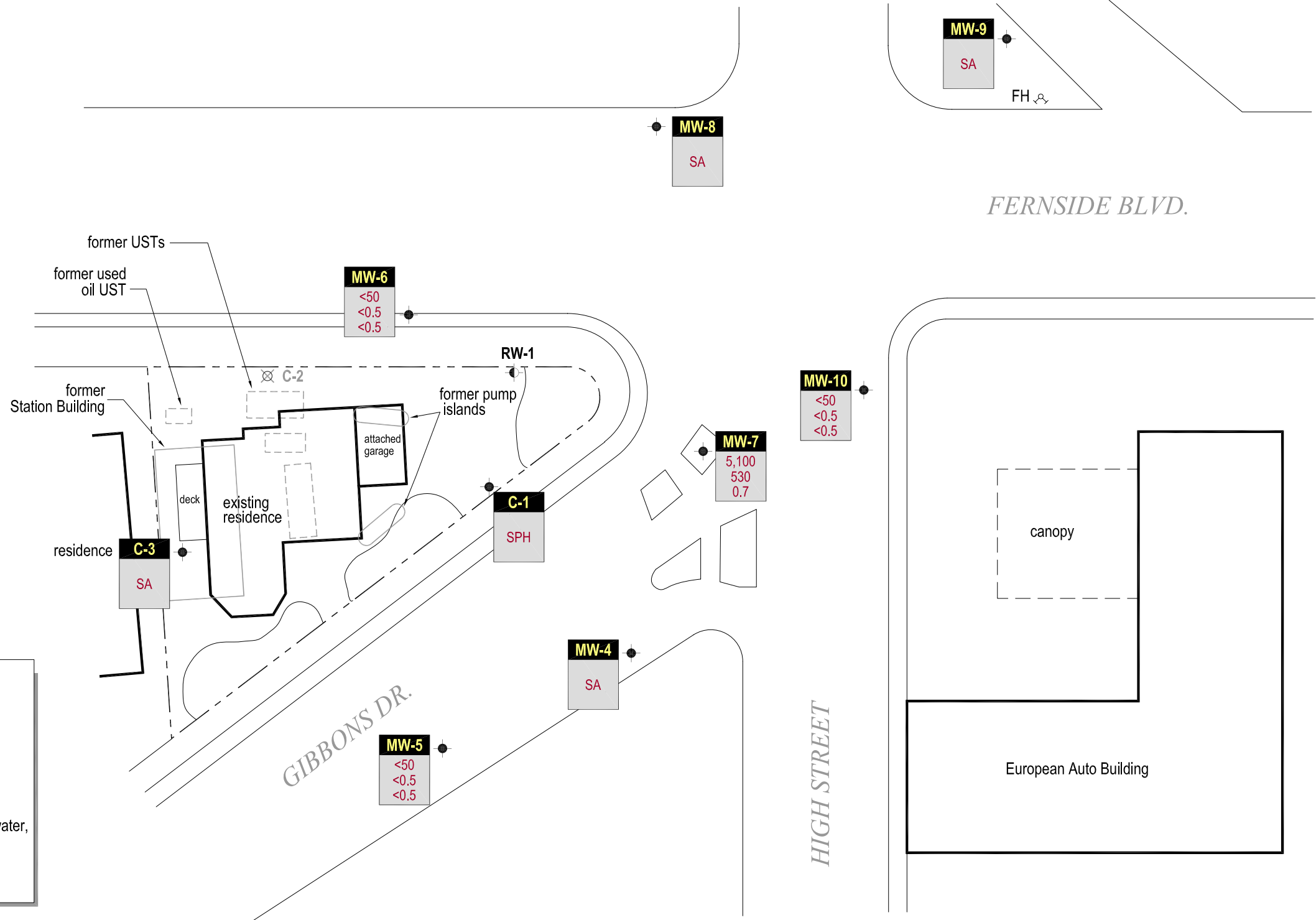


Figure 2  
 HYDROCARBON CONCENTRATIONS IN GROUNDWATER  
 FORMER CHEVRON SERVICE STATION 9-1153  
 3135 GIBBONS DRIVE (3126 FERNSIDE BLVD)  
 Alameda, California  
 September 11, 2008



G-R Third Quarter, 2008 Quarterly Monitoring Report  
October 29, 2008



## TRANSMITTAL

October 29, 2008

G-R #386423

TO: Ms. Charlotte Evans  
Conestoga-Rovers & Associates  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

CC: Mr. Aaron Costa  
Chevron Environmental  
Management Company  
6111 Bollinger Canyon Road,  
Room 6330  
San Ramon, California 94583  
**(VIA PDF)**

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

RE: **Former Chevron Service Station  
#9-1153  
3135 Gibbons Drive  
(Former Address: 3126 Fernside Blvd.)  
Alameda, California**

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DATED	DESCRIPTION
1	October 17, 2008	Groundwater Monitoring and Sampling Report <b>Third Quarter Event of September 11, 2008 and Monthly Site Visits</b>

### COMMENTS:

Pursuant to your request, we are providing you with a copy of the above referenced report for **your use and distribution to the following (via PDF):**

Mr. Steven Plunkett, Alameda County Health Care Services, Dept. of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA 94502-6577 **(Distributed by CRA via PDF)**

Please provide any comments/changes and propose any groundwater monitoring modifications for the next event prior to **November 11, 2008**, at which time this final report will be distributed to the following:

cc: Mr. Mark Hom, 3135 Gibbons Drive, Alameda, CA 94501

### Enclosures

trans/9-1153-AC 6747 Sierra Court, Suite J • Dublin, CA 94568 • (925) 551-7555 • Fax (925) 551-7888  
3140 Gold Camp Drive, Suite 170 • Rancho Cordova, CA 95670 • (916) 631-1300 • Fax (916) 631-1317  
1364 N. McDowell Blvd., Suite B2 • Petaluma, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



**Aaron Costa**  
Project Manager  
Marketing Business Unit

**Chevron Environmental  
Management Company**  
6111 Bollinger Canyon Road  
San Ramon, CA 94583  
Tel (925) 543-2961  
Fax (925) 543-2324  
acosta@chevron.com

October 29, 2008

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

Re: Chevron Service Station No. 9-1153  
Address 3135 Gibbons Dr.

I have reviewed the attached routine groundwater monitoring report dated  
October 29, 2008.

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Aaron Costa". The signature is written in a cursive, flowing style.

Aaron Costa  
Project Manager

Attachment: Report

## WELL CONDITION STATUS SHEET

Client/Facility #: Chevron #9-1153  
 Site Address: 3135 Gibbons Dr.  
 City: Alameda, CA

Job # 386423  
 Event Date: 9-11-08  
 Sampler: Joe

WELL ID	Vault Frame Condition	Gasket/O-Ring (M)missing	BOLTS (M) Missing (R) Replaced	Bolt Flanges B= Broken S= Stripped R=Retap	APRON Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Yes / No
C-1	o.k	o.k	N/A	N/A	O.K	O.k	O.K	N	N	Christy box	no
MW-5	↓	o.k	O.K	Both S	↓	TOC too close to grout seal				12" Universal / 2	↓
MW-6	↓	o.k	O.K	O.K	↓	O.K	O.K	↓	↓	8" Boert. Longg. / 3	↓
MW-7	↓	O-ring (m)	O.K	O.K	↓	O.K	O.K	↓	↓	8" Bainerd / 3	↓
MW-10	↓	O.K	N/A	N/A	↓	O.K	O.K	↓	↓	8" monument	↓

Comments MW-10 cover has been replaced by an 8" monument cover. Recent paving activity on High st. (City)





October 17, 2008  
G-R Job #386423

Mr. Aaron Costa  
Chevron Environmental Management Company  
6111 Bollinger Canyon Road, Room 3660  
San Ramon, CA 94583

**RE: Third Quarter Event of September 11, 2008  
and Monthly Site Visits**  
Groundwater Monitoring & Sampling Report  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(Former Address: 3126 Fernside Blvd.)  
Alameda, California

Dear Mr. Costa:

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

Static groundwater levels were measured and the wells were checked for the presence of separate-phase hydrocarbons. Static water level data, groundwater elevations, and separate-phase hydrocarbon thickness (if any) are presented in the attached Tables 1 and 2. A Potentiometric Map is included as Figure 1.

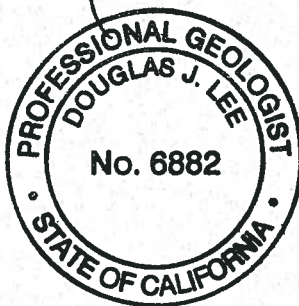
Groundwater samples were collected from the monitoring wells and submitted to a state certified laboratory for analyses. The field data sheets for this event are attached. Analytical results are presented in the table(s) listed below. The chain of custody document and laboratory analytical report are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

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

Sincerely,

Deanna L. Harding  
Project Coordinator

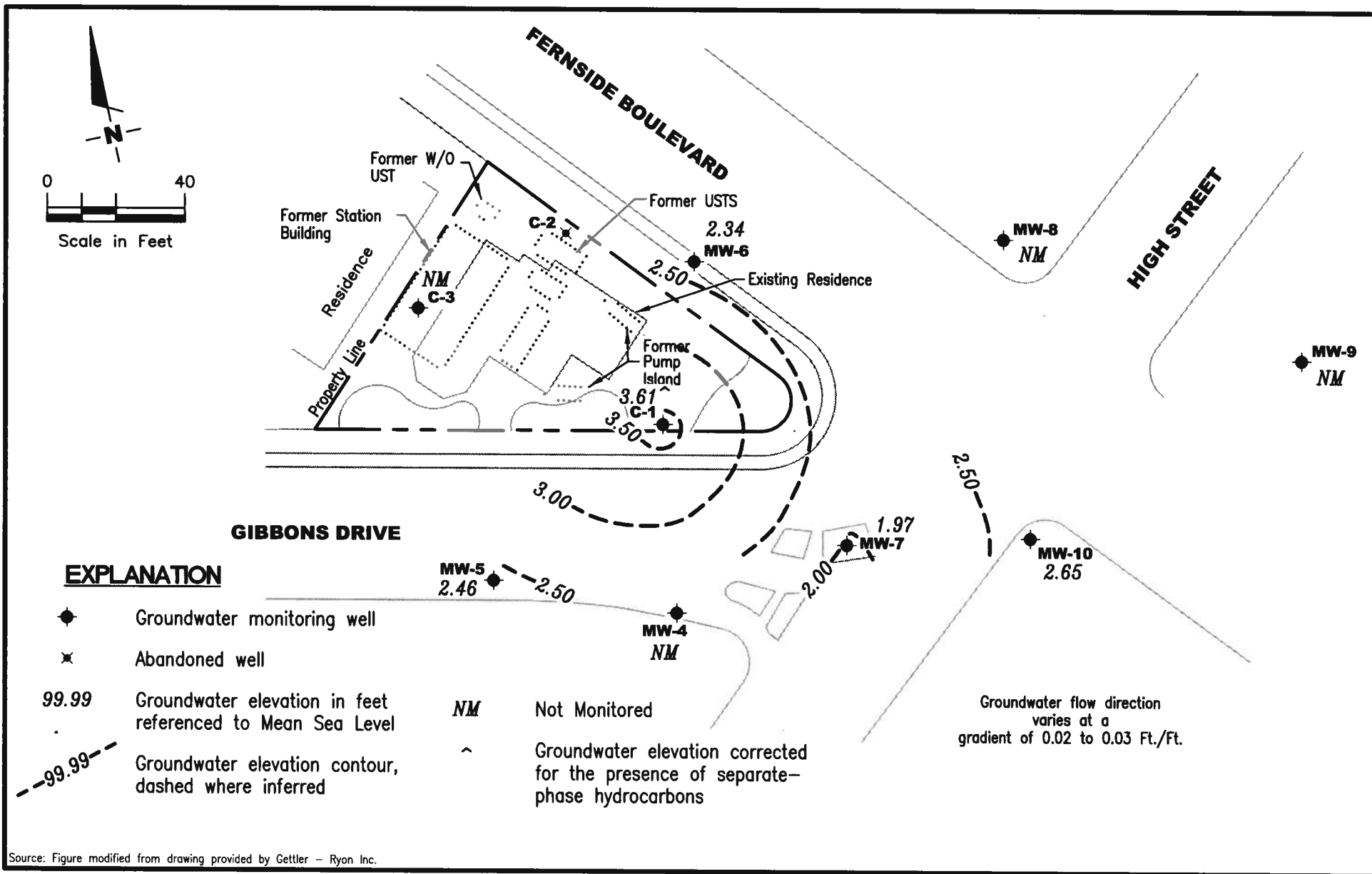
Douglas J. Lee  
Senior Geologist, P.G. No. 6882



- Figure 1: Potentiometric Map
- Table 1: Groundwater Monitoring Data and Analytical Results
- Table 2: Separate Phase Hydrocarbon Thickness/Removal Data
- Table 3: Dissolved Oxygen Concentrations
- Attachments: Standard Operating Procedure - Groundwater Sampling  
Field Data Sheets

Chain of Custody Document and Laboratory Analytical Reports  
6747 Sierra Court, Suite J • Dublin, CA 94568 • (925) 551-7555 • Fax (925) 551-7888

3140 Gold Camp Drive, Suite 170 • Rancho Cordova, CA 95670 • (916) 631-1300 • Fax (916) 631-1317  
1364 N. McDowell Blvd., Suite B2 • Petaluma, CA 94954 • (707) 789-3255 • Fax (707) 789-3218



Source: Figure modified from drawing provided by Gettler - Ryan Inc.

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

**POTENTIOMETRIC MAP**  
 Former Chevron Service Station #9-1153  
 3135 Gibbons Drive (3126 Fernside Blvd)  
 Alameda, California

FIGURE  
**1**

PROJECT NUMBER  
**386423**

REVIEWED BY

DATE  
 September 11, 2008

REVISED DATE

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ DATE	TOC+ (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
C-1										
08/18/86	--	4.10	--	--	--	--	--	--	--	--
09/04/86	--	--	--	--	15,000	760	820	1,500	--	--
07/22/87	--	--	--	--	1,100	250	7.0	40	--	--
05/03/89	--	4.46	--	--	6,900	3,800	190	229	--	--
12/04/89	--	4.16	--	--	17,000	8,000	490	470	--	--
02/14/90	--	3.64	--	--	19,000	12,000	990	1,050	--	--
03/07/90	--	3.36	--	--	--	4,260	261	430	--	--
09/06/91	--	4.43	--	--	21,000	10,000	100	240	560	--
12/15/91	--	4.78	--	--	20,000	4,900	43	110	330	--
03/03/92	--	2.39	--	--	13,000	5,800	730	340	1,200	--
06/04/92	4.08	4.08	0.00	--	34,000	9,400	350	290	1,200	--
10/13/92	4.08	4.75	-0.67	--	24,000	11,000	98	280	530	--
01/11/93	4.08	2.26	1.82	Sheen	7,100	1,500	130	150	700	--
04/14/93	4.08	2.90	1.18	Sheen	29,000	7,300	4,000	640	2,300	--
07/13/93	4.08	3.97	0.11	Sheen	650,000	27,000	18,000	6,300	29,000	--
10/19/93	4.08	4.50	-0.42	--	40,000	12,000	730	1,100	3,600	--
11/30/93	7.50	4.27	3.23	--	--	--	--	--	--	--
01/27/94	7.50	3.35	4.15	--	36,000	8,600	220	670	1,900	--
04/07/94	7.50	3.42	4.08	--	53,000	12,000	3,500	480	3,300	--
07/01/94	7.50	3.96	3.54	--	65,000	19,000	5,900	1,000	9,000	--
10/05/94	7.50	4.39	3.11	--	160,000	23,000	12,000	2,200	11,000	--
01/12/95	7.50	1.52	6.38	0.50	--	--	--	--	--	--
04/26/95	7.50	4.40	4.86	2.20	--	--	--	--	--	--
07/12/95	7.50	4.85	4.10	1.81	--	--	--	--	--	--
10/30/95	7.50	5.67	3.13	1.63	--	--	--	--	--	--
01/04/96	7.50	3.92	3.68	0.12	--	--	--	--	--	--
01/10/96	7.50	3.48	4.12	0.13	--	--	--	--	--	--
01/17/96	7.50	3.40	4.12	0.02	--	--	--	--	--	--
01/22/96	7.50	2.90	4.60	0.00	82,000	18,000	4,400	1,400	5,200	<1,000
02/23/96	7.50	4.10	4.89	1.86	--	--	--	--	--	--
02/28/96	7.50	--	--	>0.83	--	--	--	--	--	--
03/08/96	7.50	2.86	6.10	1.83	--	--	--	--	--	--
03/08/96	7.50	2.30	5.49	0.36	--	--	--	--	--	--
03/08/96	7.50	2.33	5.46	0.36	--	--	--	--	--	--
03/08/96	7.50	2.28	5.40	0.22	--	--	--	--	--	--
03/26/96	7.50	3.96	4.56	1.28	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ DATE	TOC+ (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-1 (cont)</b>										
04/11/96	7.50	5.61	3.29	1.75	--	--	--	--	--	--
04/19/96	7.50	3.09	4.44	0.04	--	--	--	--	--	--
04/24/96	7.50	3.04	4.48	0.03	--	--	--	--	--	--
05/03/96	7.50	4.02	3.85	0.46	--	--	--	--	--	--
05/03/96	7.50	3.89	3.99	0.47	--	--	--	--	--	--
05/08/96	7.50	4.25	3.53	0.35	--	--	--	--	--	--
05/17/96	7.50	3.24	4.29	0.04	--	--	--	--	--	--
05/17/96	7.50	3.35	4.16	0.01	--	--	--	--	--	--
05/17/96	7.50	3.43	4.08	0.01	--	--	--	--	--	--
05/17/96	7.50	3.65	3.86	0.01	--	--	--	--	--	--
05/22/96	7.50	3.10	4.46	0.07	--	--	--	--	--	--
06/18/96	7.50	4.68	3.20	0.48	--	--	--	--	--	--
07/03/96	7.50	5.03	2.57	0.13	--	--	--	--	--	--
07/09/96	7.50	4.63	3.05	0.23	--	--	--	--	--	--
07/17/96	7.50	4.73	2.89	0.15	--	--	--	--	--	--
07/29/96	7.50	5.10	2.47	0.09	--	--	--	--	--	--
08/02/96	7.50	5.68	1.84	0.03	--	--	--	--	--	--
08/07/96	7.50	5.16	2.35	0.01	--	--	--	--	--	--
08/23/96	7.50	5.75	1.77	0.03	--	--	--	--	--	--
08/28/96	7.50	5.53	1.99	0.03	--	--	--	--	--	--
09/06/96	7.50	5.38	2.12	--	--	--	--	--	--	--
09/12/96	7.50	5.48	2.04	0.03	--	--	--	--	--	--
09/19/96	7.50	6.32	1.20	0.03	--	--	--	--	--	--
10/10/96	7.50	4.58	3.00	0.10	--	--	--	--	--	--
10/17/96	7.50	5.61	1.90	0.01	--	--	--	--	--	--
10/29/96	7.50	6.01	1.49	--	--	--	--	--	--	--
11/07/96	7.50	5.56	1.94	0.04	--	--	--	--	--	--
11/11/96	7.50	5.32	2.18	0.04	--	--	--	--	--	--
12/20/96	7.50	3.33	4.17	0.03	--	--	--	--	--	--
12/17/96	7.50	3.73	3.77	0.01	--	--	--	--	--	--
01/15/97	7.50	2.74	4.76	--	47,000	16,000	2,800	1,300	4,900	<1,000
01/22/97	7.50	1.37	6.13	0.19	--	--	--	--	--	--
02/04/97	7.50	2.98	4.52	0.51	--	--	--	--	--	--
02/20/97	7.50	4.09	3.41	0.13	--	--	--	--	--	--
03/06/97	7.50	3.75	3.75	0.56	--	--	--	--	--	--
03/14/97	7.50	3.82	3.68	0.03	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-1 (cont)</b>										
03/20/97	7.50	3.73	3.77	0.03	--	--	--	--	--	--
03/25/97	7.50	4.32	3.18	0.01	--	--	--	--	--	--
03/31/97	7.50	3.71	3.79	0.03	--	--	--	--	--	--
04/03/97	7.50	4.60	2.92	0.03	--	--	--	--	--	--
04/09/97	7.50	4.25	3.27	0.02	--	--	--	--	--	--
04/24/97	7.50	4.65	2.87	0.02	--	--	--	--	--	--
04/30/97	7.50	3.50	4.02	0.02	--	--	--	--	--	--
05/22/97	7.50	4.97	2.53	--	--	--	--	--	--	--
06/03/97	7.50	3.62	3.93	0.06	--	--	--	--	--	--
07/09/97	7.50	4.30	3.25	0.06	--	--	--	--	--	--
08/12/97	7.50	5.18	2.32	0.00	--	--	--	--	--	--
09/30/97	7.50	5.25	2.65	0.50	--	--	--	--	--	--
10/29/97	7.50	5.33	2.19	0.03	--	--	--	--	--	--
11/13/97	7.50	4.86	2.66	0.02	--	--	--	--	--	--
12/18/97	7.50	2.34	5.16	--	--	--	--	--	--	--
01/14/98	7.50	0.25	7.27	0.02	--	--	--	--	--	--
02/02/98	7.50	2.35	5.19	0.05	--	--	--	--	--	--
03/16/98	7.50	2.50	5.40	0.50	--	--	--	--	--	--
04/17/98	7.50	2.65	5.17	0.40	--	--	--	--	--	--
05/01/98	7.50	2.39	5.14	0.04	--	--	--	--	--	--
06/17/98	7.50	3.26	4.30	0.08	--	--	--	--	--	--
07/15/98	7.50	3.55	3.95	--	110,000	22,000	22,000	1,000	10,000	<250
09/01/98	7.50	4.00	3.50	--	--	--	--	--	--	--
10/27/98	7.50	4.48	3.02	--	45,000	12,000	5,400	590	4,300	<500
11/19/98	7.50	3.89	3.61	--	--	--	--	--	--	--
12/19/98	7.50	2.13	5.39	0.02	--	--	--	--	--	--
01/20/99	7.50	3.98	3.52	--	50,300	7,050	5,030	244	6,090	<40
02/24/99	7.50	2.55	4.95	--	--	--	--	--	--	--
03/26/99	7.50	2.14	5.97	0.76	--	--	--	--	--	--
04/19/99	7.50	1.04	6.46	--	150,000	21,000	20,000	3,000	18,000	<2.5/49 <sup>2</sup>
07/29/99	7.50	3.76	3.76	0.02	--	--	--	--	--	--
08/30/99	7.50	4.30	3.20	--	--	--	--	--	--	--
09/23/99	7.50	3.84	3.68	0.02	--	--	--	--	--	--
10/13/99	7.50	1.27	6.23	--	136,000	23,900	30,000	2,390	17,300	<500
11/17/99	7.50	3.59	3.91	--	--	--	--	--	--	--
12/08/99	7.50	3.79	3.71	--	--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
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Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-1 (cont)</b>										
01/25/00	7.50	1.99	5.54	0.04	--	--	--	--	--	--
04/03/00	7.50	2.20	5.38**	0.10	--	--	--	--	--	--
05/26/00	7.50	2.52	5.16**	0.23	--	--	--	--	--	--
06/19/00	7.50	2.89	4.76**	0.19	--	--	--	--	--	--
07/03/00	7.50	3.45	4.25**	0.25	--	--	--	--	--	--
08/01/00	7.50	3.78	3.85**	0.16	--	--	--	--	--	--
09/30/00	7.50	4.03	3.50**	0.04	--	--	--	--	--	--
10/23/00	7.50	4.15	3.37**	0.03	--	--	--	--	--	--
11/21/00	7.50	3.42	4.08	0.00	--	--	--	--	--	--
12/22/00	7.50	2.96	4.54	0.00	--	--	--	--	--	--
01/08/01	7.50	2.94	4.56	0.00	--	--	--	--	--	--
02/17/01	7.50	2.09	5.88**	0.59	--	--	--	--	--	--
03/13/01	7.50	2.20	5.91**	0.76	--	--	--	--	--	--
04/09/01	7.50	2.45	5.26**	0.26	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
05/18/01	7.50	2.70	5.27**	0.59	--	--	--	--	--	--
06/12/01	7.50	3.50	4.78**	0.97	--	--	--	--	--	--
07/19/01	7.50	4.25	4.01**	0.95	--	--	--	--	--	--
08/23/01	7.50	4.34	3.22**	0.07	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
09/17/01	7.50	4.39	3.17**	0.08	--	--	--	--	--	--
10/08/01	7.50	4.45	3.08**	0.04	--	--	--	--	--	--
11/27/01	7.50	3.89	3.61	0.00	330,000	9,800	5,300	3,800	22,000	<50
12/17/01	7.50	1.81	5.69	0.00	--	--	--	--	--	--
01/07/02	7.50	2.27	5.64**	0.51	--	--	--	--	--	--
02/26/02	7.50	2.70	5.22**	0.52	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
03/27/02	7.50	2.87	5.47**	1.05	--	--	--	--	--	--
04/08/02	7.50	2.45	6.03**	1.23	--	--	--	--	--	--
05/23/02	7.50	3.57	4.35**	0.52	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
06/17/02	7.50	3.90	3.88**	0.35	--	--	--	--	--	--
07/31/02	7.50	4.12	3.54**	0.20	--	--	--	--	--	--
08/09/02	7.50	4.15	3.48**	0.16	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--
09/17/02	7.50	4.33	3.27**	0.12	--	--	--	--	--	--
10/15/02	7.50	4.51	3.11**	0.15	--	--	--	--	--	--
11/08/02	7.50	4.11	3.39	0.00	51,000	7,000	510	820	5,800	<3.0
12/19/02	7.50	1.14	6.36	0.00	--	--	--	--	--	--
01/14/03	7.50	1.80	5.70	0.00	--	--	--	--	--	--
02/07/03	7.50	2.95	4.79**	0.30	NOT SAMPLED DUE TO THE PRESENCE OF SPH				--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-1 (cont)</b>										
03/20/03	7.50	2.86	4.97**	0.41	--	--	--	--	--	--
04/15/03	7.50	2.12	5.46**	0.10	--	--	--	--	--	--
05/09/03	7.50	2.95	5.11**	0.70	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
06/27/03	7.50	3.97	3.93**	0.50	--	--	--	--	--	--
07/16/03	7.50	3.68	4.04**	0.28	--	--	--	--	--	--
08/15/03	7.50	4.29	3.39**	0.22	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
09/26/03	7.50	4.60	3.05**	0.19	--	--	--	--	--	--
10/18/03	7.50	4.72	2.90**	0.15	--	--	--	--	--	--
11/14/03	7.50	4.31	3.35**	0.20	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
12/23/03	7.50	1.81	5.69	0.00	--	--	--	--	--	--
01/22/04	7.50	4.19	3.32**	0.01	--	--	--	--	--	--
02/13/04	7.50	3.04	4.49**	0.04	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
03/11/04	7.50	1.85	5.97**	0.40	--	--	--	--	--	--
04/22/04	7.50	3.08	4.60**	0.22	--	--	--	--	--	--
05/14/04	7.50	3.49	4.03**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
06/18/04	7.50	3.41	4.19**	0.13	--	--	--	--	--	--
07/23/04	7.50	3.28	4.31**	0.11	--	--	--	--	--	--
08/13/04	7.50	3.14	4.40**	0.05	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
09/13/04	7.50	4.53	3.04**	0.09	--	--	--	--	--	--
10/22/04	7.50	3.19	4.33**	0.03	--	--	--	--	--	--
11/12/04	7.50	3.22	4.30**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
12/02/04	7.50	3.28	4.24**	0.02	--	--	--	--	--	--
01/28/05	7.50	3.19	4.32**	0.01	--	--	--	--	--	--
02/11/05	7.50	2.75	4.78**	0.04	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
03/11/05	7.50	2.94	4.58**	0.03	--	--	--	--	--	--
04/26/05	7.50	3.03	4.49**	0.02	--	--	--	--	--	--
05/13/05	7.50	3.18	4.34**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
06/01/05	7.50	3.22	4.30**	0.02	--	--	--	--	--	--
07/15/05	7.50	3.09	4.43**	0.02	--	--	--	--	--	--
08/19/05	7.50	2.88	4.64**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
09/23/05	7.50	2.95	4.57**	0.02	--	--	--	--	--	--
10/14/05	7.50	3.01	4.50**	0.01	--	--	--	--	--	--
11/18/05	7.50	3.21	4.31**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
12/09/05	7.50	3.61	3.90**	0.01	--	--	--	--	--	--
01/12/06	7.50	2.98	4.53**	0.01	--	--	--	--	--	--
02/10/06 <sup>15</sup>	7.50	2.69	4.82**	0.01	100,000	11,000	2,500	2,900	15,000	<10

**Table 1**  
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Former Chevron Service Station #9-1153  
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Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-1 (cont)</b>										
03/13/06	7.50	2.81	4.70**	0.01	--	--	--	--	--	--
04/13/06	7.50	2.75	4.76**	0.01	--	--	--	--	--	--
05/12/06	7.50	3.02	4.49**	0.01	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
06/12/06	7.50	3.10	4.41**	0.01	--	--	--	--	--	--
07/13/06	7.50	3.14	4.38**	0.02	--	--	--	--	--	--
08/11/06 <sup>15</sup>	7.50	3.70	3.81**	0.01	200,000	8,600	470	1,700	8,800	<10
09/11/06	7.50	3.75	3.77**	0.02	--	--	--	--	--	--
10/17/06	7.50	3.82	3.69**	0.01	--	--	--	--	--	--
11/17/06	7.50	3.11	4.41**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
12/15/06	7.50	2.95	4.57**	0.02	--	--	--	--	--	--
01/16/07	7.50	2.98	4.54**	0.02	--	--	--	--	--	--
02/16/07 <sup>15</sup>	7.50	2.77	4.73	0.00	25,000	4,300	260	310	3,300	<5
03/16/07	7.50	3.07	4.44**	0.01	--	--	--	--	--	--
04/17/07	7.50	2.98	4.53**	0.01	--	--	--	--	--	--
05/17/07 <sup>15</sup>	7.50	3.05	4.46**	0.01	110,000 <sup>16</sup>	12,000 <sup>16</sup>	1,000 <sup>16</sup>	2,000 <sup>16</sup>	15,000 <sup>16</sup>	<5
06/15/07	7.50	3.08	4.43**	0.01	--	--	--	--	--	--
07/17/07	7.50	3.13	4.38**	0.01	--	--	--	--	--	--
08/09/07	7.50	3.24	4.28**	0.02	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
09/14/07	7.50	3.16	4.35**	0.01	--	--	--	--	--	--
10/16/07	7.50	3.04	4.47**	0.01	--	--	--	--	--	--
11/08/07 <sup>15</sup>	7.50	3.11	4.40**	0.01	150,000	13,000	570	1,800	10,000	<13
12/07/07	7.50	2.98	4.54**	0.03	--	--	--	--	--	--
01/16/08	7.50	2.95	4.57**	0.02	--	--	--	--	--	--
02/06/08 <sup>15</sup>	7.50	2.61	4.90**	0.01	110,000	13,000	500	5,300	21,000	<10
03/07/08	7.50	2.87	4.65**	0.02	--	--	--	--	--	--
04/16/08	7.50	3.06	4.46**	0.02	--	--	--	--	--	--
05/07/08	7.50	2.98	4.54**	0.03	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
06/06/08	7.50	3.02	4.50**	0.02	--	--	--	--	--	--
07/16/08	7.50	3.12	4.40**	0.02	--	--	--	--	--	--
09/11/08	7.50	4.22	3.61**	0.41	NOT SAMPLED DUE TO THE PRESENCE OF SPH					--
<b>C-3</b>										
08/18/86	--	4.00	--	--	--	--	--	--	--	--
09/04/86	--	--	--	--	50	3.2	5.4	5.8	--	--
07/22/87	--	--	--	--	<50	<0.5	<1.0	<4.0	--	--



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Former Chevron Service Station #9-1153  
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Alameda, California

WELL ID/ DATE	TOC+ (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-3 (cont)</b>										
05/03/89	--	4.15	--	--	<50	<0.5	<1.0	<2.0	--	--
12/04/89	--	4.24	--	--	<250	<0.5	<0.5	<0.5	--	--
02/14/90	--	3.57	--	--	<50	<0.5	<0.5	<0.5	--	--
03/07/90	--	3.31	--	--	--	<5.0	<5.0	<5.0	--	--
09/06/91	--	4.59	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/91	--	4.84	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/03/92	--	2.17	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	4.41	4.01	0.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/13/92	4.41	4.79	-0.38	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/93	4.41	2.01	2.40	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	4.41	2.76	1.65	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/13/93	4.41	3.96	0.45	--	<50	<0.5	<0.5	<0.5	<1.5	--
10/19/93	4.41	4.53	-0.12	--	66	12	1.4	1.0	8.4	--
11/30/93	7.83	4.04	3.79	--	--	--	--	--	--	--
01/27/94	7.83	3.17	4.66	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/94	7.83	3.20	4.63	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	7.83	3.99	3.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/94	7.83	4.54	3.29	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/12/95	7.83	0.80	7.03	--	<50	<0.5	<0.5	<0.5	<0.5	--
05/02/95	7.83	2.15	5.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/12/95	7.83	3.42	4.41	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/30/95	7.83	4.46	3.37	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/96	7.83	1.73	6.10	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/24/96	7.83	2.62	5.21	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/96	7.83	3.94	3.89	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	7.83	4.06	3.77	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/15/97	7.83	1.54	6.29	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	7.83	3.23	4.60	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/97	7.83	4.36	3.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	7.83	4.65	3.18	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/14/98	7.83	0.77	7.06	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/15/98	7.83	3.72	4.11	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/99	7.83	2.65	5.18	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	7.83	1.78	6.05	--	--	--	--	--	--	--
04/03/00	7.83	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
07/03/00	7.83	--	--	--	--	--	--	--	--	--

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3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>C-3 (cont)</b>										
10/23/00	7.83	--	--	--	--	--	--	--	--	--
01/08/01 <sup>11</sup>	7.83	3.71	4.12	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/09/01	7.83	--	--	--	--	--	--	--	--	--
08/23/01	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/27/01	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/26/02	7.83	2.38	5.45	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/23/02	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/09/02	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/08/02	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/07/03	7.83	2.73	5.10	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/15/03	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/14/03	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/13/04 <sup>15</sup>	7.83	2.81	5.02	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/12/04	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/11/05 <sup>15</sup>	7.83	2.58	5.25	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/19/05	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/18/05	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/10/06 <sup>15</sup>	7.83	2.52	5.31	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/11/06	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/17/06	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/16/07 <sup>15</sup>	7.83	2.63	5.20	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
08/09/07	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
11/08/07	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
02/06/08 <sup>15</sup>	7.83	2.91	4.92	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08	7.83	MONITORED/SAMPLED ANNUALLY				--	--	--	--	--
<b>09/11/08</b>	<b>7.83</b>	<b>MONITORED/SAMPLED ANNUALLY</b>				--	--	--	--	--

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Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
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Alameda, California

WELL ID/ DATE	TOC+ ( <i>ft.</i> )	DTW ( <i>ft.</i> )	GWE ( <i>msl</i> )	SPHT ( <i>ft.</i> )	TPH-G ( <i>µg/L</i> )	B ( <i>µg/L</i> )	T ( <i>µg/L</i> )	E ( <i>µg/L</i> )	X ( <i>µg/L</i> )	MTBE ( <i>µg/L</i> )
<b>MW-4</b>										
06/04/92	3.58	3.63	-0.05	--	<50	0.8	<0.5	<0.5	<0.5	--
10/13/92	3.58	--	--	--	--	--	--	--	--	--
01/11/93	3.58	1.89	1.69	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	3.58	2.20	1.38	--	<50	<0.5	<0.5	<0.5	<1.5	--
07/13/93	3.58	3.51	0.07	--	54	2.6	1.6	<0.5	<1.5	--
10/19/93	3.58	4.22	-0.64	--	<50	<0.5	<0.5	<0.5	<0.5	--
11/30/93	7.01	4.01	3.00	--	--	--	--	--	--	--
01/27/94	7.01	2.89	4.12	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/94	7.01	3.06	3.95	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	7.01	3.59	3.42	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/94	7.01	4.33	2.68	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/12/95	7.01	1.20	5.81	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/26/95	7.01	1.15	5.86	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/12/95	7.01	2.72	4.29	--	<50	6.4	<0.5	0.63	0.72	--
10/30/95	7.01	4.08	2.93	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/22/96	7.01	1.76	5.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/24/96	7.01	1.95	5.06	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/96	7.01	3.37	3.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	7.01	3.96	3.05	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/15/97	7.01	1.27	5.74	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	7.01	2.11	4.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/97	7.01	4.04	2.97	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	7.01	4.56	2.45	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/14/98	7.01	0.39	6.62	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/99	7.01	2.83	4.18	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/19/99	7.01	2.91	4.10	--	--	--	--	--	--	--
01/25/00	7.01	1.92	5.09	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/00	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
07/03/00	7.01	--	--	--	--	--	--	--	--	--
10/23/00	7.01	--	--	--	--	--	--	--	--	--
01/08/01 <sup>11</sup>	7.01	3.02	3.99	0.00	87 <sup>12</sup>	<0.50	<0.50	0.55	2.9	<2.5
04/09/01	7.01	--	--	--	--	--	--	--	--	--
08/23/01	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/27/01	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/26/02	7.01	1.37	5.64	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/23/02	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ DATE	TOC+ (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-4 (cont)</b>										
08/09/02	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/08/02	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/07/03	7.01	1.72	5.29	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/15/03	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/14/03	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/13/04 <sup>15</sup>	7.01	1.82	5.19	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/12/04	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/11/05 <sup>15</sup>	7.01	1.46	5.55	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/19/05	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/18/05	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/10/06 <sup>15</sup>	7.01	1.35	5.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/11/06	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/17/06	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/16/07 <sup>15</sup>	7.01	1.48	5.53	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/09/07	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/08/07	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/06/08 <sup>15</sup>	7.01	1.27	5.74	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
09/11/08	7.01	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
<b>MW-5</b>										
06/04/92	3.61	3.25	0.36	--	560	110	0.5	37	2.2	--
10/13/92	3.61	4.20	-0.59	--	1,200	150	<2.5	84	8.6	--
01/11/93	3.61	1.30	2.31	--	1,300	48	1.0	83	33	--
04/14/93	3.61	1.20	2.41	--	2,600	240	6.1	250	170	--
07/13/93	3.61	3.15	0.46	--	1,700	260	7.8	160	100	--
10/19/93	3.61	3.82	-0.21	--	1,900	190	3.3	200	93	--
11/30/93	7.04	3.56	3.48	--	--	--	--	--	--	--
01/27/94	7.04	2.42	4.62	--	4,000	100	12	210	110	--
04/07/94	7.04	2.33	4.71	--	2,600	170	10	150	88	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
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Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
MW-5 (cont)											
07/01/94	7.04	3.18	3.86	--	2,300	350	9.1	110	76	--	
10/05/94	7.04	3.98	3.06	--	11,000	840	150	130	340	--	
01/12/95	7.04	0.40	6.64	--	2,300	82	<2.5	54	20	--	
04/26/95	7.04	0.50	6.54	--	1,600	52	<5.0	36	61	--	
07/12/95	7.04	2.41	4.63	--	2,800	150	<5.0	34	38	--	
10/30/95	7.04	3.78	3.26	--	1,100	81	<5.0	<5.0	<5.0	35	
01/22/96	7.04	0.78	6.26	--	880	7.3	<2.0	15	4.8	<10	
04/24/96	7.04	1.65	5.39	--	1,600	51	3.8	14	5.6	56	
07/29/96	7.04	INACCESSIBLE		--	--	--	--	--	--	--	
10/10/96	7.04	3.60	3.44	--	1,000	18	<1.2	1.5	<1.2	<6.2	
01/15/97	7.04	0.45	6.59	--	520	0.84	<0.5	3.1	1.2	8.4	
04/03/97	7.04	2.11	4.93	--	1,400	13	<2.0	4.3	8.4	32	
07/09/97	7.04	3.71	3.33	--	810	3.6	0.97	<0.5	<0.5	9.7	
10/29/97	7.04	4.20	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/14/98	7.04	0.00	7.04	--	430	5.8	2.4	<0.5	1.6	17	
04/17/98	7.04	0.71	6.33	--	SAMPLED SEMI-ANNUALLY						--
07/15/98	7.04	0.00	7.04	--	990	11	3.9	0.56	2.2	61	
10/27/98	7.04	4.23	2.81	--	--	--	--	--	--	--	
01/20/99	7.04	2.58	4.46	--	168	<0.5	<0.5	<0.5	0.692	<2.0	
04/19/99	7.04	2.07	4.97	--	--	--	--	--	--	--	
07/29/99	7.04	3.43	3.61	--	246	1.54	<0.5	<0.5	<0.5	<5.0/<2.0 <sup>2</sup>	
10/13/99	7.04	INACCESSIBLE		--	--	--	--	--	--	--	
01/25/00	7.04	1.51	5.53	--	169	1.94	<0.5	<0.5	<0.5	201	
04/03/00	7.04	1.20	5.84	0.00	--	--	--	--	--	--	
07/03/00	7.04	2.98	4.06	0.00	320 <sup>6,10</sup>	5.3	1.1	<0.50	<0.50	5.0	
10/23/00	7.04	4.18	2.86	0.00	--	--	--	--	--	--	
01/08/01 <sup>11</sup>	7.04	2.92	4.12	0.00	220 <sup>6</sup>	3.9	<0.50	<0.50	<0.50	7.7	
04/09/01	7.04	1.01	6.03	0.00	--	--	--	--	--	--	
08/23/01	7.04	3.48	3.56	0.00	630	40	3.5	<2.5	<2.5	43	
11/27/01	7.04	3.05	3.99	0.00	SAMPLED SEMI-ANNUALLY						--
02/26/02	7.04	1.00	6.04	0.00	410	4.3	<0.50	<0.50	<1.5	<2.5	
05/23/02	7.04	2.21	4.83	0.00	SAMPLED SEMI-ANNUALLY						--
08/09/02	7.04	3.38	3.66	0.00	240	1.3	<0.50	<0.50	<1.5	<2.5	
11/08/02	7.04	4.56	2.48	0.00	SAMPLED SEMI-ANNUALLY						--
02/07/03	7.04	1.42	5.62	0.00	380	3.2	<0.50	0.64	<1.5	<2.5	
05/09/03	7.04	1.25	5.79	0.00	SAMPLED SEMI-ANNUALLY						--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
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Alameda, California

WELL ID/ DATE	TOC* ( <i>ft.</i> )	DTW ( <i>ft.</i> )	GWE ( <i>msl</i> )	SPHT ( <i>ft.</i> )	TPH-G ( <i>µg/L</i> )	B ( <i>µg/L</i> )	T ( <i>µg/L</i> )	E ( <i>µg/L</i> )	X ( <i>µg/L</i> )	MTBE ( <i>µg/L</i> )
<b>MW-5 (cont)</b>										
08/15/03 <sup>15</sup>	7.04	3.61	3.43	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/14/03	7.04	3.57	3.47	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
02/13/04 <sup>15</sup>	7.04	1.50	5.54	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.04	2.47	4.57	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
08/13/04 <sup>15</sup>	7.04	5.46	1.58	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/12/04	7.04	4.65	2.39	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
02/11/05 <sup>15</sup>	7.04	1.20	5.84	0.00	130	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.04	4.36	2.68	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
08/19/05 <sup>15</sup>	7.04	2.78	4.26	0.00	96	<0.5	<0.5	<0.5	<0.5	<0.5
11/18/05	7.04	4.51	2.53	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
02/10/06 <sup>15</sup>	7.04	1.12	5.92	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.04	2.23	4.81	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
08/11/06 <sup>15</sup>	7.04	3.40	3.64	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/06	7.04	4.16	2.88	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
02/16/07 <sup>15</sup>	7.04	1.22	5.82	0.00	<50	<0.5	<0.7	<0.8	<0.8	<0.5
05/17/07	7.04	4.06	2.98	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
08/09/07 <sup>15</sup>	7.04	3.61	3.43	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/07	7.04	3.70	3.34	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
02/06/08 <sup>15</sup>	7.04	1.06	5.98	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08	7.04	3.57	3.47	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--
09/11/08 <sup>15</sup>	7.04	4.58	2.46	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-6</b>										
06/04/92	3.85	3.89	-0.04	--	210	54	<0.5	1.9	2.4	--
10/13/92	3.85	4.56	-0.71	--	10,000	5,300	<10	70	<10	--
01/11/93	3.85	2.36	1.49	--	100	50	<0.5	<0.5	<0.5	--
04/14/93	3.85	3.15	0.70	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/13/93	3.85	3.94	-0.09	--	<50	1.8	<0.5	<0.5	<1.5	--
10/19/93	3.85	4.40	-0.55	--	320	150	<0.5	0.8	<0.5	--
11/30/93	7.27	4.16	3.11	--	--	--	--	--	--	--
01/27/94	7.27	3.33	3.94	--	120	45	<0.5	<0.5	<0.5	--
04/07/94	7.27	3.43	3.84	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	7.27	3.94	3.33	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/94	7.27	4.38	2.89	--	8,300	2,400	160	42	190	--
01/12/95 <sup>1</sup>	7.27	2.43	4.84	--	<50	12	<0.5	<0.5	<0.5	--

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WELL ID/ DATE	TOC <sup>+</sup> (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-6 (cont)</b>										
04/26/95	7.27	2.06	5.21	--	<50	5.5	0.67	<0.5	1.3	--
07/12/95	7.27	3.53	3.74	--	65	27	<0.5	<0.5	<0.5	--
10/30/95	7.27	4.34	2.93	--	<50	3.9	<0.5	<0.5	<0.5	<2.5
01/22/96	7.27	2.61	4.66	--	<50	0.93	<0.5	<0.5	<0.5	<2.5
04/24/96	7.27	2.50	4.77	--	260	110	<1.2	<1.2	<1.2	<6.2
07/29/96	7.27	3.85	3.42	--	<50	23	<0.5	<0.5	<0.5	<2.5
10/10/96	7.27	4.37	2.90	--	79	31	<0.5	<0.5	<0.5	<2.5
01/15/97	7.27	2.63	4.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	7.27	3.42	3.85	--	670	360	<5.0	<5.0	<5.0	<25
07/09/97	7.27	4.29	2.98	--	330	140	<2.0	<2.0	<2.0	<10
10/29/97	7.27	4.56	2.71	--	400	260	<2.0	<2.0	<2.0	5.8
01/14/98	7.27	1.01	6.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/17/98	7.27	2.94	4.33	--	<50	1.7	<0.5	<0.5	<0.5	<2.5
07/15/98	7.27	4.72	2.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/27/98	7.27	INACCESSIBLE		--	--	--	--	--	--	--
11/25/98	7.27	4.16	3.11	--	110 <sup>3</sup>	54	<0.5	<0.5	<0.5	<2.5
01/20/99	7.27	3.45	3.82	--	<50	10	<0.5	<0.5	<0.5	<2.0
04/19/99	7.27	3.39	3.88	--	<50	2.6	<0.5	<0.5	<0.5	<2.5/<2.0 <sup>2</sup>
07/29/99 <sup>4</sup>	7.27	4.34	2.93	--	<5,000	2,590	<50	<50	<50	<500
10/13/99	7.27	5.89	1.38	--	9,270	4,610	44.2	<25	<25	<125
01/25/00	7.27	4.11	3.16	--	529	289	<0.5	<0.5	<0.5	738
04/03/00 <sup>7,8</sup>	7.27	2.84	4.43	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/03/00 <sup>7</sup>	7.27	3.77	3.50	0.00	91 <sup>6</sup>	89	0.77	<0.50	<0.50	<2.5
10/12/00	7.27	6.32	0.95	0.00	<50	8.0	<0.50	<0.50	<0.50	<2.5
01/08/01 <sup>7,11</sup>	7.27	3.74	3.53	0.00	400 <sup>6</sup>	640	8.2	8.0	5.0	10
04/09/01 <sup>7</sup>	7.27	3.03	4.24	0.00	91.3	22.0	3.36	0.751	2.14	<0.500
08/23/01 <sup>7</sup>	7.27	4.70	2.57	0.00	53 <sup>13</sup>	23	0.50	<0.50	1.1	<2.5
11/27/01 <sup>14</sup>	7.27	4.43	2.84	0.00	<50	4.1	<0.50	<0.50	<1.5	<2.5
02/26/02 <sup>14</sup>	7.27	2.50	4.77	0.00	100	53	<0.50	<0.50	<1.5	<2.5
05/23/02	7.27	3.27	4.00	0.00	610	260	4.2	1.7	2.1	<2.5
08/09/02	7.27	4.11	3.16	0.00	<50	1.1	<0.50	<0.50	<1.5	<2.5
11/08/02	7.27	4.12	3.15	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/07/03	7.27	2.60	4.67	0.00	<50	0.65	<0.50	<0.50	<1.5	<2.5
05/09/03	7.27	2.57	4.70	0.00	<50	1.9	<0.5	<0.5	<1.5	<2.5
08/15/03 <sup>15</sup>	7.27	4.15	3.12	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/14/03 <sup>15</sup>	7.27	4.10	3.17	0.00	<50	<0.5	0.6	<0.5	<0.5	1

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WELL ID/ DATE	TOC <sup>+</sup> (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-6 (cont)</b>										
02/13/04 <sup>15</sup>	7.27	2.66	4.61	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04 <sup>15</sup>	7.27	3.55	3.72	0.00	<50	3	<0.5	<0.5	<0.5	<0.5
08/13/04 <sup>15</sup>	7.27	4.32	2.95	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/12/04 <sup>15</sup>	7.27	4.20	3.07	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/11/05 <sup>15</sup>	7.27	2.18	5.09	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05 <sup>15</sup>	7.27	4.11	3.16	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/19/05 <sup>15</sup>	7.27	3.70	3.57	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/18/05 <sup>15</sup>	7.27	3.98	3.29	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/06 <sup>15</sup>	7.27	2.11	5.16	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06 <sup>15</sup>	7.27	3.18	4.09	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/11/06 <sup>15</sup>	7.27	3.80	3.47	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/06 <sup>15</sup>	7.27	3.78	3.49	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/16/07 <sup>15</sup>	7.27	2.08	5.19	0.00	<50	1	<0.5	<0.5	<0.5	<0.5
05/17/07 <sup>15</sup>	7.27	3.61	3.66	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/07 <sup>15</sup>	7.27	4.05	3.22	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/07 <sup>15</sup>	7.27	4.12	3.15	0.00	<50	5	<0.5	<0.5	<0.5	<0.5
02/06/08 <sup>15</sup>	7.27	1.85	5.42	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08 <sup>15</sup>	7.27	3.91	3.36	0.00	63	18	<0.5	<0.5	<0.5	<0.5
09/11/08 <sup>15</sup>	7.27	4.93	2.34	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>MW-7</b>										
11/30/93	8.22	5.33	2.89	--	480	110	41	4.4	38	--
01/27/94	8.22	4.50	3.72	--	120	21	1.1	2.2	4.8	--
04/07/94	8.22	4.62	3.60	--	2,600	630	39	56	94	--
07/01/94	8.22	5.13	3.09	--	2,200	770	42	<10	92	--
10/05/94	8.22	5.61	2.61	--	15,000	3,300	90	130	320	--
01/12/95	8.22	2.83	5.39	--	340	57	<1.3	18	6.4	--
04/26/95	8.22	2.35	5.87	--	15,000	3,700	210	520	800	--
07/12/95	8.22	4.66	3.56	--	7,700	1,800	59	130	370	--
10/30/95	8.22	5.48	2.74	--	770	260	<5.0	33	48	25
01/22/96	8.22	3.34	4.88	--	290	63	<1.0	6.4	5.7	<5.0
04/24/96	8.22	4.12	4.10	--	12,000	2,500	510	380	810	<125
07/29/96	8.22	5.03	3.19	--	2,600	650	<25	61	150	<125
10/10/96	8.22	5.52	2.70	--	5,800	1,700	28	170	210	<62
01/15/97	8.22	2.92	5.30	--	1,000	230	<2.5	28	11	63



**Table 1**  
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Former Chevron Service Station #9-1153  
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Alameda, California

WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-7 (cont)</b>										
04/03/97	8.22	4.65	3.57	--	6,000	1,800	100	140	170	<100
07/09/97	8.22	5.39	2.83	--	5,500	2,200	<20	41	30	<100
10/29/97	8.22	5.58	2.64	--	220	40	0.61	3.0	2.4	7.6
01/14/98	8.22	2.80	5.42	--	140	5.1	<0.5	<0.5	1.4	<2.5
04/17/98	8.22	3.00	5.22	--	13,000	4,200	98	250	240	250
07/15/98	8.22	INACCESSIBLE		--	--	--	--	--	--	--
08/17/98 <sup>5</sup>	7.92	5.52	2.40	--	1,600	380	51	68	280	22
10/27/98	7.92	7.51	0.41	--	190	2.3	0.53	<0.5	<0.5	33
01/20/99	7.92	3.45	4.47	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	7.92	4.61	3.31	--	6,500	3,000	<0.5	110	210	310/150 <sup>2</sup>
07/29/99 <sup>4</sup>	7.92	5.00	2.92	--	8,390	2,100	129	222	729	248
10/13/99	7.92	5.61	2.31	--	14,300	6,600	58.8	117	190	<125
01/25/00	7.92	3.32	4.60	--	1,100	184	<5.0	13.5	33.7	151
04/03/00 <sup>7,9</sup>	7.92	3.38	4.54	0.00	2,600 <sup>6</sup>	780	12	<5.0	61	95
07/03/00 <sup>7</sup>	7.92	4.34	3.58	0.00	4,100 <sup>6</sup>	2,600	72	240	690	<50
10/23/00	7.92	6.11	1.81	0.00	12,000 <sup>6</sup>	2,600	<50	150	290	<250
01/08/01 <sup>7,11</sup>	7.92	4.32	3.60	0.00	3,900 <sup>6</sup>	2,200	61	140	350	<25
04/09/01 <sup>7</sup>	7.92	3.63	4.29	0.00	25,100	4,590	1,200	843	1,920	48.1
08/23/01 <sup>7</sup>	7.92	4.83	3.09	0.00	27,000	4,100	970	1,100	3,500	<500
11/27/01	7.92	4.30	3.62	0.00	12,000	1,800	50	450	830	91
02/26/02	7.92	3.00	4.92	0.00	15,000	3,100	260	380	860	<10
05/23/02	7.92	3.69	4.23	0.00	28,000	6,000	120	820	1,900	42
08/09/02	7.92	4.38	3.54	0.00	24,000	3,700	81	710	1,300	56
11/08/02	7.92	4.43	3.49	0.00	18,000	2,300	150	660	1,400	<100
02/07/03	7.92	3.20	4.72	0.00	13,000	2,300	200	310	620	<25
05/09/03	7.92	3.18	4.74	0.00	17,000	4,200	36	350	360	<50
08/15/03 <sup>15</sup>	7.92	4.75	3.17	0.00	29,000	7,300	140	780	1,900	<5
11/14/03 <sup>15</sup>	7.92	4.95	2.97	0.00	7,200	950	3	45	20	7
02/13/04 <sup>15</sup>	7.92	3.29	4.63	0.00	3,300	360	4	82	130	3
05/14/04 <sup>15</sup>	7.92	3.98	3.94	0.00	17,000	3,100	480	510	1,300	3
08/13/04 <sup>15</sup>	7.92	5.94	1.98	0.00	10,000	2,000	4	130	150	4
11/12/04 <sup>15</sup>	7.92	4.50	3.42	0.00	680	4	<0.5	1	0.7	0.8
02/11/05 <sup>15</sup>	7.92	3.07	4.85	0.00	4,600	680	6	80	44	4
05/13/05 <sup>15</sup>	7.92	4.51	3.41	0.00	4,200	380	3	38	13	2
08/19/05 <sup>15</sup>	7.92	4.03	3.89	0.00	7,900	1,300	3	190	310	<1
11/18/05 <sup>15</sup>	7.92	4.62	3.30	0.00	3,900	4	1	16	8	2

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Former Chevron Service Station #9-1153  
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WELL ID/ DATE	TOC+ (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-7 (cont)</b>										
02/10/06 <sup>15</sup>	7.92	3.12	4.80	0.00	3,200	320	2	14	8	2
05/12/06 <sup>15</sup>	7.92	4.25	3.67	0.00	3,600	1,000	2	65	27	<1
08/11/06 <sup>15</sup>	7.92	4.45	3.47	0.00	6,700	1,900	6	280	300	<1
11/17/06 <sup>15</sup>	7.92	4.71	3.21	0.00	1,200	0.6	<0.5	1	0.8	<0.5
02/16/07 <sup>15</sup>	7.92	3.26	4.66	0.00	110	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07 <sup>15</sup>	7.92	4.62	3.30	0.00	6,400	1,400	4	130	26	<1
08/09/07 <sup>15</sup>	7.92	4.61	3.31	0.00	10,000	1,400	4	230	12	<3
11/08/07 <sup>15</sup>	7.92	4.72	3.20	0.00	2,300	4	1	3	7	0.9
02/06/08 <sup>15</sup>	7.92	2.98	4.94	0.00	190	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08 <sup>15</sup>	7.92	4.48	3.44	0.00	8,000	1,500	15	380	260	<1
09/11/08 <sup>15</sup>	7.92	5.95	1.97	0.00	5,100	530	4	47	12	0.7
<b>MW-8</b>										
10/17/95	6.96	4.40	2.56	--	--	--	--	--	--	--
10/30/95	6.96	4.44	2.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/22/96	6.96	2.24	4.72	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/24/96	6.96	2.97	3.99	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/96	6.96	3.37	3.59	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	6.96	4.12	2.84	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/15/97	6.96	0.94	6.02	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	6.96	2.20	4.76	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/97	6.96	4.30	2.66	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	6.96	4.57	2.39	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/14/98	6.96	0.83	6.13	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/99	6.96	2.69	4.27	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/19/99	6.96	3.76	3.20	--	--	--	--	--	--	<2.0
01/25/00	6.96	1.41	5.55	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/00	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
07/03/00	6.96	--	--	--	--	--	--	--	--	--
10/23/00	6.96	--	--	--	--	--	--	--	--	--
01/08/01 <sup>11</sup>	6.96	3.58	3.38	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/09/01	6.96	--	--	--	--	--	--	--	--	--
08/23/01	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/27/01	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/26/02	6.96	2.91	4.05	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5

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WELL ID/ DATE	TOC <sup>+</sup> (ft.)	DTW (ft.)	GWE (msf)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-8 (cont)</b>										
05/23/02	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/09/02	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/08/02	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/07/03	6.96	3.13	3.83	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/15/03	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/14/03	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/13/04 <sup>15</sup>	6.96	3.20	3.76	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/12/04	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/11/05 <sup>15</sup>	6.96	2.85	4.11	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/19/05	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/18/05	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/10/06 <sup>15</sup>	6.96	2.74	4.22	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/11/06	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/17/06	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/16/07 <sup>15</sup>	6.96	2.69	4.27	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/09/07	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/08/07	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/06/08 <sup>15</sup>	6.96	2.57	4.39	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
09/11/08	6.96	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
<b>MW-9</b>										
10/17/95	7.21	4.80	2.41	--	--	--	--	--	--	--
10/30/95	7.21	4.97	2.24	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/22/96	7.21	3.40	3.81	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/24/96	7.21	4.18	3.03	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/96	7.21	4.69	2.52	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	7.21	5.20	2.01	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/15/97	7.21	3.31	3.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	7.21	4.57	2.64	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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WELL ID/ DATE	TOC* (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-9 (cont)</b>										
07/09/97	7.21	5.04	2.17	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	7.21	4.96	2.25	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/14/98	7.21	2.40	4.81	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/99	7.21	4.31	2.90	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	7.21	3.92	3.29	--	--	--	--	--	--	--
01/25/00	7.21	2.95	4.26	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/00	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
07/03/00	7.21	--	--	--	--	--	--	--	--	--
10/23/00	7.21	--	--	--	--	--	--	--	--	--
01/08/01 <sup>11</sup>	7.21	4.59	2.62	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/09/01	7.21	--	--	--	--	--	--	--	--	--
08/23/01	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/27/01	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/26/02	7.21	3.75	3.46	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/23/02	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/09/02	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/08/02	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/07/03	7.21	3.97	3.24	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/15/03	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/14/03	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/13/04 <sup>15</sup>	7.21	3.94	3.27	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/12/04	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/11/05 <sup>15</sup>	7.21	3.66	3.55	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/19/05	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/18/05	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/10/06 <sup>15</sup>	7.21	3.53	3.68	0.00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/11/06	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/17/06	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
02/16/07 <sup>15</sup>	7.21	3.50	3.71	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
08/09/07	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--
11/08/07	7.21	MONITORED/SAMPLED ANNUALLY			--	--	--	--	--	--

**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID/ DATE	TOC <sup>+</sup> (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	
<b>MW-9 (cont)</b>											
02/06/08 <sup>15</sup>	7.21	3.14	4.07	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5	
05/07/08	7.21	MONITORED/SAMPLED ANNUALLY									
09/11/08	7.21	MONITORED/SAMPLED ANNUALLY									
<b>MW-10</b>											
10/17/95	7.28	5.05	2.23	--	--	--	--	--	--	--	
10/30/95	7.28	5.11	2.17	--	<50	<0.5	<0.5	<0.5	<0.5	5.1	
01/22/96	7.28	4.03	3.25	--	<50	<0.5	<0.5	<0.5	0.70	17	
04/24/96	7.28	4.30	2.98	--	<50	<0.5	<0.5	<0.5	<0.5	12	
07/29/96	7.28	4.70	2.58	--	<50	<0.5	<0.5	<0.5	<0.5	14	
10/10/96	7.28	5.24	2.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
01/15/97	7.28	3.35	3.93	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
04/03/97	7.28	4.64	2.64	--	<50	<0.5	<0.5	<0.5	<0.5	8.2	
07/09/97	7.28	5.12	2.16	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5	
10/29/97	7.28	5.10	2.18	--	<50	<0.5	<0.5	<0.5	<0.5	5.3	
01/14/98	7.28	3.08	4.20	--	<50	<0.5	<0.5	<0.5	<0.5	8.6	
04/17/98	7.28	3.79	3.49	--	SAMPLED SEMI-ANNUALLY		--	--	--	--	
07/15/98	7.28	4.55	2.73	--	<50	<0.5	<0.5	<0.5	<0.5	7.5	
10/27/98	7.28	5.32	1.96	--	--	--	--	--	--	--	
01/20/99	7.28	4.24	3.04	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0	
04/19/99	7.28	4.07	3.21	--	--	--	--	--	--	--	
07/29/99	7.28	4.82	2.46	--	<50	<0.5	<0.5	<0.5	<0.5	--	
10/13/99	7.28	4.86	2.42	--	--	--	--	--	--	<5.0/2.4 <sup>2</sup>	
01/25/00	7.28	3.00	4.28	--	<50	<0.5	<0.5	<0.5	<0.5	4.33	
04/03/00	7.28	3.04	4.24	0.00	--	--	--	--	--	--	
07/03/00	7.28	4.00	3.28	0.00	<50	<0.50	<0.50	<0.50	<0.50	4.7	
10/23/00	7.28	5.86	1.42	0.00	--	--	--	--	--	--	
01/08/01 <sup>11</sup>	7.28	3.98	3.30	0.00	<50	<0.50	<0.50	<0.50	<0.50	<2.5	
04/09/01	7.28	3.74	3.54	0.00	--	--	--	--	--	--	
08/23/01	7.28	INACCESSIBLE - DUE TO TRAFFIC CONTROL				--	--	--	--	--	--
11/27/01	7.28	4.13	3.15	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	
02/26/02	7.28	3.54	3.74	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
05/23/02	7.28	3.82	3.46	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	
08/09/02	7.28	4.18	3.10	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5	
11/08/02	7.28	3.91	3.37	0.00	SAMPLED SEMI-ANNUALLY		--	--	--	--	

**Table 1**  
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WELL ID/ DATE	TOC+ (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>MW-10 (cont)</b>										
02/07/03	7.28	3.61	3.67	0.00	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	7.28	3.25	4.03	0.00	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
08/15/03 <sup>15</sup>	7.28	4.35	2.93	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/14/03	7.28	4.30	2.98	0.00	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
02/13/04 <sup>15</sup>	7.28	4.27	3.01	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04	7.28	4.08	3.20	0.00	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
08/13/04 <sup>15</sup>	7.28	3.92	3.36	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/12/04	7.28	3.98	3.30	0.00	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
02/11/05 <sup>15</sup>	7.28	4.07	3.21	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05	7.28	4.01	3.27	0.00	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
08/19/05 <sup>15</sup>	7.28	3.69	3.59	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/18/05	7.28	3.86	3.42	0.00	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
02/10/06 <sup>15</sup>	7.28	3.94	3.34	0.00	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06	7.28	4.07	3.21	0.00	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
08/11/06 <sup>15</sup>	7.28	4.21	3.07	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/06	7.28	3.83	3.45	0.00	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
02/16/07 <sup>15</sup>	7.28	3.87	3.41	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07	7.28	3.71	3.57	0.00	SAMPLED SEMI-ANNUALLY	--	--	--	--	--
08/09/07	7.28	INACCESSIBLE	--	--	--	--	--	--	--	--
11/08/07	7.28	INACCESSIBLE	--	--	--	--	--	--	--	--
02/06/08	7.28	INACCESSIBLE	--	--	--	--	--	--	--	--
05/07/08	7.28	INACCESSIBLE	--	--	--	--	--	--	--	--
09/11/08 <sup>15</sup>	7.28	4.63	2.65	0.00	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>C-2</b>										
08/18/86	--	--	--	--	--	--	--	--	--	--
09/04/86	--	--	--	--	1,100	49	18	84	--	--
07/22/87	--	--	--	--	<50	1.8	<1.0	<4.0	--	--
ABANDONED										
<b>TMW-1</b>										
11/11/93	--	--	--	--	<1.0	<0.5	<0.5	<0.5	<0.5	--
NOT MONITORED/SAMPLED										
<b>3115A GIBBONS DR.</b>										
01/14/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

**Table 1**  
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Alameda, California

WELL ID/ DATE	TOC+ (fl.)	DTW (fl.)	GWE (msl)	SPHT (fl.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>TRIP BLANK</b>										
<b>TB-LB</b>										
02/14/90	--	--	--	--	<50	<0.5	1.1	<0.5	<0.5	--
09/06/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
12/15/91	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
03/03/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
06/04/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/13/92	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/11/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/14/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/13/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/19/93	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	--
01/27/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/07/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/01/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/05/94	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
04/26/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
07/12/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
10/30/95	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	--
01/22/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/24/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/96	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/10/96	--	--	--	--	--	--	--	--	--	--
01/15/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/03/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/09/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/29/97	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/14/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
04/17/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/15/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
10/27/98	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/20/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.0
04/19/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
07/29/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<5.0
10/13/99	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5
01/25/00	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<2.5

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WELL ID/ DATE	TOC <sup>+</sup> (ft.)	DTW (ft.)	GWE (msl)	SPHT (ft.)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)
<b>Trip Blank (cont)</b>										
04/03/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
07/03/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
10/23/00	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
01/08/01 <sup>11</sup>	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
04/09/01	--	--	--	--	<50.0	<0.500	<2.00	<0.500	<2.00	<0.500
08/23/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<0.50	<2.5
11/27/01	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/26/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/23/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
08/09/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
11/08/02	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
02/07/03	--	--	--	--	<50	<0.50	<0.50	<0.50	<1.5	<2.5
05/09/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5
08/15/03 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/14/03	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/13/04 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/14/04 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
<b>QA</b>										
08/13/04 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/12/04 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/11/05 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/13/05 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/19/05 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/18/05 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/10/06 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/12/06 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/11/06 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/17/06 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/16/07 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/17/07 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
08/09/07 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
11/08/07 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
02/06/08 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
05/07/08 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5
09/11/08 <sup>15</sup>	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5



**Table 1**  
**Groundwater Monitoring Data and Analytical Results**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

**EXPLANATIONS:**

Groundwater monitoring data and laboratory analytical results prior to April 3, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

TOC = Top of Casing

(ft.) = Feet

DTW = Depth to Water

GWE = Groundwater Elevation

(msl) = Mean sea level

SPHT = Separate Phase Hydrocarbon Thickness

TPH-G = Total Petroleum Hydrocarbons as Gasoline

B = Benzene

T = Toluene

E = Ethylbenzene

X = Xylenes

MTBE = Methyl tertiary butyl ether

(µg/L) = Micrograms per liters

-- = Not Measured/Not Analyzed

QA = Quality Assurance/Trip Blank

\* TOC elevations are referenced to msl.

\*\* GWE has been corrected due to the presence of SPH; correction factor: [(TOC - DTW) + (SPHT x 0.80)].

1 Laboratory report indicates EPA 8010 were not detected (ND).

2 MTBE confirmed.

3 Chromatogram report indicates an unidentified hydrocarbon.

4 ORC installed.

5 TOC elevation altered due to well head maintenance.

6 Laboratory report indicates gasoline C6-C12.

7 ORC in well.

8 Laboratory report indicates Dissolved Oxygen was 1.50 parts per million (ppm) by EPA Method 360.1.

9 Laboratory report indicates Dissolved Oxygen was 0.300 ppm by EPA Method 360.1.

10 Laboratory report indicates sample originally shot in hold time at a raise D.L. re-analyzed and reported past hold time.

11 Laboratory report indicates this sample was analyzed outside of the EPA recommended holding time.

12 Laboratory report indicates unidentified hydrocarbons C6-C12.

13 Laboratory report indicates hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

14 ORC removed.

15 BTEX and MTBE by EPA Method 8260.

16 Laboratory confirmed analytical result.

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID	DATE	DTW (ft.)	SPHT (ft.)	AMOUNT BAILED (Product + Water) (gallons)	TOTAL BAILED (Product + Water) (gallons)
C-1	08/18/86	4.10	--	--	--
	09/04/86	--	--	--	--
	07/22/87	--	--	--	--
	05/03/89	4.46	--	--	--
	12/04/89	4.16	--	--	--
	02/14/90	3.64	--	--	--
	03/07/90	3.36	--	--	--
	09/06/91	4.43	--	--	--
	12/15/91	4.78	--	--	--
	03/03/92	2.39	--	--	--
	06/04/92	4.08	--	--	--
	10/13/92	4.75	--	--	--
	01/11/93	2.26	Sheen	--	--
	04/14/93	2.90	Sheen	--	--
	07/13/93	3.97	Sheen	--	--
	10/19/93	4.50	--	--	--
	11/30/93	4.27	--	--	--
	01/27/94	3.35	--	--	--
	04/07/94	3.42	--	--	--
	07/01/94	3.96	--	--	--
	10/05/94	4.39	--	--	--
	01/12/95	1.52	0.50	0.26	0.26
	04/26/95	4.40	2.20	1.32	1.59
	07/12/95	4.85	1.81	0.66	2.25
	10/30/95	5.67	1.63	0.53	2.77
	01/04/96	3.92	0.12	0.26	3.04
	01/10/96	3.48	0.13	0.07	3.10
	01/17/96	3.40	0.02	0.40	3.50
	01/22/96	2.90	0.00	0.00	3.50
	02/23/96	4.10	1.86	0.66	4.16
	02/28/96	--	>0.83	1.25	5.41
	03/08/96	2.86	1.83	0.26	5.68
	03/08/96	2.30	0.36	0.53	6.20
	03/08/96	2.33	0.36	0.26	6.47
	03/08/96	2.28	0.22	0.53	7.00
	03/26/96	3.96	1.28	0.40	7.39
	04/11/96	5.61	1.75	0.53	7.92
	04/19/96	3.09	0.04	0.40	8.32
	04/24/96	3.04	0.03	0.40	8.71
	05/03/96	4.02	0.46	0.40	9.11
	05/03/96	3.89	0.47	0.00	9.11
	05/08/96	4.25	0.35	0.07	9.17
	05/17/96	3.24	0.04	0.03	9.20
	05/17/96	3.35	0.01	0.03	9.23
	05/17/96	3.43	0.01	0.03	9.26
	05/17/96	3.65	0.01	0.00	9.26
	05/22/96	3.10	0.07	0.08	9.34
	06/18/96	4.68	0.48	0.26	9.60
	07/03/96	5.03	0.13	0.15	9.75
	07/09/96	4.63	0.23	0.09	9.84
	07/17/96	4.73	0.15	0.32	10.16

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

<b>WELL ID</b>	<b>DATE</b>	<b>DTW (ft.)</b>	<b>SPHT (ft.)</b>	<b>AMOUNT BAILED (Product + Water) (gallons)</b>	<b>TOTAL BAILED (Product + Water) (gallons)</b>
C-1 (cont)	07/29/96	5.10	0.09	0.26	10.42
	08/02/96	5.68	0.03	0.03	10.45
	08/07/96	5.16	0.01	0.13	10.59
	08/23/96	5.75	0.03	0.03	10.61
	08/28/96	5.53	0.03	0.01	10.63
	09/06/96	5.38	--	0.05	10.67
	09/12/96	5.48	0.03	0.01	10.68
	09/19/96	6.32	0.03	0.01	10.69
	10/10/96	4.58	0.10	0.13	10.83
	10/17/96	5.61	0.01	0.01	10.84
	10/29/96	6.01	--	--	10.84
	11/07/96	5.56	0.04	0.13	10.97
	11/11/96	5.32	0.04	0.13	11.10
	12/20/96	3.33	0.03	0.05	11.16
	12/17/96	3.73	0.01	0.01	11.17
	01/15/97	2.74	--	--	11.17
	01/22/97	1.37	0.19	0.07	11.23
	02/04/97	2.98	0.51	0.15	11.38
	02/20/97	4.09	0.13	0.11	11.48
	03/06/97	3.75	0.56	1.19	12.67
	03/14/97	3.82	0.03	0.12	12.79
	03/20/97	3.73	0.03	0.01	12.80
	03/25/97	4.32	0.01	--	12.80
	03/31/97	3.71	0.03	0.00	12.81
	04/03/97	4.60	0.03	0.00	12.81
	04/09/97	4.25	0.02	0.03	12.84
	04/24/97	4.65	0.02	0.01	12.84
	04/30/97	3.50	0.02	0.01	12.85
	05/22/97	4.97	--	0.01	12.86
	06/03/97	3.62	0.06	0.01	12.86
	07/09/97	4.30	0.06	0.13	13.00
	08/12/97	5.18	0.00	0.05	13.05
	09/30/97	5.25	0.50	0.07	13.12
	10/29/97	5.33	0.03	0.02	13.14
	11/13/97	4.86	0.02	0.03	13.16
	12/18/97	2.34	--	--	13.16
	01/14/98	0.25	0.02	0.13	13.29
	02/02/98	2.35	0.05	0.03	13.32
	03/16/98	2.50	0.50	0.13	13.45
	04/17/98	2.65	0.40	0.11	13.56
	05/01/98	2.39	0.04	0.26	13.82
	06/17/98	3.26	0.08	0.03	13.86
	07/15/98	3.55	--	--	13.86
	09/01/98	4.00	--	--	13.86
	10/27/98	4.48	--	--	13.86
	11/19/98	3.89	--	--	13.86
	12/19/98	2.13	0.02	0.04	13.90
	01/20/99	3.98	--	--	13.90
	02/24/99	2.55	--	--	13.90
	03/26/99	2.14	0.76	0.26	14.16
	04/19/99	1.04	--	--	14.16

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID	DATE	DTW (ft.)	SPHT (ft.)	AMOUNT BAILED (Product + Water) (gallons)	TOTAL BAILED (Product + Water) (gallons)
C-1 (cont)	04/19/99	1.04	--	--	--
	07/29/99	3.76	0.02	0.01	14.17
	08/30/99	4.30	--	--	14.17
	09/23/99	3.84	0.02	0.03	14.20
	10/13/99	1.27	--	--	14.20
	11/17/99	3.59	--	--	--
	12/08/99	3.79	--	--	--
	01/25/00	1.99	0.04	0.03	14.23
	04/03/00	2.20	0.10	0.00	14.23
	05/26/00	2.52	0.23	0.26	14.49
	06/19/00 <sup>1</sup>	2.89	0.19	0.26	14.75
	07/03/00	3.45	0.25	0.26	15.01
	08/01/00	3.78	0.16	0.10	15.11
	09/30/00	4.03	0.04	0.26	15.37
	10/23/00	4.15	0.03	0.26	15.63
	11/21/00	3.42	0.00	0.26	15.89
	12/22/00	2.96	0.00	0.26	16.15
	01/08/01	2.94	0.00	0.26	16.41
	02/17/01	2.09	0.59	0.26	16.67
	03/13/01	2.20	0.76	0.26	16.93
	04/09/01	2.45	0.26	0.26	17.19
	05/18/01	2.70	0.59	0.26	17.45
	06/12/01	3.50	0.97	0.26	17.71
	07/19/01	4.25	0.95	0.26	17.97
	08/23/01	4.34	0.07	0.26	18.23
	09/17/01	4.39	0.08	0.00	18.23
	10/08/01	4.45	0.04	0.02	18.25
	11/27/01	3.89	0.00	0.00	18.25
	12/17/01	1.81	0.00	0.00	18.25
	01/07/02	2.27	0.51	1.50	19.75
	02/26/02	2.70	0.52	0.13	19.88
	03/27/02	2.87	1.05	0.26	20.14
	04/08/02	2.45	1.23	0.53	20.67
	05/23/02	3.57	0.52	0.12	20.79
	06/17/02	3.90	0.35	0.07	20.86
	07/31/02	4.12	0.20	0.02	20.88
	08/09/02	4.15	0.16	0.02	20.90
	09/17/02	4.33	0.12	0.01	20.91
	10/15/02	4.51	0.15	0.04	20.95
	11/08/02	4.11	0.00	0.00	20.95
	12/19/02	1.14	0.00	0.00	20.95
	01/14/03	1.80	0.00	0.00	20.95
	02/07/03	2.95	0.30	0.05	21.00
	03/20/03	2.86	0.41	0.13	21.13
	04/15/03	2.12	0.10	0.03	21.16
	05/09/03	2.95	0.70	0.22	21.38
	06/27/03	3.97	0.50	0.11	21.49
	07/16/03	3.68	0.28	0.04	21.53
	08/15/03	4.29	0.22	0.03	21.56
	09/26/03	4.60	0.19	0.04	21.60
	10/18/03	4.72	0.15	0.02	21.62

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID	DATE	DTW (ft.)	SPHT (ft.)	AMOUNT BAILED (Product + Water) (gallons)	TOTAL BAILED (Product + Water) (gallons)
C-1 (cont)	11/14/03	4.31	0.20	0.04	21.66
	12/23/03	1.81	0.00	0.00	21.66
	01/22/04	4.19	0.01	0.25 <sup>2</sup>	21.91
	02/13/04	3.04	0.04	0.27	22.18
	03/11/04	1.85	0.40	0.04	22.22
	04/22/04	3.08	0.22	0.66	22.88
	05/14/04	3.49	0.03	0.54	23.42
	06/18/04	3.41	0.13	0.63	24.05
	07/23/04	3.28	0.11	0.59	24.64
	08/13/04	3.14	0.05	1.02	25.66
	09/13/04	4.53	0.09	0.03	25.69
	10/22/04	3.19	0.03	1.02	26.71
	11/12/04	3.22	0.03	0.51	27.22
	12/02/04	3.28	0.02	0.26	27.48
	01/28/05	3.19	0.01	0.51	27.99
	02/11/05	2.75	0.04	0.53	28.52
	03/11/05	2.94	0.03	1.02	29.54
	04/26/05	3.03	0.02	1.02	30.56
	05/13/05	3.18	0.02	1.02	31.58
	06/01/05	3.22	0.02	0.51	32.09
	07/15/05	3.09	0.02	1.51	33.60
	08/19/05	2.88	0.03	1.53	35.13
	09/23/05	2.95	0.02	1.02	36.15
	10/14/05	3.01	0.01	0.52	36.67
	11/18/05	3.21	0.02	1.02	37.69
	12/09/05	3.61	0.01	1.01	38.70
	01/12/06	2.98	0.01	0.51	39.21
	02/10/06	2.69	0.01	0.50 <sup>3</sup>	39.71
	03/13/06	2.81	0.01	1.00 <sup>4</sup>	40.71
	04/13/06	2.75	0.01	0.50 <sup>4</sup>	41.22
	05/12/06	3.02	0.01	0.50 <sup>4</sup>	41.72
	06/12/06	3.10	0.01	0.50 <sup>4</sup>	42.22
	07/13/06	3.14	0.02	1.01	43.23
	08/11/06	3.70	0.01	1.01	44.24
	09/11/06	3.75	0.02	1.02	45.26
	10/17/06	3.82	0.01	1.02	46.28
	11/17/06	3.11	0.03	1.02	47.30
	12/15/06	2.95	0.02	1.02	48.32
	01/16/07	2.98	0.02	0.52	48.84
	02/16/07	2.77	0.00	0.00	48.84
	03/16/07	3.07	0.01	0.51 <sup>4</sup>	49.35
	04/17/07	2.98	0.01	0.50 <sup>3</sup>	49.85
	05/17/07	3.05	0.01	0.51 <sup>4</sup>	50.36
	06/15/07	3.08	0.01	1.02	51.38
	07/17/07	3.13	0.01	0.50 <sup>4</sup>	51.88
	08/09/07	3.24	0.02	0.52	52.40
	09/14/07	3.16	0.01	0.26 <sup>4</sup>	52.67
	10/16/07	3.04	0.01	0.26 <sup>4</sup>	52.93
	11/08/07	3.11	0.01	0.00	52.93

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

<b>WELL ID</b>	<b>DATE</b>	<b>DTW (ft.)</b>	<b>SPHT (ft.)</b>	<b>AMOUNT BAILED (Product + Water) (gallons)</b>	<b>TOTAL BAILED (Product + Water) (gallons)</b>
C-1 (cont)	12/07/07	2.98	0.03	0.55	53.48
	01/16/08	2.95	0.02	0.27	53.75
	02/06/08	2.61	0.01	0.00	53.75
	03/07/08	2.87	0.02	0.40 <sup>g</sup>	54.16
	04/16/08	3.06	0.02	0.55	54.71
	05/07/08	2.98	0.03	0.55	55.26
	<b>06/06/08</b>	<b>3.04</b>	<b>0.02</b>	<b>0.55</b>	<b>55.81</b>
	<b>07/16/08</b>	<b>3.12</b>	<b>0.02</b>	<b>0.41</b>	<b>56.22</b>
	<b>09/11/08</b>	<b>4.22</b>	<b>0.41</b>	<b>0.92</b>	<b>57.14</b>

**Table 2**  
**Separate Phase Hydrocarbon Thickness/Removal Data**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

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**EXPLANATIONS:**

Groundwater monitoring data prior to July 3, 2000, were compiled from reports prepared by Blaine Tech Services, Inc.

DTW = Depth to Water

(ft.) = Feet

SPHT = Separate Phase Hydrocarbon Thickness

-- = Not Measured

- 1 There is no skimmer present in this well.
- 2 Removed less than one ounce of product from well.
- 3 Removed 0.5 ounces of product from well.
- 4 Removed 1 ounce of product from well.

**Table 3**  
**Dissolved Oxygen Concentrations**  
Former Chevron Service Station #9-1153  
3135 Gibbons Drive  
(3126 Fernside Boulevard)  
Alameda, California

WELL ID	DATE	PRE-PURGE (mg/L)	POST-PURGE (mg/L)
MW-6	11/08/02	2.10	--
	02/07/03	2.60	--
	05/09/03	3.10	--
	08/15/03	2.90	--
	11/14/03	3.41	--
	08/19/05	1.90	--
	11/18/05	1.70	--
	02/10/06	2.20	--
	05/12/06	2.80	--
	08/11/06	2.50	--
	11/17/06	2.20	--
	02/16/07	1.80	--
	05/17/07	2.0	--
	08/09/07	2.6	--
	11/08/07	2.2	--
	02/06/08	2.4	--
	05/07/08	2.3	--
	09/11/08	1.9	--
	MW-7	11/08/02	-98.00 <sup>1</sup>
02/07/03		2.90	--
05/09/03		2.60	--
08/15/03		2.30	--
11/14/03		1.87	--
08/19/05		0.80	--
11/18/05		0.90	--
02/10/06		1.30	--
05/12/06		1.40	--
08/11/06		1.10	--
11/17/06		0.70	--
02/16/07		1.10	--
05/17/07		1.7	--
08/09/07		1.2	--
11/08/07		0.9	--
02/06/08		0.5	--
05/07/08		1.2	--
09/11/08		1.0	--

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**EXPLANATIONS:**

mg/L = milligrams per liter

-- = Not Measured

<sup>1</sup> Below D.O. meter range.



## STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

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

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

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

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

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

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

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

***FORMER CHEVRON SERVICE STATION #9-1153  
Alameda, CA***

***MONTHLY MONITORING EVENTS  
of  
June 6, 2008  
July 16, 2008***



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr.(3126 Fernside E Event Date: 6-6-08 (inclusive)  
 City: Alameda, CA Sampler: Joe

Well ID: C-1 Date Monitored: 6-6-08  
 Well Diameter: 3 in.  
 Total Depth: 13.76 ft.  
 Depth to Water: 3.04 ft.  Check if water column is less than 0.50 ft.

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

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: 1335 (2400 hrs)  
 Time Completed: 1410 (2400 hrs)  
 Depth to Product: 3.02 ft  
 Depth to Water: 3.04 ft  
 Hydrocarbon Thickness: 0.02 ft  
 Visual Confirmation/Description:  
Dark colored product  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: ✓ gal  
 Amt Removed from Well: 2 ounces gal  
 Water Removed: 2 liter  
 Product Transferred to: G/R yard

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

COMMENTS: MONTHLY PRODUCT GAUGING AND BAILING

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr.(3126 Fernside E Event Date: 7-16-08 (inclusive)  
 City: Alameda, CA Sampler: Joe

Well ID: C-1 Date Monitored: 7-16-08  
 Well Diameter: 3 in.  
 Total Depth: 13.76 ft.  
 Depth to Water: 3.12 ft.  Check if water column is less than 0.50 ft.

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

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: 1045 (2400 hrs)  
 Time Completed: 1115 (2400 hrs)  
 Depth to Product: 3.10 ft  
 Depth to Water: 3.12 ft  
 Hydrocarbon Thickness: 0.02 ft  
 Visual Confirmation/Description:  
Dark smelly product  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: 1 gal  
 Amt Removed from Well: 2 ounces  
 Water Removed: 1.5 liter  
 Product Transferred to: G/R yard

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

COMMENTS: MONTHLY PRODUCT GAUGING AND BAILING

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_

***FORMER CHEVRON SERVICE STATION #9-1153  
Alameda, CA***

***QUARTERLY MONITORING & SAMPLING EVENT  
of  
September 11, 2008***



# GETTLER - RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr. Event Date: 9-11-08 (inclusive)  
 City: Alameda, CA Sampler: Joe

Well ID: C-1  
 Well Diameter: 2 1/3 in.  
 Total Depth: 13.76 ft.  
 Depth to Water: 4.22 ft.

Date Monitored: 9-11-08

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

Check if water column is less than 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: 1025 (2400 hrs)  
 Time Completed: 1045 (2400 hrs)  
 Depth to Product: 3.81 ft  
 Depth to Water: 4.22 ft  
 Hydrocarbon Thickness: 0.41 ft  
 Visual Confirmation/Description:  
Dark colored product  
 Skimmer / Absorbant Sock (circle one)   
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: 0.5 liter  
 Water Removed: 3 liter  
 Product Transferred to: G/R yard

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
	x voa vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN Inc.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr. Event Date: 9-11-08 (inclusive)  
 City: Alameda, CA Sampler: Joe

Well ID: mw-5 Date Monitored: 9-11-08  
 Well Diameter: 213 in.  
 Total Depth: 12.66 ft.  
 Depth to Water: 4.58 ft.

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

Check if water column is less than 0.50 ft.  
 $8.08 \times VF \ 0.17 = 1.37$  x3 case volume = Estimated Purge Volume: 4.5 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.19

**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: 0 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): 0755 Weather Conditions: Foggy  
 Sample Time/Date: 0828 9-11-08 Water Color: clear Odor: Y1(N)  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 4.71

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (°C / F)	D.O. (mg/L)	ORP (mV)
<u>0802</u>	<u>1.5</u>	<u>6.89</u>	<u>2418</u>	<u>19.2</u>	<u>PRE: <del>0.1</del></u>	
<u>0807</u>	<u>3</u>	<u>6.92</u>	<u>2527</u>	<u>19.5</u>		
<u>0815</u>	<u>4.5</u>	<u>6.83</u>	<u>2543</u>	<u>19.6</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>mw-5</u>	<u>6</u> x voa vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr. Event Date: 9-11-08 (inclusive)  
 City: Alameda, CA Sampler: Soe

Well ID: mw-6 Date Monitored: 9-11-08  
 Well Diameter: 213 in.  
 Total Depth: 13.38 ft.  
 Depth to Water: 4.93 ft.

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

Check if water column is less than 0.50 ft.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.62  
 $8.45 \times VF 0.17 = 1.44$  x3 case volume = Estimated Purge Volume: 4.5 gal.

**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: 0 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: Loggy  
 Sample Time/Date: 1020 19-11-08 Water Color: clear Odor: Y 1 (N)  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 4.98

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (° / F)	D.O. (mg/L)	ORP (mV)
<u>0955</u>	<u>1.5</u>	<u>7.19</u>	<u>2318</u>	<u>19.2</u>	<u>PRE: 1.9</u>	
<u>1002</u>	<u>2</u>	<u>7.35</u>	<u>2314</u>	<u>19.6</u>		
<u>1010</u>	<u>4.5</u>	<u>7.36</u>	<u>2321</u>	<u>19.7</u>		

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-6</u>	<u>6</u> x vva vial	<u>YES</u>	<u>HCL</u>	<u>LANCASTER</u>	<u>TPH-G(8015)/BTEX+MTBE(8260)</u>

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_





# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr. Event Date: 9-11-08 (inclusive)  
 City: Alameda, CA Sampler: Joc

Well ID: MW-7 Date Monitored: 9-11-08  
 Well Diameter: (2) 13 in.  
 Total Depth: 11.85 ft.  
 Depth to Water: 5.95 ft.  Check if water column is less than 0.50 ft.

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

5.90 xVF 0.17 = 1.00 x3 case volume = Estimated Purge Volume: 3 gal.  
 Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.13

### 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:	<u>0</u> ft
Visual Confirmation/Description:	_____
Skimmer / Absorbant Sock (circle one)	_____
Amt Removed from Skimmer:	_____ gal
Amt Removed from Well:	_____ gal
Water Removed:	_____ gal
Product Transferred to:	_____

Start Time (purge): 0905 Weather Conditions: Foggy  
 Sample Time/Date: 0930 19-11-08 Water Color: clear Odor: (N)  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 6.05

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm) (PS)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0910</u>	<u>1</u>	<u>6.58</u>	<u>2116</u>	<u>19.8</u>	<u>PRE: 1.0</u>	
<u>0914</u>	<u>2</u>	<u>6.55</u>	<u>2094</u>	<u>19.2</u>		
<u>0917</u>	<u>3</u>	<u>6.54</u>	<u>2098</u>	<u>19.7</u>		

### LABORATORY INFORMATION

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

### COMMENTS:

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_



# GETTLER-RYAN INC.

## WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #9-1153 Job Number: 386423  
 Site Address: 3135 Gibbons Dr. Event Date: 9-11-08 (inclusive)  
 City: Alameda, CA Sampler: Joe

Well ID: MW-10 Date Monitored: 9-11-08  
 Well Diameter: 213 in.  
 Total Depth: 9.10 ft.  
 Depth to Water: 4.63 ft.  Check if water column is less than 0.50 ft.

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

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.52  
 $4.47 \times VF 0.17 = 0.75$  x3 case volume = Estimated Purge Volume: 2.5 gal.

### 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: 0 ft  
 Visual Confirmation/Description: \_\_\_\_\_  
 Skimmer / Absorbant Sock (circle one)  
 Amt Removed from Skimmer: \_\_\_\_\_ gal  
 Amt Removed from Well: \_\_\_\_\_ gal  
 Water Removed: \_\_\_\_\_  
 Product Transferred to: \_\_\_\_\_

Start Time (purge): 0718 Weather Conditions: Foggy  
 Sample Time/Date: 0735 9-11-08 Water Color: clear Odor: YIP  
 Approx. Flow Rate: \_\_\_\_\_ gpm. Sediment Description: \_\_\_\_\_  
 Did well de-water? \_\_\_\_\_ If yes, Time: \_\_\_\_\_ Volume: \_\_\_\_\_ gal. DTW @ Sampling: 4.79

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm)	Temperature (°F)	D.O. (mg/L)	ORP (mV)
<u>0722</u>	<u>0.5</u>	<u>6.88</u>	<u>2518</u>	<u>18.9</u>	PRE: _____	_____
<u>0725</u>	<u>1.5</u>	<u>6.90</u>	<u>2425</u>	<u>19.3</u>	_____	_____
<u>0728</u>	<u>2.5</u>	<u>7.16</u>	<u>2432</u>	<u>19.1</u>	_____	_____

### LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
<u>MW-10</u>	<u>6</u> x vial	YES	HCL	LANCASTER	TPH-G(8015)/BTEX+MTBE(8260)

COMMENTS: \_\_\_\_\_

Add/Replaced Lock: \_\_\_\_\_ Add/Replaced Plug: \_\_\_\_\_ Add/Replaced Bolt: \_\_\_\_\_

# Chevron California Region Analysis Request/Chain of Custody



*091108-02*

For Lancaster Laboratories use only  
 Acct. #: 10904 Sample # 546622-26 Group #: 003707

1109757

Facility #: SS#9-1153-0MD G-R#386423 Global ID#T0600100330  
 Site Address: 3135 GIBBONS DR., ALAMEDA, CA  
 Chevron PM: AC Lead Consultant: CRACE  
 Consultant/Office: G-R, Inc., 6747 Sierra Court, Suite J, Dublin, Ca. 94568  
 Consultant Prj. Mgr.: Deanna L. Harding (deanna@grinc.com)  
 Consultant Phone # 925-551-7555 Fax #: 925-551-7899  
 Sampler: JOE ASEMIAN

Matrix		Analyses Requested													
		Preservation Codes		Matrix											
Soil	Water	Oil	Air	Total Number of Containers	BTX + MTBE 8260	8021	TPH 8015 MOD GRO	TPH 8015 MOD DRO	Silica Gel Cleanup	8260 full scan	Oxygenates	Total Lead	Method	Disolved Lead	Method
				2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
				6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
				6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									
				6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>									

**Preservative Codes**  
 H = HCl      T = Thiosulfate  
 N = HNO<sub>3</sub>    B = NaOH  
 S = H<sub>2</sub>SO<sub>4</sub>   O = Other

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

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air
<u>QA</u>	<u>9-11-08</u>	<u>0828</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>		
<u>MW-5</u>	<u>9-11-08</u>	<u>1020</u>				<input checked="" type="checkbox"/>		
<u>MW-6</u>	<u>9-11-08</u>	<u>0930</u>				<input checked="" type="checkbox"/>		
<u>MW-7</u>	<u>9-11-08</u>	<u>0735</u>				<input checked="" type="checkbox"/>		
<u>MW-10</u>	<u>9-11-08</u>	<u>0735</u>				<input checked="" type="checkbox"/>		

**Comments / Remarks**

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

Relinquished by: <u>[Signature]</u>	Date: <u>9-11-08</u>	Time: <u>1200</u>	Received by: <u>[Signature]</u>	Date: <u>11 SEP 08</u>	Time: <u>1200</u>
Relinquished by: <u>[Signature]</u>	Date: <u>11 SEP 08</u>	Time: <u>1630</u>	Received by: <u>[Signature]</u>	Date: _____	Time: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____
Relinquished by Commercial Carrier: UPS      FedEx      Other: <u>[Signature]</u>	Temperature Upon Receipt: <u>0.8-4.1</u> °C		Received by: <u>[Signature]</u>	Date: <u>11 SEP 08</u>	Time: <u>0200</u>
Custody/Seals Intact?			Yes	<input checked="" type="checkbox"/>	No

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



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-658-2300 Fax: 717-658-2681 • www.lancasterlabs.com

ANALYTICAL RESULTS

RECEIVED

Prepared for:

SEP 23 2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

925-842-8582

Prepared by:

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

## SAMPLE GROUP

The sample group for this submittal is 1109757. Samples arrived at the laboratory on Friday, September 12, 2008. The PO# for this group is 0015025028 and the release number is COSTA.

### Client Description

QA-T-080911 NA Water  
MW-5-W-080911 Grab Water  
MW-6-W-080911 Grab Water  
MW-7-W-080911 Grab Water  
MW-10-W-080911 Grab Water

### Lancaster Labs Number

5466622  
5466623  
5466624  
5466625  
5466626

ELECTRONIC COPY TO CRA c/o Gettler-Ryan

Attn: Cheryl Hansen



## **Analysis Report**

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

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

Respectfully Submitted,

A handwritten signature in cursive script that reads "Dorothy M. Love".

**Dorothy M. Love**  
**Group Leader**



# Analysis Report

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

Page 1 of 1

Lancaster Laboratories Sample No. **WW5466622**

Group No. **1109757**

QA-T-080911 NA Water  
Facility# 91153 Job# 386423 GRD  
3135 Gibbons-Alameda T0600100330 QA  
Collected: 09/11/2008

Account Number: 10904

Submitted: 09/12/2008 09:40  
Reported: 09/22/2008 at 16:25  
Discard: 10/23/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

1153Q

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

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/18/2008	16:55	Tyler O Griffin	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/18/2008	03:39	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/18/2008	16:55	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2008	03:39	Michael A Ziegler	1

Lancaster Laboratories Sample No. WW5466623

Group No. 1109757

MW-5-W-080911 Grab Water

Facility# 91153 Job# 386423 GRD

3135 Gibbons-Alameda T0600100330 MW-5

Collected: 09/11/2008 08:28 by JA

Account Number: 10904

Submitted: 09/12/2008 09:40

Reported: 09/22/2008 at 16:25

Discard: 10/23/2008

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

11535

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

State of California Lab Certification No. 2116

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

### Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/18/2008 21:32	Tyler O Griffin	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/18/2008 04:03	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/18/2008 21:32	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2008 04:03	Michael A Ziegler	1



# Analysis Report

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

Lancaster Laboratories Sample No. WW5466624

Group No. 1109757

MW-6-W-080911 Grab Water  
Facility# 91153 Job# 386423 GRD  
3135 Gibbons-Alameda T0600100330 MW-6  
Collected: 09/11/2008 10:20 by JA

Account Number: 10904

Submitted: 09/12/2008 09:40  
Reported: 09/22/2008 at 16:25  
Discard: 10/23/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

11536

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

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/18/2008	22:00	Tyler O Griffin	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/18/2008	04:27	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/18/2008	22:00	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2008	04:27	Michael A Ziegler	1





# Analysis Report

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Lancaster Laboratories Sample No. WW5466625

Group No. 1109757

MW-7-W-080911 Grab Water

Facility# 91153 Job# 386423 GRD

3135 Gibbons-Alameda T0600100330 MW-7

Collected: 09/11/2008 09:30 by JA

Account Number: 10904

Submitted: 09/12/2008 09:40

Reported: 09/22/2008 at 16:25

Discard: 10/23/2008

Chevron

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

11537

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method Detection Limit	Units	
01728	TPH-GRO - Waters	n.a.	5,100	250	ug/l	5
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.7	0.5	ug/l	1
05401	Benzene	71-43-2	530	5	ug/l	10
05407	Toluene	108-88-3	4	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	47	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	12	0.5	ug/l	1

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/19/2008	09:11	Tyler O Griffin	5
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/18/2008	04:52	Michael A Ziegler	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/18/2008	05:16	Michael A Ziegler	10
01146	GC VOA Water Prep	SW-846 5030B	1	09/19/2008	09:11	Tyler O Griffin	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2008	04:52	Michael A Ziegler	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	09/18/2008	05:16	Michael A Ziegler	10



# Analysis Report

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Lancaster Laboratories Sample No. WW5466626

Group No. 1109757

MW-10-W-080911 Grab Water  
Facility# 91153 Job# 386423 GRD  
3135 Gibbons-Alameda T0600100330 MW-10  
Collected: 09/11/2008 07:35 by JA

Account Number: 10904

Submitted: 09/12/2008 09:40  
Reported: 09/22/2008 at 16:25  
Discard: 10/23/2008

Chevron  
6001 Bollinger Canyon Rd L4310  
San Ramon CA 94583

15310

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

State of California Lab Certification No. 2116

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

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis			Dilution Factor
			Trial#	Date and Time	Analyst	
01728	TPH-GRO - Waters	SW-846 8015B modified	1	09/18/2008 22:56	Tyler O Griffin	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	09/18/2008 05:41	Michael A Ziegler	1
01146	GC VOA Water Prep	SW-846 5030B	1	09/18/2008 22:56	Tyler O Griffin	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	09/18/2008 05:41	Michael A Ziegler	1

## Quality Control Summary

Client Name: Chevron

Group Number: 1109757

Reported: 09/22/08 at 04:25 PM

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: 08262A15A TPH-GRO - Waters	Sample number(s): 5466622-5466626 N.D.	50.	ug/l	109	100	75-135	9	30
Batch number: Z082614AA Methyl Tertiary Butyl Ether	Sample number(s): 5466622-5466626 N.D.	0.5	ug/l	92		73-119		
Benzene	N.D.	0.5	ug/l	92		78-119		
Toluene	N.D.	0.5	ug/l	93		85-115		
Ethylbenzene	N.D.	0.5	ug/l	95		82-119		
Xylene (Total)	N.D.	0.5	ug/l	95		83-113		

### Sample Matrix Quality Control

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 08262A15A TPH-GRO - Waters	Sample number(s): 5466622-5466626 83		63-154			UNSPK: P469632			
Batch number: Z082614AA Methyl Tertiary Butyl Ether	Sample number(s): 5466622-5466626 91	91	69-127	0	30	UNSPK: P466617			
Benzene	96	96	83-128	1	30				
Toluene	96	97	83-127	2	30				
Ethylbenzene	100	103	82-129	3	30				
Xylene (Total)	95	97	82-130	2	30				

### Surrogate Quality Control

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

Analysis Name: TPH-GRO - Waters  
Batch number: 08262A15A  
Trifluorotoluene-F

5466622	66
5466623	70
5466624	68
5466625	98
5466626	70

\*- 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  
Reported: 09/22/08 at 04:25 PM

Group Number: 1109757

### Surrogate Quality Control

Blank 66  
LCS 70  
LCSD 70  
MS 75

Limits: 63-135

Analysis Name: BTEX+MTBE by 8260B  
Batch number: Z082614AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5466622	91	85	88	86
5466623	92	85	88	88
5466624	91	84	88	88
5466625	91	84	89	89
5466626	90	84	88	86
Blank	90	83	88	86
LCS	92	86	89	88
MS	92	86	89	88
MSD	92	87	89	89
Limits:	80-116	77-113	80-113	78-113

\*- Outside of specification

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

## Lancaster Laboratories Explanation of Symbols and Abbreviations

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

<b>N.D.</b>	none detected	<b>BMQL</b>	Below Minimum Quantitation Level
<b>TNTC</b>	Too Numerous To Count	<b>MPN</b>	Most Probable Number
<b>IU</b>	International Units	<b>CP Units</b>	cobalt-chloroplatinate units
<b>umhos/cm</b>	micromhos/cm	<b>NTU</b>	nephelometric turbidity units
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>Cal</b>	(diet) calories	<b>lb.</b>	pound(s)
<b>meq</b>	milliequivalents	<b>kg</b>	kilogram(s)
<b>g</b>	gram(s)	<b>mg</b>	milligram(s)
<b>ug</b>	microgram(s)	<b>l</b>	liter(s)
<b>ml</b>	milliliter(s)	<b>ul</b>	microliter(s)
<b>m3</b>	cubic meter(s)	<b>fib &gt;5 um/ml</b>	fibers greater than 5 microns in length per ml
<b>&lt;</b>	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.		
<b>&gt;</b>	greater than		
<b>ppm</b>	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.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

U.S. EPA data qualifiers:

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

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

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

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