



**CONESTOGA-ROVERS  
& ASSOCIATES**

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

**TRANSMITTAL**

DATE: April 8, 2011 REFERENCE NO.: 240933  
PROJECT NAME: 15275 Washington Avenue, San Leandro

TO: Jerry Wickham  
Alameda County Environmental Health  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**RECEIVED**  
4:10 pm, Apr 13, 2011  
Alameda County  
Environmental Health

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 Prints

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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report - First Quarter 2011

As Requested  For Review and Comment  
 For Your Use  \_\_\_\_\_  
 \_\_\_\_\_

**COMMENTS:**  
If you have any questions regarding the contents of this document, please call Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown, Shell Oil Products US (electronic copy)  
Frank Salel, Salel Enterprises, P.O. Box 5099, Oakland, CA 94605  
Mike Bakaldin, City of San Leandro, 835 East 14th Street, San Leandro, CA 94577  
Johnny Vierra, Big O Tire, 2201 Washington Avenue, San Leandro, CA 94577

Completed by: Peter Schaefer Signed: *Peter Schaefer*

Filing: Correspondence File



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

**Denis L. Brown**  
**Shell Oil Products US**  
HSE – Environmental Services  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039  
Tel (707) 865 0251  
Fax (707) 865 2542  
Email [denis.l.brown@shell.com](mailto:denis.l.brown@shell.com)

Re: Former Shell Service Station  
15275 Washington Avenue  
San Leandro, California  
SAP Code 129460  
Incident No. 97093412  
ACEH No. RO0000372

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

A handwritten signature in black ink that reads "Denis L. Brown". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Denis L. Brown  
Senior Program Manager



## **GROUNDWATER MONITORING REPORT - FIRST QUARTER 2011**

**FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA**

**SAP CODE           129460  
INCIDENT NO.    97093412  
AGENCY NO.      RO0000372**

**APRIL 8, 2011  
REF. NO. 240933 (1)**  
This report is printed on recycled paper.

**Prepared by:  
Conestoga-Rovers  
& Associates**

5900 Hollis Street, Suite A  
Emeryville, California  
U.S.A. 94608

Office: (510) 420-0700  
Fax: (510) 420-9170

web: <http://www.CRAworld.com>

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION.....	1
1.1 SITE INFORMATION .....	1
2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION.....	1
2.1 CURRENT QUARTER'S ACTIVITIES.....	1
2.2 CURRENT QUARTER'S FINDINGS .....	2
2.3 PROPOSED ACTIVITIES.....	2

LIST OF FIGURES  
(Following Text)

- FIGURE 1 VICINITY MAP
- FIGURE 2 GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP

LIST OF TABLES  
(Following Text)

- TABLE 1 GROUNDWATER DATA

LIST OF APPENDICES

- APPENDIX A BLAINE TECH SERVICES, INC. - FIELD NOTES
- APPENDIX B TEST AMERICA - LABORATORY REPORT
- APPENDIX C BROADBENT & ASSOCIATES, INC. - DATA TABLE FOR ARCO  
SERVICE STATION No. 0601

## 1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell).

### 1.1 SITE INFORMATION

Site Address	15275 Washington Avenue, San Leandro
Site Use	Former Shell Service Station
Shell Project Manager	Denis Brown
CRA Project Manager	Peter Schaefer
Lead Agency and Contact	ACEH, Jerry Wickham
Agency Case No.	RO0000372
Shell SAP Code	129460
Shell Incident No.	97093412

Date of most recent agency correspondence was March 29, 2011 (electronic correspondence).

## 2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

### 2.1 CURRENT QUARTER'S ACTIVITIES

Blaine Tech Services, Inc. (Blaine) gauged and sampled the wells according to the established monitoring program for this site. Blaine coordinated groundwater sampling with the adjacent Arco Service Station No. 0601 located at 712 Lewelling Boulevard, San Leandro.

CRA prepared a vicinity map (Figure 1), a groundwater contour and chemical concentration map (Figure 2) including data from both sites, and a groundwater data table (Table 1). Blaine's field notes are presented in Appendix A, and the laboratory report is presented in Appendix B. The data table for the Arco Service Station is included in Appendix C.

On December 17, 2010, Delta Consultants submitted a *Third Quarter 2010 Soil Vapor Investigation Report* and on December 22, 2010, they submitted an *Updated Site Conceptual Model*.

## 2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Generally Southwesterly
Hydraulic Gradient	Variable
Depth to Water	5.39 to 6.68 feet below top of well casing

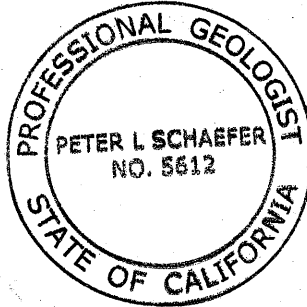
## 2.3 PROPOSED ACTIVITIES

Blaine will gauge and sample wells according to the established monitoring program for this site. This site is monitored semiannually during the first and third quarters, and CRA will issue groundwater monitoring reports semiannually following the sampling events.

Alameda County Environmental Health's (ACEH's) January 3, 2011 letter requested an evaluation of potential human health risks by March 30, 2011. ACEH's March 29, 2011 electronic correspondence granted an extension of the deadline for the risk assessment to April 29, 2011. CRA will submit an evaluation of potential human health risks by April 29, 2011.

All of Which is Respectfully Submitted,  
CONESTOGA-ROVERS & ASSOCIATES

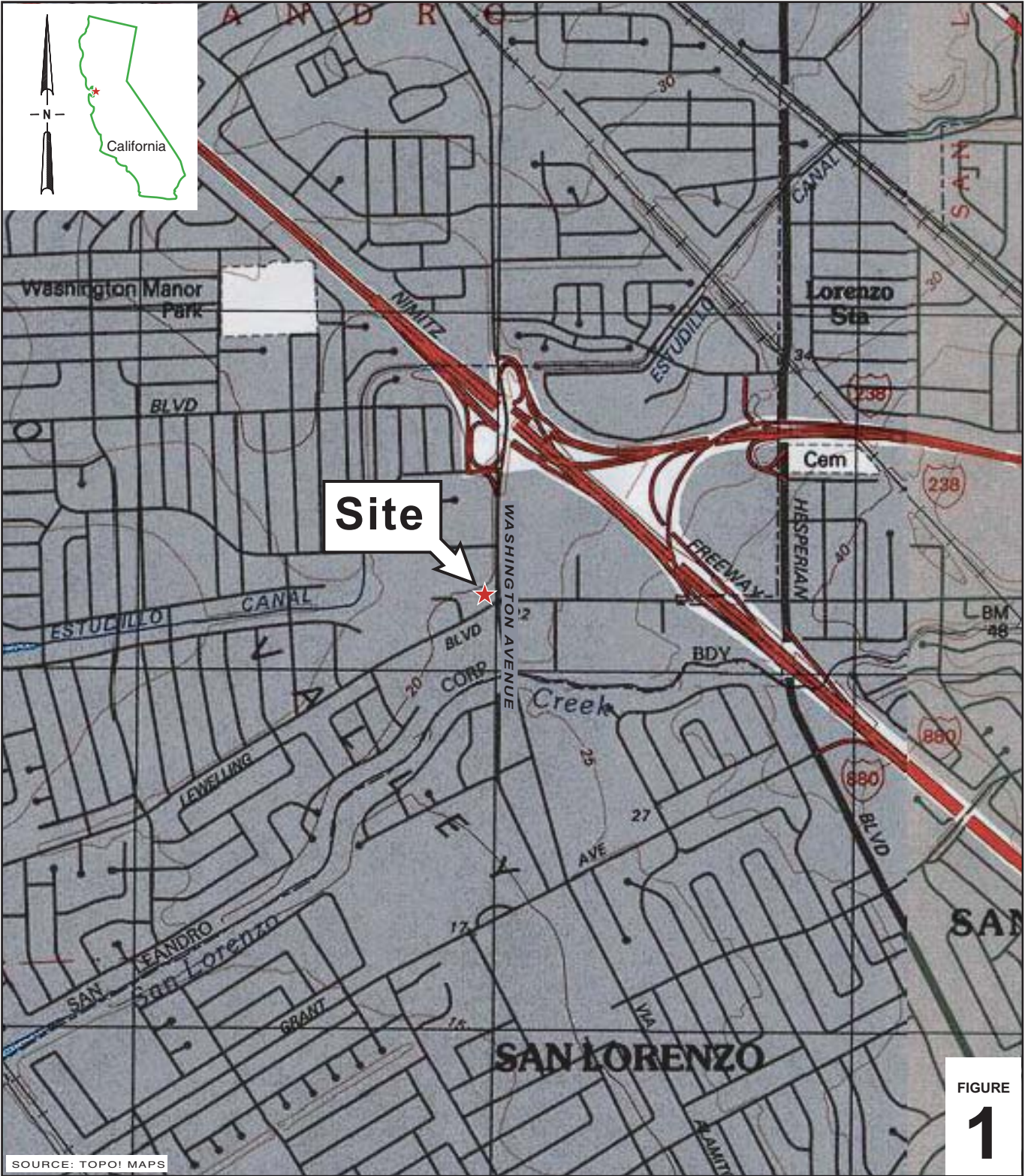
*Peter Schaefer*  
Peter Schaefer, CHG, CEG



*Eric Dwyer for*  
Aubrey K. Cool, PG



## FIGURES



I:\Shell\6-chars\2409--1240933-San Leandro 15275 Washington\240933-FIGURES\240738 VICINITY (F1).AI

### Former Shell Service Station

15275 Washington Avenue  
San Leandro, California







**CONESTOGA-ROVERS  
& ASSOCIATES**

### Vicinity Map

**EXPLANATION**

- S-3 ● Monitoring well location (Shell)
- S-1 ◈ Monitoring well modified for soil vapor extraction (Shell)
- SV-1 ◈ Soil vapor extraction well location (Shell)
- MW-1 ■ Monitoring well location (Arco)
- RW-1 ◈ Soil vapor extraction well location (Arco)

 Groundwater elevation contour, in feet above mean sea level (msl)  
 Well designation  
 Groundwater elevation, in feet above msl  
 Benzene concentrations are in micrograms per liter

**Notes:**  
 NA = Not available; Arco wells gauged and sampled February 18, 2011  
 ND = Not detected  
 NDa = Elevated reporting limit; see laboratory report for details  
 NS = Not sampled  
 ^ = Arco wells sampled February 18, 2011

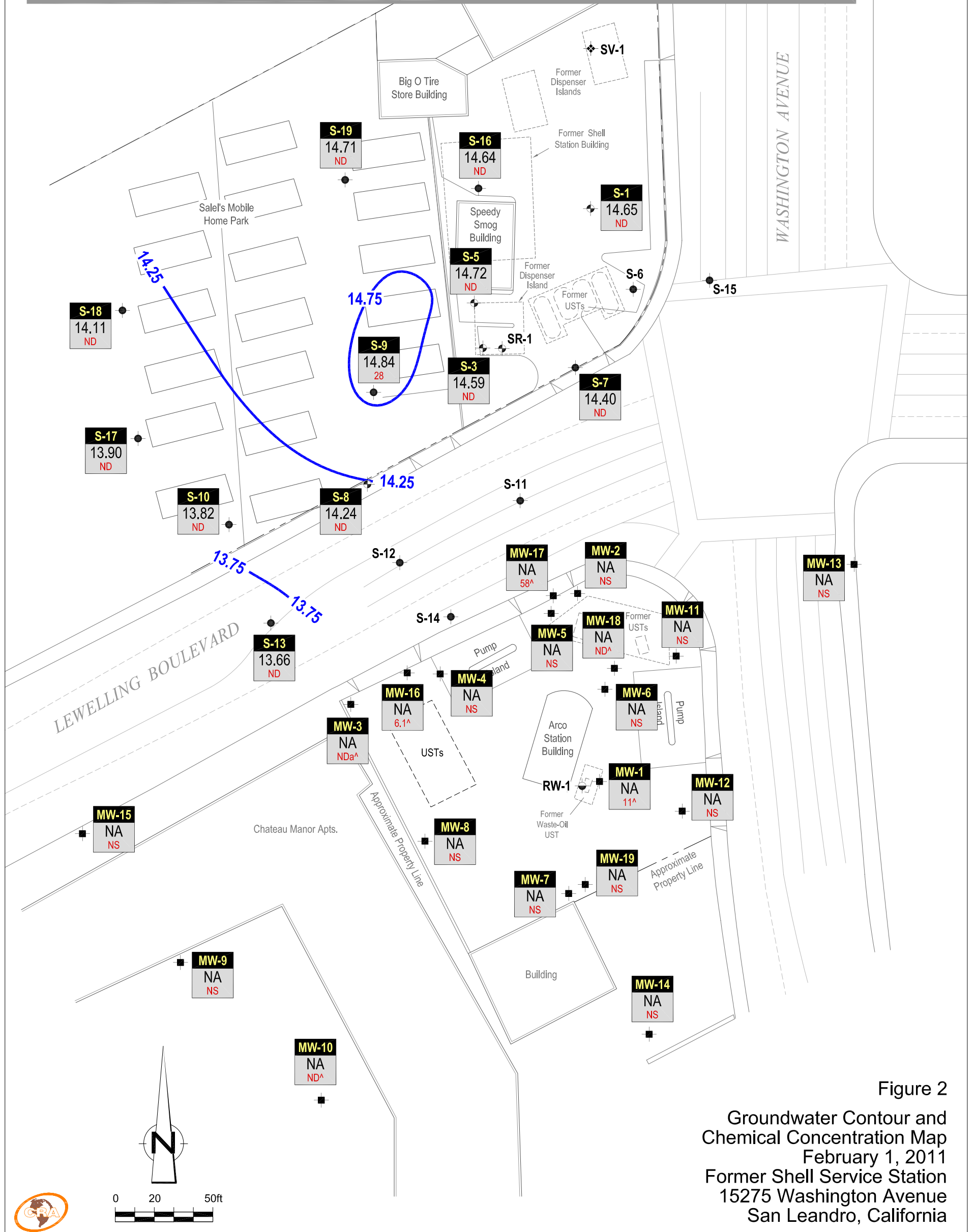


Figure 2  
 Groundwater Contour and  
 Chemical Concentration Map  
 February 1, 2011  
 Former Shell Service Station  
 15275 Washington Avenue  
 San Leandro, California

## TABLES

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-1	7/8/1985	520	--	--	--	--	--	--	21.55	--	--	--	--
S-1	9/6/1988	<50	<0.5	<1	<1	<0.3	--	--	21.55	--	--	--	--
S-1	11/16/1988	<50	<0.5	<1	<1	<0.3	--	--	21.55	8.01	13.54	--	--
S-1	2/27/1989	<50	0.5	<1	<1	<0.3	--	--	21.55	--	--	--	--
S-1	5/4/1989	<50	1.0	<1	<1	<0.3	--	--	21.55	--	--	--	--
S-1	8/10/1989	<50	0.7	<1	<1	<0.3	--	--	21.55	7.93	13.62	--	--
S-1	10/10/1989	<50	<0.5	<1	<1	<0.3	--	--	21.55	8.09	13.46	--	--
S-1	1/25/1990	<50	<0.5	<0.5	<0.5	<1	--	--	21.55	7.73	13.82	--	--
S-1	4/18/1990	<50	<0.5	<0.5	<0.5	<1	--	--	21.55	7.91	13.64	--	--
S-1	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.55	7.72	13.83	--	--
S-1	10/18/1990	80	5	<0.5	<0.5	3.0	--	--	21.55	8.55	13.00	--	--
S-1	1/28/1991	<50	4.5	<0.5	<0.5	2.0	--	--	21.55	8.52	13.03	--	--
S-1	4/25/1991	80a	3.7	<0.5	0.7	2.0	--	--	21.55	7.18	14.37	--	--
S-1	7/9/1991	200	16	<0.5	1.3	5.8	--	--	21.55	8.22	13.33	--	--
S-1	10/8/1991	<50	2.3	<0.5	<0.5	<0.5	--	--	21.55	8.70	12.85	--	--
S-1	2/5/1992	160	8.9	<0.5	2.1	6.0	--	--	21.55	8.14	13.41	--	--
S-1	4/28/1992	<50	2.4	<0.5	<0.5	0.9	--	--	21.55	7.52	14.03	--	--
S-1	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.55	8.28	13.27	--	--
S-1	10/26/1992	57	3.0	1.6	1.4	1.7	--	--	21.55	8.74	12.81	--	--
S-1	1/14/1993	490	53	1.2	20	33	--	--	21.55	5.91	15.64	--	--
S-1	4/16/1993	240	20	<0.5	15	240	--	--	21.55	6.66	14.89	--	--
S-1	7/23/1993	<50	0.5	<0.5	<0.5	<0.5	--	--	21.55	7.53	14.02	--	--
S-1	10/27/1993	60	5.9	<0.5	2.5	1.7	--	--	21.55	8.20	13.35	--	--
S-1	1/27/1994	<50	2.1	<0.5	<0.5	0.63	--	--	21.55	7.26	14.29	--	--
S-1	5/5/1994	57	3.9	<0.5	1.9	1.9	--	--	21.27	7.38	13.89	--	--
S-1	7/26/1994	<50	2.2	<0.3	<0.3	<0.6	--	--	21.27	7.86	13.41	--	--
S-1	10/28/1994	<50	0.8	<0.3	<0.3	0.8	--	--	21.27	7.86	13.41	--	--
S-1	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.27	6.85	14.42	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-1	4/14/1995	---	---	---	---	---	---	---	21.27	6.08	15.19	---	---
S-1	7/28/1995	60	2.2	<0.5	1.3	1.2	---	---	21.27	6.79	14.48	---	---
S-1	10/17/1995	60	2.6	<0.5	1.2	1.3	---	---	21.27	7.04	14.23	---	---
S-1	1/11/1996	<50	2.0	<0.5	<0.5	<0.5	<2	---	21.27	6.40	14.87	---	---
S-1	4/2/1996	---	---	---	---	---	---	---	21.27	5.84	15.43	---	---
S-1	7/9/1996	---	---	---	---	---	---	---	21.27	6.50	14.77	---	---
S-1	10/10/1996	---	---	---	---	---	---	---	21.27	7.31	13.96	---	---
S-1	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	6.7	---	21.27	5.50	15.77	---	---
S-1	4/8/1997	---	---	---	---	---	---	---	21.27	7.03	14.24	---	---
S-1	7/21/1997	---	---	---	---	---	---	---	21.27	7.00	14.27	---	---
S-1	10/8/1997	---	---	---	---	---	---	---	21.27	7.51	13.76	---	---
S-1	1/15/1998	420	16	<0.50	4.6	3.9	26	---	21.27	5.43	15.84	---	---
S-1	4/14/1998	---	---	---	---	---	---	---	21.27	5.55	15.72	---	---
S-1	7/14/1998	---	---	---	---	---	---	---	21.33	6.38	14.95	---	---
S-1	10/20/1998	---	---	---	---	---	---	---	21.33	7.48	13.85	---	---
S-1	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2.53	---	21.33	6.37	14.96	---	---
S-1	4/8/1999	---	---	---	---	---	---	---	21.33	5.93	15.40	---	---
S-1	7/23/1999	---	---	---	---	---	---	---	21.33	7.20	14.13	---	---
S-1	10/26/1999	---	---	---	---	---	---	---	21.33	7.61	13.72	---	---
S-1	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	4.73	---	21.33	7.76	13.57	---	---
S-1	4/14/2000	---	---	---	---	---	---	---	21.33	6.35	14.98	---	---
S-1	7/12/2000	---	---	---	---	---	---	---	21.33	7.05	14.28	---	---
S-1	11/1/2000	---	---	---	---	---	---	---	21.33	6.51	14.82	---	---
S-1	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	21.33	7.49	13.84	---	---
S-1	4/24/2001	---	---	---	---	---	---	---	21.33	6.85	14.48	---	---
S-1	7/2/2001	---	---	---	---	---	---	---	21.33	7.65	13.68	---	---
S-1	11/2/2001	---	---	---	---	---	---	---	21.33	7.84	13.49	---	---
S-1	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.33	6.16	15.17	---	---

TABLE 1

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-1	4/1/2002	--	--	--	--	--	--	--	21.33	6.57	14.76	--	--
S-1	7/11/2002	--	--	--	--	--	--	--	21.33	7.52	13.81	--	--
S-1	10/28/2002	--	--	--	--	--	--	--	21.33	7.99	13.34	--	--
S-1	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	--	5.6	21.33	6.46	14.87	--	--
S-1	4/30/2003	--	--	--	--	--	--	--	21.33	6.18	15.15	--	--
S-1	7/1/2003	--	--	--	--	--	--	--	21.33	7.38	13.95	--	--
S-1	10/8/2003	--	--	--	--	--	--	--	21.33	7.87	13.46	--	--
S-1	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.33	6.90	14.43	--	--
S-1	7/13/2004	--	--	--	--	--	--	--	21.33	7.83	13.50	--	--
S-1	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.33	5.68	15.65	--	--
S-1	7/19/2005	--	--	--	--	--	--	--	21.33	6.35	14.98	--	--
S-1	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	21.33	6.05	15.28	--	--
S-1	7/25/2006	--	--	--	--	--	--	--	21.33	7.12	14.21	--	--
S-1	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.33	6.75	14.58	--	--
S-1	7/24/2007	--	--	--	--	--	--	--	21.33	7.73	13.60	--	--
S-1	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	--	--	21.33	6.10	15.23	--	--
S-1	8/4/2008	--	--	--	--	--	--	--	21.33	7.76	13.57	--	--
S-1	1/8/2009	<50	0.57	<1.0	<1.0	<1.0	--	--	21.33	7.28	14.05	--	--
S-1	7/21/2009	--	--	--	--	--	--	--	21.33	7.89	13.44	--	--
S-1	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	--	--	21.33	6.98	14.35	--	--
S-1	7/22/2010	--	--	--	--	--	--	--	21.33	7.47	13.86	--	--
S-1	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.33	6.68	14.65	--	--
S-3	9/6/1988	96000	3400	9500	2700	17000	--	--	21.14	--	--	--	--
S-3	11/16/1988	70000	4600	8400	2500	13000	--	--	21.14	7.76	13.38	--	--
S-3	2/27/1989	32000	2400	3100	1500	6400	--	--	21.14	--	--	--	--
S-3	5/4/1989	47000	4400	300	2400	15000	--	--	21.14	--	--	--	--
S-3	8/10/1989	110000	5700	5700	3200	19000	--	--	21.14	7.92	13.22	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-3	10/10/1989	52000	4600	3300	2600	15000	---	---	21.14	8.00	13.14	---	---
S-3	1/25/1990	420000	5200	4100	6700	34000	---	---	21.14	7.54	13.60	---	---
S-3	4/18/1990	58000	3800	1400	2400	12000	---	---	21.14	7.74	13.40	---	---
S-3	7/23/1990	49000	3400	1800	2300	12000	---	---	21.14	7.55	13.59	---	---
S-3	10/18/1990	44000	3500	650	2400	11000	---	---	21.14	8.47	12.67	---	---
S-3	1/28/1991	64000	40900	570	1940	8090	---	---	21.14	8.38	12.76	---	---
S-3	4/25/1991	120000	3900	3600	2400	8900	---	---	21.14	6.91	14.23	---	---
S-3	7/9/1991	50000	3600	2300	1800	10000	---	---	21.14	8.07	13.07	---	---
S-3	10/8/1991	130000	3600	1000	2800	8400	---	---	21.14	8.61	12.53	---	---
S-3	2/5/1992	150000	2500	670	2700	10000	---	---	21.14	7.80	13.34	---	---
S-3	4/28/1992	120000	2200	1200	2000	5800	---	---	21.14	7.27	13.87	---	---
S-3	7/27/1992	190000	1400	<1250	<1250	3400	---	---	21.14	8.10	13.04	---	---
S-3	10/26/1992	950000	2000	8400	16000	36000	---	---	21.14	8.62	12.52	---	---
S-3	1/14/1993	41000	2700	2500	1800	6900	---	---	21.14	5.16	15.98	---	---
S-3	4/16/1993	40000	930	2800	1900	14000	---	---	21.14	7.18	13.96	---	---
S-3	7/23/1993	87000	1600	<5	1300	4000	---	---	21.14	7.34	13.80	---	---
S-3	10/27/1993	36000	2200	<500	1500	3200	---	---	21.14	8.03	13.11	---	---
S-3	1/27/1994	190000	3200	3100	4100	15000	---	---	21.14	6.79	14.35	---	---
S-3	5/5/1994	36000	1100	490	1600	4700	---	---	20.48	6.75	13.73	---	---
S-3	7/26/1994	18000	1039	170.5	845.4	967.5	---	---	20.48	7.30	13.18	---	---
S-3	10/28/1994	25869	467.9	294	546.2	343.3	---	---	20.48	8.36	12.12	---	---
S-3	1/2/1995	23000	850	260	900	2100	---	---	20.48	6.36	14.12	---	---
S-3	4/14/1995	33000	720	670	1600	6600	---	---	20.48	5.87	14.61	---	---
S-3	7/28/1995	12000	540	<10	580	780	---	---	20.48	6.33	14.15	---	---
S-3	10/17/1995	Well inaccessible		---	---	---	---	---	20.48	6.48	14.00	---	---
S-3	1/11/1996	16000	520	290	740	2600	<200	---	20.48	5.80	14.68	---	---
S-3	4/2/1996	---	---	---	---	---	---	---	20.48	5.00	15.48	---	---
S-3	7/9/1996	---	---	---	---	---	---	---	20.48	5.93	14.55	---	---



TABLE 1

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-3	10/10/1996	---	---	---	---	---	---	---	20.48	6.73	13.75	---	---
S-3	1/9/1997	30000	420	330	1500	6300	<500	---	20.48	4.72	15.76	---	---
S-3	4/8/1997	---	---	---	---	---	---	---	20.48	6.63	13.85	---	---
S-3	7/21/1997	---	---	---	---	---	---	---	20.48	6.18	14.30	---	---
S-3	10/8/1997	---	---	---	---	---	---	---	20.48	6.83	13.65	---	---
S-3	1/15/1998	21000	300	51	770	2800	<100	---	20.48	4.30	16.18	---	---
S-3 (D)	1/15/1998	14000	330	63	920	3400	<250	---	20.48	---	---	---	---
S-3	4/14/1998	---	---	---	---	---	---	---	20.48	4.37	16.11	---	---
S-3	7/14/1998	---	---	---	---	---	---	---	20.48	5.47	15.01	---	---
S-3	10/20/1998	Well inaccessible		---	---	---	---	---	20.48	---	---	---	---
S-3	1/22/1999	40000	313	194	2200	8800	<40.0	---	20.48	5.71	14.77	---	---
S-3	4/8/1999	---	---	---	---	---	---	---	20.48	4.95	15.53	---	---
S-3	7/23/1999	---	---	---	---	---	---	---	20.48	6.78	13.70	---	---
S-3	10/26/1999	---	---	---	---	---	---	---	20.48	7.25	13.23	---	---
S-3	1/3/2000	39700	150	61.8	1690	7720	445	---	20.48	7.46	13.02	---	---
S-3	4/14/2000	---	---	---	---	---	---	---	20.48	5.64	14.84	---	---
S-3	7/12/2000	Well inaccessible		---	---	---	---	---	20.48	---	---	---	---
S-3	11/1/2000	---	---	---	---	---	---	---	20.48	6.72	13.76	---	---
S-3	1/3/2001	25000	89.0	<50.0	1270	5180	<250	---	20.48	7.14	13.34	---	---
S-3	4/24/2001	Well inaccessible		---	---	---	---	---	20.48	---	---	---	---
S-3	7/2/2001	---	---	---	---	---	---	---	20.48	7.28	13.20	---	3.2
S-3	11/2/2001	---	---	---	---	---	---	---	20.48	7.64	12.84	---	3.5
S-3	1/16/2002	Well inaccessible		---	---	---	---	---	20.48	---	---	---	---
S-3	4/1/2002	---	---	---	---	---	---	---	20.48	5.99	14.49	---	3.8
S-3	7/11/2002	---	---	---	---	---	---	---	20.48	7.21	13.27	---	0.7
S-3	10/28/2002	---	---	---	---	---	---	---	20.85	7.90	12.95	---	e
S-3	1/23/2003	28000	60	13	970	3700	---	<50	20.85	6.00	14.85	---	0.3
S-3	4/30/2003	---	---	---	---	---	---	---	20.85	5.34	15.51	---	1.0

TABLE 1

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-3	7/1/2003	---	---	---	---	---	---	---	20.85	7.28	13.57	---	1.0
S-3	10/8/2003	---	---	---	---	---	---	---	20.85	7.63	13.22	---	26.9
S-3	1/22/2004	3200	5.7	<2.5	16	320	---	---	20.85	6.53	14.32	---	0.5
S-3	7/13/2004	Well inaccessible		---	---	---	---	---	20.85	---	---	---	---
S-3	7/21/2004	3100	4.1	<2.5	10	130	---	---	20.85	7.64	13.21	---	2.2
S-3	1/20/2005	93	<0.50	<0.50	1.3	1.8	---	---	20.85	5.78	15.07	---	0.8
S-3	7/19/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.85	6.35	14.50	---	---
S-3	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.85	5.55	15.30	---	---
S-3	7/25/2006	100	<1.00	<1.00	<1.00	<3.00	---	---	20.85	7.09	13.76	---	---
S-3	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.85	6.53	14.32	---	---
S-3	7/24/2007	590 g,h	0.99	<1.0	0.25 i	0.99 i	---	---	20.85	7.44	13.41	---	---
S-3	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.85	5.41	15.44	---	---
S-3	8/4/2008	76	<0.50	<1.0	<1.0	<1.0	---	---	20.85	6.62	14.23	---	---
S-3	1/8/2009	260	<0.50	<1.0	<1.0	<1.0	---	---	20.85	6.87	13.98	---	---
S-3	7/21/2009	90	<0.50	<1.0	<1.0	<1.0	---	---	20.85	7.64	13.21	---	---
S-3	07/21/2009 *	150	<0.50	<1.0	<1.0	<1.0	---	---	20.85	7.64	13.21	---	---
S-3	01/12/2010 *	130	0.83	<1.0	<1.0	<1.0	---	---	20.85	6.63	14.22	---	---
S-3	7/22/2010	81	<0.50	<1.0	<1.0	<1.0	---	---	20.85	7.29	13.56	---	---
S-3	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.85	6.26	14.59	---	---
S-5	1/8/1987	7800	380	510	---	1000	---	---	21.41	---	---	---	---
S-5	9/6/1988	7000	2600	60	400	700	---	---	21.41	---	---	---	---
S-5	11/16/1988	3000	660	60	120	220	---	---	21.41	---	---	---	---
S-5	2/27/1989	5700	2000	220	260	320	---	---	21.41	---	---	---	---
S-5	5/4/1989	9000	3000	600	630	1700	---	---	21.41	---	---	---	---
S-5	8/10/1989	5100	1100	<50	270	400	---	---	21.41	8.28	13.13	---	---
S-5	10/10/1989	15000	3300	160	830	2200	---	---	21.41	8.32	13.09	---	---
S-5	1/25/1990	12000	2400	360	570	1400	---	---	21.41	8.20	13.21	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPH-g (ug/L)</i>	<i>B (ug/L)</i>	<i>T (ug/L)</i>	<i>E (ug/L)</i>	<i>X (ug/L)</i>	<i>MTBE 8020 (ug/L)</i>	<i>MTBE 8260 (ug/L)</i>	<i>TOC (MSL)</i>	<i>Depth to Water (ft.)</i>	<i>GW Elevation (MSL)</i>	<i>SPH Thickness (ft.)</i>	<i>DO Reading (ppm)</i>
S-5	4/18/1990	5200	1100	40	300	460	---	---	21.41	8.32	13.09	---	---
S-5	7/23/1990	5500	1300	140	320	730	---	---	21.41	8.03	13.38	---	---
S-5	10/18/1990	12000	3200	40	720	900	---	---	21.41	9.03	12.38	---	---
S-5	1/28/1991	2550	410	15	110	60	---	---	21.41	8.80	12.61	---	---
S-5	4/25/1991	67000	5100	3100	2800	11000	---	---	21.41	7.40	14.01	---	---
S-5	7/9/1991	4900	480	36	360	1000	---	---	21.41	8.52	12.89	---	---
S-5	10/8/1991	6600	370	7.0	190	380	---	---	21.41	9.00	12.41	---	---
S-5	2/5/1992	44000	4800	850	2700	8400	---	---	21.41	8.11	13.30	---	---
S-5	4/28/1992	33000	1400	320	1600	5200	---	---	21.41	7.70	13.71	---	---
S-5	7/27/1992	20000	2400	<25	1800	2300	---	---	21.41	8.52	12.89	---	---
S-5	10/26/1992	21000	1600	140	1500	2800	---	---	21.41	9.02	12.39	---	---
S-5	1/14/1993	54000	1900	1000	2700	16000	---	---	21.41	5.22	16.19	---	---
S-5	4/16/1993	42000	2000	1300	4300	18000	---	---	21.41	7.04	14.37	---	---
S-5	7/23/1993	46000	2500	2200	3400	11000	---	---	21.41	7.75	13.66	---	---
S-5	10/27/1993	6500	990	31	1100	1000	---	---	21.41	8.49	12.92	---	---
S-5	1/27/1994	34000	1800	580	2900	9700	---	---	21.41	7.04	14.37	---	---
S-5	5/5/1994	24000	670	70	1400	2700	---	---	21.03	7.20	13.83	---	---
S-5	7/27/1994	4700	193.6	33.1	332.3	281.2	---	---	21.03	7.72	13.31	---	---
S-5	10/28/1994	3200	167.3	18	238.7	104.5	---	---	21.03	7.82	13.21	---	---
S-5	1/2/1995	18000	1300	220	3400	10000	---	---	21.03	6.65	14.38	---	---
S-5	4/14/1995	---	---	---	---	---	---	---	21.03	5.99	15.04	---	---
S-5	7/28/1995	25000	440	74	1700	4500	---	---	21.03	6.77	14.26	---	---
S-5 (D)	7/28/1995	25000	450	<50	1700	4600	---	---	21.03	---	---	---	---
S-5	10/17/1995	18000	360	24	1300	2200	---	---	21.03	7.00	14.03	---	---
S-5	1/11/1996	41000	420	180	1600	9500	<200	---	21.03	6.22	14.81	---	---
S-5	4/2/1996	---	---	---	---	---	---	---	21.03	5.44	15.59	---	---
S-5	7/9/1996	---	---	---	---	---	---	---	21.03	6.41	14.62	---	---
S-5	10/10/1996	---	---	---	---	---	---	---	21.03	7.19	13.84	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-5	1/9/1997	38000	130	43	160	6200	<125	--	21.03	5.03	16.00	--	--
S-5 (D)	1/9/1997	36000	130	<50	160	5600	<250	--	21.03	--	--	--	--
S-5	4/8/1997	--	--	--	--	--	--	--	21.03	7.20	13.83	--	--
S-5	7/21/1997	--	--	--	--	--	--	--	21.03	6.82	14.21	--	--
S-5	10/8/1997	--	--	--	--	--	--	--	21.03	7.31	13.72	--	--
S-5	1/15/1998	49000	62	<50	93	4100	<250	--	21.03	4.58	16.45	--	--
S-5	4/14/1998	--	--	--	--	--	--	--	21.03	4.94	16.09	--	--
S-5	7/14/1998	--	--	--	--	--	--	--	21.27	5.36	15.91	--	--
S-5	10/20/1998	--	--	--	--	--	--	--	21.27	7.53	13.74	--	--
S-5	1/22/1999	2550	9.09	<0.500	1.93	112	4.40	--	21.27	6.35	14.92	--	--
S-5	4/8/1999	--	--	--	--	--	--	--	21.27	5.37	15.90	--	--
S-5	7/23/1999	--	--	--	--	--	--	--	21.27	6.43	14.84	--	--
S-5	10/26/1999	--	--	--	--	--	--	--	21.27	7.51	13.76	--	--
S-5	1/3/2000	3310	39.0	<10.0	293	21.7	<50.0	--	21.27	7.78	13.49	--	--
S-5	4/14/2000	--	--	--	--	--	--	--	21.27	6.15	15.12	--	--
S-5	7/12/2000	--	--	--	--	--	--	--	21.27	7.05	14.22	--	--
S-5	11/1/2000	--	--	--	--	--	--	--	21.27	6.00	15.27	--	--
S-5	1/3/2001	516	3.65	0.968	18.0	4.02	18.4	--	21.27	7.48	13.79	--	--
S-5	4/24/2001	--	--	--	--	--	--	--	21.27	6.58	14.69	--	--
S-5	7/2/2001	--	--	--	--	--	--	--	21.27	7.60	13.67	--	--
S-5	11/2/2001	--	--	--	--	--	--	--	21.27	7.94	13.33	--	--
S-5	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	21.27	5.88	15.39	--	--
S-5	4/1/2002	--	--	--	--	--	--	--	21.27	6.27	15.00	--	--
S-5	7/11/2002	--	--	--	--	--	--	--	21.27	7.53	13.74	--	--
S-5	10/28/2002	--	--	--	--	--	--	--	21.27	8.11	13.16	--	--
S-5	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	21.27	6.22	15.05	--	--
S-5	4/30/2003	--	--	--	--	--	--	--	21.27	5.48	15.79	--	--
S-5	7/1/2003	--	--	--	--	--	--	--	21.27	7.32	13.95	--	--

TABLE 1

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-5	10/8/2003	--	--	--	--	--	--	--	21.27	7.91	13.36	--	--
S-5	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.27	6.68	14.59	--	--
S-5	7/13/2004	--	--	--	--	--	--	--	21.27	8.17	13.10	--	--
S-5	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.27	5.30	15.97	--	--
S-5	7/19/2005	--	--	--	--	--	--	--	21.27	6.35	14.92	--	--
S-5	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	21.27	5.83	15.44	--	--
S-5	7/25/2006	--	--	--	--	--	--	--	21.27	7.35	13.92	--	--
S-5	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.27	6.82	14.45	--	--
S-5	7/24/2007	--	--	--	--	--	--	--	21.27	7.70	13.57	--	--
S-5	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	--	--	21.27	5.83	15.44	--	--
S-5	8/4/2008	--	--	--	--	--	--	--	21.27	8.04	13.23	--	--
S-5	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	--	--	21.27	7.21	14.06	--	--
S-5	7/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	--	21.27	8.03	13.24	--	--
S-5	07/21/2009 *	<50	<0.50	<1.0	<1.0	<1.0	--	--	21.27	8.03	13.24	--	--
S-5	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	--	--	21.27	7.13	14.14	--	--
S-5	7/22/2010	--	--	--	--	--	--	--	21.27	7.50	13.77	--	--
S-5	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.27	6.55	14.72	--	--
S-6	11/16/1988	50	0.7	<1	<1	<3	--	--	22.02	8.58	13.44	--	--
S-6	2/27/1989	<50	<0.5	<1	<1	<3	--	--	22.02	--	--	--	--
S-6	5/4/1989	<50	<0.5	<1	<1	<3	--	--	22.02	--	--	--	--
S-6	8/10/1989	<50	<0.5	<1	<1	<3	--	--	22.02	8.54	13.48	--	--
S-6	10/10/1989	<50	<0.5	<1	<1	<3	--	--	22.02	8.58	13.44	--	--
S-6	1/25/1990	<50	<0.5	<0.5	<0.5	<1	--	--	22.02	8.31	13.71	--	--
S-6	4/18/1990	<50	<0.5	0.6	<0.5	1.0	--	--	22.02	8.43	13.59	--	--
S-6	7/23/1990	<50	<0.5	0.9	<0.5	1.8	--	--	22.02	8.24	13.78	--	--
S-6	10/18/1990	<50	<0.5	0.7	<0.5	0.8	--	--	22.02	9.20	12.82	--	--
S-6	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	22.02	9.10	12.92	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-6	4/25/1991	<50	<0.5	<0.5	<0.5	0.7	---	---	22.02	7.74	14.28	---	---
S-6	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	8.81	13.21	---	---
S-6	10/8/1991	<50	0.7	<0.5	<0.5	<0.5	---	---	22.02	9.26	12.76	---	---
S-6	2/2/1992	---	---	---	---	---	---	---	22.02	8.47	13.55	---	---
S-6	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	7.91	14.11	---	---
S-6	7/27/1992	---	---	---	---	---	---	---	22.02	8.83	13.19	---	---
S-6	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	9.29	12.73	---	---
S-6	1/13/1994	---	---	---	---	---	---	---	22.02	9.43	12.59	---	---
S-6	4/16/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	7.12	14.90	---	---
S-6	7/23/1993	---	---	---	---	---	---	---	22.02	8.14	13.88	---	---
S-6	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.02	8.75	13.27	---	---
S-6	1/27/1994	---	---	---	---	---	---	---	22.02	7.87	14.15	---	---
S-6	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.40	7.71	13.69	---	---
S-6	7/26/1994	---	---	---	---	---	---	---	21.40	8.10	13.30	---	---
S-6	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	21.40	8.04	13.36	---	---
S-6	1/2/1995	---	---	---	---	---	---	---	21.40	7.07	14.33	---	---
S-6	4/14/1995	<50	<0.5	1.3	<0.5	<0.5	---	---	21.40	6.29	15.11	---	---
S-6	7/28/1995	---	---	---	---	---	---	---	21.40	6.91	14.49	---	---
S-6	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.40	7.20	14.20	---	---
S-6	1/11/1996	---	---	---	---	---	---	---	21.40	6.60	14.80	---	---
S-6	1/22/2004	Unable to locate		---	---	---	---	---	21.40	---	---	---	---
S-7	11/16/1988	100	5.1	15	2.0	13	---	---	21.47	8.24	13.23	---	---
S-7	2/27/1989	50	0.5	3.0	1.0	11	---	---	21.47	---	---	---	---
S-7	5/4/1989	<50	<0.5	<1	<1	<3	---	---	21.47	---	---	---	---
S-7	8/10/1989	<50	<0.5	<1	<1	<3	---	---	21.47	8.18	13.29	---	---
S-7	10/10/1989	<50	<0.5	<1	<1	<3	---	---	21.47	8.35	13.12	---	---
S-7	1/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.47	7.95	13.52	---	---

TABLE 1

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-7	4/18/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.47	8.06	13.41	---	---
S-7	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.89	13.58	---	---
S-7	10/18/1990	<50	<0.5	0.5	0.5	4.1	---	---	21.47	8.83	12.64	---	---
S-7	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.77	12.70	---	---
S-7	4/25/1991	60	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.25	14.22	---	---
S-7	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.41	13.06	---	---
S-7	10/8/1991	---	---	---	---	---	---	---	21.47	8.95	12.52	---	---
S-7	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.04	13.43	---	---
S-7	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.95	12.52	---	---
S-7	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.45	14.02	---	---
S-7	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	8.48	12.99	---	---
S-7	10/26/1992	570	<0.5	<0.5	<0.5	<0.5	---	---	21.47	9.95	11.52	---	---
S-7	1/14/1993	56	<0.5	<0.5	<0.5	<0.5	---	---	21.47	5.84	15.63	---	---
S-7	4/16/1993	110	28	<0.5	<0.5	1.8	---	---	21.47	6.38	15.09	---	---
S-7	7/23/1993	80	0.48	<0.5	<0.5	0.8	---	---	21.47	7.72	13.75	---	---
S-7	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.79	13.68	---	---
S-7	1/27/1994	70a	<0.5	<0.5	<0.5	<0.5	---	---	21.47	7.85	13.62	---	---
S-7	5/5/1994	92	2.1	<0.5	<0.5	<0.5	---	---	20.85	9.45	11.40	---	---
S-7	7/26/1994	88	<0.3	<0.3	<0.3	<0.6	---	---	20.85	7.64	13.21	---	---
S-7	10/28/1994	60	<0.3	0.5	<0.3	<0.6	---	---	20.85	7.68	13.17	---	---
S-7	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.85	6.95	13.90	---	---
S-7	4/14/1995	---	---	---	---	---	---	---	20.85	5.82	15.03	---	---
S-7	7/28/1995	170	1.7	<0.5	<0.5	2.2	---	---	20.85	6.32	14.53	---	---
S-7	10/17/1995	100	<0.5	0.6	<0.5	<0.5	---	---	20.85	7.07	13.78	---	---
S-7	1/11/1996	80	0.6	<0.5	<0.5	<0.5	54	---	20.85	6.10	14.75	---	---
S-7	4/2/1996	---	---	---	---	---	---	---	20.85	6.14	14.71	---	---
S-7	7/9/1996	---	---	---	---	---	---	---	20.85	6.40	14.45	---	---
S-7	10/10/1996	---	---	---	---	---	---	---	20.85	6.70	14.15	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-7	1/9/1997	130	1.4	<0.50	<0.50	0.56	70	---	20.85	5.25	15.60	---	---
S-7	4/8/1997	---	---	---	---	---	---	---	20.85	7.15	13.70	---	---
S-7	7/21/1997	---	---	---	---	---	---	---	20.85	6.67	14.18	---	---
S-7	10/8/1997	---	---	---	---	---	---	---	20.85	7.26	13.59	---	---
S-7	1/15/1998	<50	<0.50	<0.50	<0.50	<0.50	39	---	20.85	5.51	15.34	---	---
S-7	4/14/1998	---	---	---	---	---	---	---	20.85	5.45	15.40	---	---
S-7	7/14/1998	---	---	---	---	---	---	---	21.03	6.48	14.55	---	---
S-7	10/20/1998	---	---	---	---	---	---	---	21.03	7.37	13.66	---	---
S-7	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	97.8	---	21.03	6.21	14.82	---	---
S-7	4/8/1999	---	---	---	---	---	---	---	21.03	5.30	15.73	---	---
S-7	7/23/1999	---	---	---	---	---	---	---	21.03	7.12	13.91	---	---
S-7	10/26/1999	---	---	---	---	---	---	---	21.03	7.54	13.49	---	---
S-7	1/3/2000	615	8.73	2.90	4.00	7.17	17.0	---	21.03	7.73	13.30	---	---
S-7	4/14/2000	---	---	---	---	---	---	---	21.03	6.27	14.76	---	---
S-7	7/12/2000	---	---	---	---	---	---	---	21.03	6.97	14.06	---	---
S-7	11/1/2000	---	---	---	---	---	---	---	21.03	6.43	14.60	---	---
S-7	1/3/2001	460	6.68	<0.500	0.712	0.596	10.2	---	21.03	7.27	13.76	---	---
S-7	4/24/2001	---	---	---	---	---	---	---	21.03	6.75	14.28	---	---
S-7	7/2/2001	---	---	---	---	---	---	---	21.03	7.55	13.48	---	---
S-7	11/2/2001	---	---	---	---	---	---	---	21.03	7.80	13.23	---	---
S-7	1/16/2002	360	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.03	6.11	14.92	---	---
S-7	4/1/2002	---	---	---	---	---	---	---	21.03	6.54	14.49	---	---
S-7	7/11/2002	---	---	---	---	---	---	---	21.03	7.37	13.66	---	---
S-7	10/28/2002	---	---	---	---	---	---	---	21.01	7.97	13.04	---	---
S-7	1/23/2003	160	<0.50	<0.50	<0.50	<0.50	---	<5.0	21.01	6.45	14.56	---	---
S-7	4/30/2003	---	---	---	---	---	---	---	21.01	6.14	14.87	---	---
S-7	7/1/2003	---	---	---	---	---	---	---	21.01	7.28	13.73	---	---
S-7	10/8/2003	---	---	---	---	---	---	---	21.01	7.78	13.23	---	---



**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-7	1/22/2004	140	<0.50	<0.50	0.51	<1.0	--	--	21.01	6.93	14.08	--	--
S-7	7/13/2004	150	<0.50	<0.50	<0.50	<1.0	--	17	21.01	7.88	13.13	--	--
S-7	1/20/2005	200 a	<0.50	<0.50	<0.50	<1.0	--	--	21.01	5.68	15.33	--	--
S-7	7/19/2005	140 a	<0.50	<0.50	<0.50	<1.0	--	--	21.01	6.18	14.83	--	--
S-7	1/27/2006	69.8	<0.500	<0.500	<0.500	<0.500	--	--	21.01	6.11	14.90	--	--
S-7	7/25/2006	78.6	<1.00	<1.00	<1.00	<3.00	--	--	21.01	7.01	14.00	--	--
S-7	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.01	6.70	14.31	--	--
S-7	7/24/2007	63 g,h	<0.50	<1.0	<1.0	<1.0	--	--	21.01	7.54	13.47	--	--
S-7	1/15/2008	160 g,h	<0.50	<1.0	<1.0	<1.0	--	--	21.01	6.08	14.93	--	--
S-7	8/4/2008	72	<0.50	<1.0	<1.0	<1.0	--	--	21.01	7.78	13.23	--	--
S-7	1/8/2009	210	<0.50	<1.0	<1.0	<1.0	--	--	21.01	7.12	13.89	--	--
S-7	7/21/2009	<50	<0.50	<1.0	<1.0	<1.0	--	--	21.01	7.78	13.23	--	--
S-7	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	--	--	21.01	6.83	14.18	--	--
S-7	7/22/2010	<50	<0.50	<1.0	<1.0	<1.0	--	--	21.01	7.20	13.81	--	--
S-7	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.01	6.61	14.40	--	--
S-8	11/16/1988	210	5.0	<1	1.0	5.0	--	--	20.72	7.76	12.96	--	--
S-8	2/27/1989	<50	2.4	<1	<1	<3	--	--	20.72	--	--	--	--
S-8	5/4/1989	<50	7.5	<1	2.0	<3	--	--	20.72	--	--	--	--
S-8	8/10/1989	<50	0.6	<1	<1	<3	--	--	20.72	7.79	12.93	--	--
S-8	10/10/1989	<50	<0.5	<1	<1	<3	--	--	20.72	7.84	12.88	--	--
S-8	1/25/1990	<50	<0.5	<0.5	<0.5	<1	--	--	20.72	7.47	13.25	--	--
S-8	4/18/1990	<50	<0.5	<0.5	<0.5	<1	--	--	20.72	7.59	13.13	--	--
S-8	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	--	--	20.72	7.49	13.23	--	--
S-8	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	--	--	20.72	8.44	12.28	--	--
S-8	1/28/1991	<50	55	0.5	<0.5	1.4	--	--	20.72	8.28	12.44	--	--
S-8	4/25/1991	130a	19	<0.5	1.3	1.1	--	--	20.72	6.72	14.00	--	--
S-8	7/9/1991	200	33	<0.5	1.8	2.8	--	--	20.72	7.98	12.74	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-8	10/8/1991	580	95	2.2	4.9	6.5	--	--	20.72	8.55	12.17	--	--
S-8	2/5/1992	90a	18	<0.5	6.2	1.8	--	--	20.72	7.50	13.22	--	--
S-8	4/28/1992	<50	5.9	<0.5	2.5	<0.5	--	--	20.72	7.14	13.58	--	--
S-8	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	20.72	8.06	12.66	--	--
S-8	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	20.72	8.58	12.14	--	--
S-8	1/14/1993	270	74	0.9	25	5.5	--	--	20.72	5.32	15.40	--	--
S-8	4/16/1993	1100	420	<0.5	200	20	--	--	20.72	5.76	14.96	--	--
S-8	7/23/1993	160	23	<0.5	1.2	1.5	--	--	20.72	7.29	13.43	--	--
S-8	10/27/1993	420	650	0.7	11	1.7	--	--	20.72	7.93	12.79	--	--
S-8	1/27/1994	290	65	<1	6.9	2.4	--	--	20.72	6.31	14.41	--	--
S-8	5/5/1994	120	13	<0.5	<0.5	<0.5	--	--	20.32	6.84	13.48	--	--
S-8	7/26/1994	115	12.2	1.3	<0.3	2.7	--	--	20.32	7.42	12.90	--	--
S-8	10/28/1994	733	75.9	3.2	4.9	4.2	--	--	20.32	7.56	12.76	--	--
S-8	1/2/1995	290	54	<0.5	10	<0.5	--	--	20.32	6.19	14.13	--	--
S-8	4/14/1995	230	68	<0.5	10	2.4	--	--	20.32	5.54	14.78	--	--
S-8	7/28/1995	290	44	<0.5	8.0	<0.5	--	--	20.32	6.28	14.04	--	--
S-8	10/17/1995	190	24	<0.5	1.0	0.9	--	--	20.32	6.64	13.68	--	--
S-8	1/11/1996	400	85	1.1	13	3.4	2.3	--	20.32	5.96	14.36	--	--
S-8	4/2/1996	300	110	0.7	4.9	0.9	<2	--	20.32	5.21	15.11	--	--
S-8	7/9/1996	<50	5.4	<0.50	0.63	<0.50	<2.5	--	20.32	6.05	14.27	--	--
S-8	10/10/1996	150	0.53	0.66	2.3	1.0	8.9	--	20.32	6.83	13.49	--	--
S-8	1/9/1997	240	27	<0.50	2.4	<0.50	5.8	--	20.32	4.51	15.81	--	--
S-8	4/8/1997	220	27	0.62	1.9	0.71	5.7	--	20.32	6.50	13.82	--	--
S-8	7/21/1997	1200	140	2.8	21	5.0	27	--	20.32	6.36	13.96	--	--
S-8 (D)	7/21/1997	1200	120	<2.0	19	3.9	25	--	20.32	--	--	--	--
S-8	10/8/1997	690	92	1.4	25	2.0	<2.5	--	20.32	6.83	13.49	--	--
S-8 (D)	10/8/1997	700	95	1.3	26	1.9	<2.5	--	20.32	--	--	--	--
S-8	1/15/1998	460	110	1.0	3.4	1.7	<5.0	--	20.32	4.30	16.02	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPH-g (ug/L)</i>	<i>B (ug/L)</i>	<i>T (ug/L)</i>	<i>E (ug/L)</i>	<i>X (ug/L)</i>	<i>MTBE 8020 (ug/L)</i>	<i>MTBE 8260 (ug/L)</i>	<i>TOC (MSL)</i>	<i>Depth to Water (ft.)</i>	<i>GW Elevation (MSL)</i>	<i>SPH Thickness (ft.)</i>	<i>DO Reading (ppm)</i>
S-8	4/14/1998	780	190	2.9	15	3.4	<2.5	---	20.32	4.68	15.64	---	---
S-8	7/14/1998	1600	240	<5.0	36	<5.0	<25	---	20.36	6.36	14.00	---	---
S-8	10/20/1998	700	55	<5.0	<5.0	<5.0	49	---	20.36	6.91	13.45	---	---
S-8	1/22/1999	<50.0	5.83	<0.500	0.919	<0.500	<2.00	---	20.36	5.97	14.39	---	---
S-8	4/8/1999	684	10.6	1.3	9.75	1.0	10.5	---	20.36	5.01	15.35	---	---
S-8	7/23/1999	1540	86.5	5.20	5.30	6.35	<25.0	---	20.36	6.61	13.75	---	---
S-8	10/26/1999	1680	116	<2.50	22.4	5.58	<12.5	---	20.36	6.95	13.41	---	---
S-8	1/3/2000	Well inaccessible	---	---	---	---	---	---	20.36	---	---	---	---
S-8	4/14/2000	Well inaccessible	---	---	---	---	---	---	20.36	---	---	---	---
S-8	7/12/2000	Well inaccessible	---	---	---	---	---	---	20.36	---	---	---	---
S-8	11/1/2000	2300	118	12.4	51.7	<2.50	<12.5	---	20.36	5.68	14.68	---	---
S-8	1/3/2001	263	4.34	0.620	<0.500	0.643	5.40	---	20.36	6.95	13.41	---	---
S-8	4/24/2001	680	12	<0.50	0.86	<0.50	---	<0.50	20.36	6.25	14.11	---	---
S-8	7/2/2001	330	2.5	<0.50	0.86	<0.50	---	<5.0	20.36	7.00	13.36	---	---
S-8	11/2/2001	1300	71	0.84	14	1.7	---	<5.0	20.36	7.44	12.92	---	---
S-8	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.36	5.67	14.69	---	---
S-8	4/1/2002	330	2.2	<0.50	<0.50	<0.50	---	<5.0	20.36	5.99	14.37	---	---
S-8	7/11/2002	1400	55	0.83	5.3	0.71	---	<5.0	20.36	6.94	13.42	---	---
S-8	10/28/2002	660	6.2	0.63	0.76	<0.50	---	<0.50	20.36	7.50	12.86	---	1.1
S-8	1/23/2003	1600	30	0.56	6.7	<0.50	---	<5.0	20.36	5.99	14.37	---	---
S-8	4/30/2003	890	13	<0.50	0.59	<1.0	---	<5.0	20.36	5.30	15.06	---	---
S-8	7/1/2003	1800	68	1.3	2.6	1.2	---	<0.50	20.36	6.87	13.49	---	1.0
S-8	10/8/2003	220	1.3	<0.50	<0.50	<1.0	---	<0.50	20.36	7.27	13.09	---	---
S-8	1/22/2004	1000	6.7	<0.50	0.61	<1.0	---	---	20.36	6.50	13.86	---	---
S-8	7/13/2004	2000	100	1.7	5.7	<2.0	---	<1.0	20.36	7.41	12.95	---	---
S-8	1/20/2005	380	4.3	<0.50	<0.50	<1.0	---	---	20.36	5.02	15.34	---	---
S-8	7/19/2005	120	1.2	<0.50	<0.50	<1.0	---	---	20.36	5.82	14.54	---	---
S-8	1/27/2006	494	2.42	<0.500	<0.500	<0.500	---	---	20.36	5.51	14.85	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-8	7/25/2006	382	2.05	<1.00	<1.00	<3.00	---	---	20.36	6.66	13.70	---	---
S-8	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.36	6.13	14.23	---	---
S-8	7/24/2007	210 g,h	1.2	<1.0	<1.0	<1.0	---	---	20.36	6.92	13.44	---	---
S-8	1/15/2008	560 g,h	5.3	<1.0	0.31 i	<1.0	---	---	20.36	5.32	15.04	---	---
S-8	8/4/2008	200	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.98	13.38	---	---
S-8	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.62	13.74	---	---
S-8	7/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	7.10	13.26	---	---
S-8	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.34	14.02	---	---
S-8	7/22/2010	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.78	13.58	---	---
S-8	2/1/2011	77	<0.50	<0.50	<0.50	<1.0	---	---	20.36	6.12	14.24	---	---
S-9	11/16/1988	1400	69	3.0	52	180	---	---	20.96	7.78	13.18	---	---
S-9	2/27/1989	1600	240	4.0	130	180	---	---	20.96	---	---	---	---
S-9	5/4/1989	2600	470	10	240	480	---	---	20.96	---	---	---	---
S-9	8/10/1989	520	73	<10	40	<30	---	---	20.96	7.82	13.14	---	---
S-9	10/10/1989	380	82	<1	46	13	---	---	20.96	7.87	13.09	---	---
S-9	1/25/1990	750	140	1.2	69	75	---	---	20.96	7.41	13.55	---	---
S-9	4/18/1990	680	150	1.7	50	37	---	---	20.96	7.65	13.31	---	---
S-9	7/23/1990	490	94	1.2	32	24	---	---	20.96	7.58	13.38	---	---
S-9	10/18/1990	390	140	0.7	3.3	24	---	---	20.96	8.46	12.50	---	---
S-9	1/28/1991	1040	450	4.6	85	97	---	---	20.96	8.29	12.67	---	---
S-9	4/25/1991	5800	880	9.0	360	500	---	---	20.96	6.09	14.87	---	---
S-9	7/9/1991	1400	220	2.8	82	100	---	---	20.96	7.82	13.14	---	---
S-9	10/8/1991	890	960	<2.5	16	29	---	---	20.96	8.55	12.41	---	---
S-9	2/5/1992	950	240	<2.5	28	55	---	---	20.96	6.96	14.00	---	---
S-9	4/28/1992	1400a	290	3.0	100	81	---	---	20.96	6.76	14.20	---	---
S-9	7/27/1992	890	190	<2.5	66	68	---	---	20.96	8.10	12.86	---	---
S-9	10/26/1992	650	160	<2.5	63	89	---	---	20.96	8.53	12.43	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9	1/13/1993	19000	2400	38	1700	2200	--	--	20.96	6.80	14.16	--	--
S-9	4/16/1993	10000	1500	<5	1100	990	--	--	20.96	6.28	14.68	--	--
S-9	7/23/1993	1100	400	<5	260	160	--	--	20.96	7.26	13.70	--	--
S-9	10/27/1993	2500	400	<5	190	110	--	--	20.96	8.00	12.96	--	--
S-9	1/27/1994	4800	990	16	630	490	--	--	20.96	5.96	15.00	--	--
S-9	5/5/1994	3700	480	<5	21	120	--	--	20.68	6.99	13.69	--	--
S-9	7/26/1994	1000	124.6	<0.3	35.8	28.6	--	--	20.68	7.56	13.12	--	--
S-9	10/28/1994	979	80.3	7.0	21.7	29.2	--	--	20.68	7.78	12.90	--	--
S-9	1/2/1995	3900	540	2.4	350	150	--	--	20.68	6.29	14.39	--	--
S-9	4/14/1995	5100	1000	<10	380	230	--	--	20.68	5.69	14.99	--	--
S-9	7/28/1995	4600	680	<10	120	47	--	--	20.68	6.61	14.07	--	--
S-9	10/17/1995	1600	150	<0.5	42	15	--	--	20.68	7.00	13.68	--	--
S-9	1/11/1996	6800	1100	12	720	95	24	--	20.68	6.20	14.48	--	--
S-9	4/2/1996	6000	1300	8.3	430	99	49	--	20.68	5.19	15.49	--	--
S-9 (D)	4/2/1996	6500	1200	8.3	410	90	<20	--	20.68	--	--	--	--
S-9	7/9/1996	3400	680	6.7	54	31	<25	--	20.68	6.43	14.25	--	--
S-9 (D)	7/9/1996	3300	730	<5.0	58	28	<25	--	20.68	--	--	--	--
S-9	10/10/1996	6600	1200	<10	160	<10	70	--	20.68	7.08	13.60	--	--
S-9 (D)	10/10/1996	6100	1000	<10	200	15	65	--	20.68	--	--	--	--
S-9	1/9/1997	12000	1400	<25	1000	39	<125	--	20.68	5.03	15.65	--	--
S-9	4/8/1997	6600	920	10	230	26	150	--	20.68	6.78	13.90	--	--
S-9	7/21/1997	7800	860	13	260	14	87	--	20.68	6.77	13.91	--	--
S-9	10/8/1997	4600	320	<10	61	<10	28	--	20.68	6.92	13.76	--	--
S-9	1/15/1998	9300	1000	<10	730	24	<50	--	20.68	4.50	16.18	--	--
S-9	4/14/1998	12000	1200	<2.5	960	<2.5	<12	--	20.68	4.35	16.33	--	--
S-9 (D)	4/14/1998	12000	1200	<2.5	930	<2.5	<12	--	20.68	--	--	--	--
S-9	7/14/1998	12000	1700	<25	990	39	<125	--	20.68	5.95	14.73	--	--
S-9 (D)	7/14/1998	11000	1800	<25	650	<25	<125	--	20.68	--	--	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9	10/20/1998	14000	1600	<25	560	<25	340	---	20.68	7.03	13.65	---	---
S-9 (D)	10/20/1998	11000	1100	<10	230	<10	100	---	20.68	---	---	---	---
S-9	1/22/1999	9900	1030	26.7	819	27.5	46.8	---	20.68	6.01	14.67	---	---
S-9	4/8/1999	17900	1450	<50.0	1610	73.8	<500	---	20.68	5.25	15.43	---	---
S-9	7/23/1999	12200	1020	<20.0	536	<20.0	<200	---	20.68	6.71	13.97	---	---
S-9	10/26/1999	9580	1170	11.9	566	23.1	<50.0	---	20.68	7.27	13.41	---	---
S-9	10/26/1999	9580	1170	11.9	566	23.1	<50.0	---	20.68	7.27	13.41	---	---
S-9	1/3/2000	9660	689	<50.0	640	<50.0	<250	---	20.68	7.47	13.21	---	---
S-9	4/14/2000	14000	1040	<50.0	1210	<50.0	<250	---	20.68	5.75	14.93	---	---
S-9	7/12/2000	13200	1360	33.9	552	26.8	<100	---	20.68	6.63	14.05	---	---
S-9	11/1/2000	9120	928	13.5	468	<10.0	<50.0	---	20.68	5.50	15.18	---	---
S-9	1/3/2001	355	19.8	0.732	2.23	0.630	5.09	---	20.68	7.11	13.57	---	---
S-9	4/24/2001	3500	300	1.7	150	1.7	---	<1.0	20.68	6.30	14.38	---	---
S-9	7/2/2001	88	3.8	<0.50	<0.50	<0.50	---	<5.0	20.68	8.18	12.50	---	2.6
S-9	11/2/2001	210	9.5	<0.50	<0.50	<0.50	---	<5.0	20.68	8.40	12.28	---	16.4
S-9	1/16/2002	15000	520	4.9	580	7.1	---	<20	20.68	5.71	14.97	---	0.5
S-9	4/1/2002	15000	530	5.1	920	7.8	---	<25	20.68	5.99	14.69	---	3.0
S-9	7/11/2002	10000	520	5.3	97	5.8	---	<25	20.68	6.99	13.69	---	0.5
S-9	10/28/2002	11000	580	6.2	65	5.3	---	<2.5	20.70	7.63	13.07	---	1.0
S-9	1/23/2003	9300	400	5.6	320	6.5	---	<5.0	20.70	5.96	14.74	---	0.5
S-9	4/30/2003	180	4.2	<0.50	3.7	<1.0	---	<5.0	20.70	5.20	15.50	---	7.0
S-9	7/1/2003	2200	71	0.94	6.4	<1.0	---	<0.50	20.70	7.78	12.92	---	0.9
S-9	10/8/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.70	7.38	13.32	---	16.2
S-9	1/22/2004	1400	26	<1.0	14	12	---	---	20.70	6.51	14.19	---	0.7
S-9	7/13/2004	1900	36	<1.0	2.0	<2.0	---	<1.0	20.70	8.51	12.19	---	17.1
S-9	1/20/2005	3600	60	1.2	50	<2.0	---	---	20.70	5.80	14.90	---	0.4
S-9	7/19/2005	2800	42	1.4	18	<2.0	---	---	20.70	7.50	13.20	---	---
S-9	1/27/2006	16800	152	4.74	165	6.77	---	---	20.70	6.40	14.30	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-9	7/25/2006	22500	79.3	2.32	27.2	<3.00	--	--	20.70	6.92	13.78	--	--
S-9	1/4/2007	5800	82	3.2	110	<5.0	--	--	20.70	6.40	14.30	--	--
S-9	7/24/2007	8900 g,h	91	3.4 i	22	<10	--	--	20.70	7.19	13.51	--	--
S-9	1/15/2008	11,000 g,h	68	3.5 i	68	4.5 i	--	--	20.70	5.20	15.50	--	--
S-9	8/4/2008	8,200	50	2.6	12	3.6	--	--	20.70	7.38	13.32	--	--
S-9	1/8/2009	9,200	40	2.4	29	1.9	--	--	20.70	6.73	13.97	--	--
S-9	7/21/2009	6,200	26	1.6	7.5	1.3	--	--	20.70	7.28	13.42	--	--
S-9	07/21/2009 *	9,600	35	2.1	9.2	1.8	--	--	20.70	7.28	13.42	--	--
S-9	01/12/2010 *	15,000	39	<5.0	26	<5.0	--	--	20.70	6.14	14.56	--	--
S-9	7/22/2010	7,900	21	<5.0	19	<5.0	--	--	20.70	6.89	13.81	--	--
S-9	2/1/2011	12,000	28	2.6	41	<5.0	--	--	20.70	5.86	14.84	--	--
S-10	11/16/1988	330	0.5	<1	1.0	11	--	--	20.86	7.91	12.95	--	--
S-10	2/27/1989	140	<0.5	<3	2.0	6.0	--	--	20.86	--	--	--	--
S-10	5/3/1989	220	<0.5	1.0	2.0	7.0	--	--	20.86	--	--	--	--
S-10	8/10/1989	<50	<0.5	<1	<1	<3	--	--	20.86	7.94	12.92	--	--
S-10	10/9/1989	170	<0.5	<1	<1	<3	--	--	20.86	7.99	12.87	--	--
S-10	1/25/1990	<50	<0.5	<0.5	1.1	4.0	--	--	20.86	7.56	13.30	--	--
S-10	4/18/1990	<50	<0.5	0.9	<0.5	2.0	--	--	20.86	7.71	13.15	--	--
S-10	7/23/1990	590	<0.5	<0.5	1.9	19	--	--	20.86	7.64	13.22	--	--
S-10	10/18/1990	140	<0.5	0.7	<0.5	7.0	--	--	20.86	8.58	12.28	--	--
S-10	1/28/1991	<50	<0.5	<0.5	<0.5	0.5	--	--	20.86	8.35	12.51	--	--
S-10	4/25/1991	<50	<0.5	<0.5	1.1	0.8	--	--	20.69	6.91	13.78	--	--
S-10	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	20.69	8.14	12.55	--	--
S-10	10/8/1991	140	<0.5	<0.5	<0.5	<0.5	--	--	20.69	8.70	11.99	--	--
S-10	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	20.69	7.57	13.12	--	--
S-10	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	20.69	7.20	13.49	--	--
S-10	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	20.69	8.17	12.52	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPH-g (ug/L)</i>	<i>B (ug/L)</i>	<i>T (ug/L)</i>	<i>E (ug/L)</i>	<i>X (ug/L)</i>	<i>MTBE 8020 (ug/L)</i>	<i>MTBE 8260 (ug/L)</i>	<i>TOC (MSL)</i>	<i>Depth to Water (ft.)</i>	<i>GW Elevation (MSL)</i>	<i>SPH Thickness (ft.)</i>	<i>DO Reading (ppm)</i>
S-10	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.69	8.68	12.01	---	---
S-10	1/13/1993	88	<0.5	0.6	0.6	<0.5	---	---	20.69	3.78	16.91	---	---
S-10	4/16/1993	80	<0.5	<0.5	<0.5	<0.5	---	---	20.69	6.46	14.23	---	---
S-10	7/23/1993	<50	1.5	<0.5	0.7	2.7	---	---	20.69	7.38	13.31	---	---
S-10	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.69	8.09	12.60	---	---
S-10	1/27/1994	270	1.1	1.3	2.0	7.4	---	---	20.69	5.81	14.88	---	---
S-10	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	6.82	13.33	---	---
S-10	7/26/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	20.15	7.40	12.75	---	---
S-10	10/28/1994	<50	2.4	<0.3	0.5	0.8	---	---	20.15	7.62	12.53	---	---
S-10	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	6.13	14.02	---	---
S-10	4/14/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	5.60	14.55	---	---
S-10	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	6.44	13.71	---	---
S-10	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.15	6.85	13.30	---	---
S-10	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	20.15	6.08	14.07	---	---
S-10	4/2/1996	---	---	---	---	---	---	---	20.15	5.21	14.94	---	---
S-10	7/9/1996	---	---	---	---	---	---	---	20.15	6.20	13.95	---	---
S-10	10/10/1996	---	---	---	---	---	---	---	20.15	6.92	13.23	---	---
S-10	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.15	4.64	15.51	---	---
S-10	4/8/1997	---	---	---	---	---	---	---	20.15	5.82	14.33	---	---
S-10	7/21/1997	---	---	---	---	---	---	---	20.15	6.48	13.67	---	---
S-10	10/8/1997	---	---	---	---	---	---	---	20.15	5.48	14.67	---	---
S-10	1/15/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.15	3.01	17.14	---	---
S-10	4/14/1998	---	---	---	---	---	---	---	20.15	4.30	15.85	---	---
S-10	7/14/1998	---	---	---	---	---	---	---	20.15	5.84	14.31	---	---
S-10	10/20/1998	---	---	---	---	---	---	---	20.15	6.89	13.26	---	---
S-10	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	20.15	6.00	14.15	---	---
S-10	4/8/1999	---	---	---	---	---	---	---	20.15	4.41	15.74	---	---
S-10	7/23/1999	---	---	---	---	---	---	---	20.15	6.48	13.67	---	---



TABLE 1

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPH-g (ug/L)</i>	<i>B (ug/L)</i>	<i>T (ug/L)</i>	<i>E (ug/L)</i>	<i>X (ug/L)</i>	<i>MTBE 8020 (ug/L)</i>	<i>MTBE 8260 (ug/L)</i>	<i>TOC (MSL)</i>	<i>Depth to Water (ft.)</i>	<i>GW Elevation (MSL)</i>	<i>SPH Thickness (ft.)</i>	<i>DO Reading (ppm)</i>
S-10	10/26/1999	--	--	--	--	--	--	--	20.15	7.07	13.08	--	--
S-10	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	20.15	7.27	12.88	--	--
S-10	4/14/2000	--	--	--	--	--	--	--	20.15	5.75	14.40	--	--
S-10	7/12/2000	--	--	--	--	--	--	--	20.15	6.17	13.98	--	--
S-10	11/1/2000	--	--	--	--	--	--	--	20.15	5.63	14.52	--	--
S-10	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	20.15	6.89	13.26	--	--
S-10	4/24/2001	--	--	--	--	--	--	--	20.15	6.20	13.95	--	--
S-10	7/2/2001	--	--	--	--	--	--	--	20.15	6.80	13.35	--	--
S-10	11/2/2001	--	--	--	--	--	--	--	20.15	7.40	12.75	--	--
S-10	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	20.15	5.66	14.49	--	--
S-10	4/1/2002	--	--	--	--	--	--	--	20.15	5.63	14.52	--	--
S-10	7/11/2002	--	--	--	--	--	--	--	20.15	6.72	13.43	--	--
S-10	10/28/2002	--	--	--	--	--	--	--	20.14	7.50	12.64	--	--
S-10	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	20.14	5.97	14.17	--	--
S-10	4/30/2003	--	--	--	--	--	--	--	20.14	5.24	14.90	--	--
S-10	7/1/2003	--	--	--	--	--	--	--	20.14	6.82	13.32	--	--
S-10	10/8/2003	--	--	--	--	--	--	--	20.14	7.06	13.08	--	--
S-10	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	--	--	20.14	6.50	13.64	--	--
S-10	7/13/2004	--	--	--	--	--	--	--	20.14	7.49	12.65	--	--
S-10	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	--	--	20.14	5.09	15.05	--	--
S-10	7/19/2005	--	--	--	--	--	--	--	20.14	6.00	14.14	--	--
S-10	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	20.14	5.61	14.53	--	--
S-10	7/25/2006	--	--	--	--	--	--	--	20.14	6.61	13.53	--	--
S-10	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	--	--	20.14	6.29	13.85	--	--
S-10	7/24/2007	--	--	--	--	--	--	--	20.14	6.82	13.32	--	--
S-10	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	--	--	20.14	5.33	14.81	--	--
S-10	8/4/2008	--	--	--	--	--	--	--	20.14	6.65	13.49	--	--
S-10	1/8/2009	120	<0.50	<1.0	<1.0	<1.0	--	--	20.14	6.61	13.53	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-10	7/21/2009	--	--	--	--	--	--	--	20.14	7.06	13.08	--	--
S-10	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	--	--	20.14	6.38	13.76	--	--
S-10	7/22/2010	--	--	--	--	--	--	--	20.14	6.88	13.26	--	--
S-10	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	--	--	20.14	6.32	13.82	--	--
S-11	11/16/1988	<50	<0.5	<1	<1	<3	--	--	21.26	8.62	12.64	--	--
S-11	2/27/1989	<50	<0.5	<1	<1	<3	--	--	21.26	--	--	--	--
S-11	5/3/1989	<50	<0.5	<1	<1	<3	--	--	21.26	--	--	--	--
S-11	8/10/1989	<50	<0.5	<1	<1	<3	--	--	21.26	8.65	12.61	--	--
S-11	10/9/1989	<50	<0.5	<1	<1	<3	--	--	21.26	8.64	12.62	--	--
S-11	1/25/1990	<50	<0.5	<0.5	<0.5	<1	--	--	21.26	8.43	12.83	--	--
S-11	4/18/1990	<50	<0.5	<0.5	<0.5	<1	--	--	21.26	8.42	12.84	--	--
S-11	7/23/1990	<50	<0.5	0.6	<0.5	1.1	--	--	21.26	8.23	13.03	--	--
S-11	10/18/1990	<50	<0.5	<0.5	<0.5	0.5	--	--	21.26	9.20	12.06	--	--
S-11	1/28/1991	63	<0.5	3.3	0.9	7.0	--	--	21.26	9.13	12.13	--	--
S-11	4/25/1991	<50	<0.5	<0.5	0.8	<0.5	--	--	21.26	7.53	13.73	--	--
S-11	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.26	8.85	12.41	--	--
S-11	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.26	9.34	11.92	--	--
S-11	2/5/1991	--	--	--	--	--	--	--	21.26	8.50	12.76	--	--
S-11	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.26	7.80	13.46	--	--
S-11	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.26	8.80	12.46	--	--
S-11	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.26	9.42	11.84	--	--
S-11	1/13/1993	--	--	--	--	--	--	--	21.26	6.52	14.74	--	--
S-11	4/16/1993	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.26	6.86	14.40	--	--
S-11	7/23/1993	--	--	--	--	--	--	--	21.26	8.07	13.19	--	--
S-11	10/27/1993	Well inaccessible		--	--	--	--	--	21.26	--	--	--	--
S-11	1/27/1994	--	--	--	--	--	--	--	21.26	--	--	--	--
S-11	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	--	--	21.24	7.73	13.51	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-11	7/26/1994	---	---	---	---	---	---	---	21.24	8.30	12.94	---	---
S-11	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	21.24	8.30	12.94	---	---
S-11	1/2/1995	---	---	---	---	---	---	---	21.24	7.25	13.99	---	---
S-11	4/14/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.24	6.99	14.25	---	---
S-11	7/28/1995	---	---	---	---	---	---	---	21.24	7.21	14.03	---	---
S-11	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.24	7.41	13.83	---	---
S-11	1/11/1996	---	---	---	---	---	---	---	21.24	6.80	14.44	---	---
S-11	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	21.24	7.28	13.96	---	---
S-11	03/18/2002 d	---	---	---	---	---	---	---	21.27	---	---	---	---
S-11	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	0.57	21.27	7.55	13.72	---	---
S-12	11/16/1988	50	3.5	<1	<1	<3	---	---	21.05	---	---	---	---
S-12	2/27/1989	<50	0.8	<1	<1	<3	---	---	21.05	---	---	---	---
S-12	5/3/1989	<50	<0.5	<1	<1	<3	---	---	21.05	---	---	---	---
S-12	8/10/1989	<50	<0.5	<1	<1	<3	---	---	21.05	8.32	12.73	---	---
S-12	10/9/1989	<50	<0.5	<1	<1	<1	---	---	21.05	8.32	12.73	---	---
S-12	1/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	21.05	8.18	12.87	---	---
S-12	4/18/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.05	13.00	---	---
S-12	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	7.92	13.13	---	---
S-12	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.90	12.15	---	---
S-12	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.54	12.51	---	---
S-12	4/25/1991	90	5.4	<0.5	1.1	0.7	---	---	21.05	7.08	13.97	---	---
S-12	7/9/1991	<50	2.9	<0.5	<0.5	<0.5	---	---	21.05	8.42	12.63	---	---
S-12	10/8/1991	50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.80	12.25	---	---
S-12	2/5/1992	50a	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.07	12.98	---	---
S-12	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.33	12.72	---	---
S-12	7/27/1992	94	<0.5	<0.5	<0.5	<0.5	---	---	21.05	8.55	12.50	---	---
S-12	10/26/1992	86	<0.5	<0.5	<0.5	<0.5	---	---	21.05	9.03	12.02	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPH-g (ug/L)</i>	<i>B (ug/L)</i>	<i>T (ug/L)</i>	<i>E (ug/L)</i>	<i>X (ug/L)</i>	<i>MTBE 8020 (ug/L)</i>	<i>MTBE 8260 (ug/L)</i>	<i>TOC (MSL)</i>	<i>Depth to Water (ft.)</i>	<i>GW Elevation (MSL)</i>	<i>SPH Thickness (ft.)</i>	<i>DO Reading (ppm)</i>
S-12	1/14/1993	120	2.0	<0.5	<0.5	<0.5	---	---	21.05	6.38	14.67	---	---
S-12	4/16/1993	60	<0.5	<0.5	<0.5	<0.5	---	---	21.05	6.56	14.49	---	---
S-12	7/23/1993	90	<0.5	<0.5	<0.5	<0.5	---	---	21.05	7.76	13.29	---	---
S-12	10/27/1993	Well inaccessible		---	---	---	---	---	21.05	---	---	---	---
S-12	1/27/1994	Well inaccessible		---	---	---	---	---	21.05	---	---	---	---
S-12	5/5/1994	<50	2.0	<0.5	<0.5	<0.5	---	---	20.71	7.49	13.22	---	---
S-12	7/26/1994	128	<0.3	<0.3	<0.3	<0.6	---	---	20.71	7.92	12.79	---	---
S-12	10/28/1994	167	<0.3	<0.3	<0.3	<0.6	---	---	20.71	7.78	12.93	---	---
S-12	1/2/1995	50	<0.5	<0.5	<0.5	<0.5	---	---	20.71	7.33	13.38	---	---
S-12	4/14/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.71	6.47	14.24	---	---
S-12	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.71	6.90	13.81	---	---
S-12	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.71	7.16	13.55	---	---
S-12	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	82	---	20.71	6.65	14.06	---	---
S-12	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	45	---	20.71	6.95	13.76	---	---
S-12	03/18/2002 d	---	---	---	---	---	---	---	20.73	---	---	---	---
S-12	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	0.58	20.73	7.30	13.43	---	---
S-13	5/3/1989	150	4.9	4.0	2.0	14	---	---	20.57	---	---	---	---
S-13	8/10/1989	110	2.9	<1	<1	<3	---	---	20.57	8.00	12.57	---	---
S-13	10/9/1989	77	1.4	<1	<1	<3	---	---	20.57	7.95	12.62	---	---
S-13	1/25/1990	51	0.5	<0.5	<0.5	<1	---	---	20.57	7.79	12.78	---	---
S-13	4/18/1990	85	8.7	<0.5	<0.5	<1	---	---	20.57	7.73	12.84	---	---
S-13	7/23/1990	80	0.8	<0.5	<0.5	<0.5	---	---	20.57	7.63	12.94	---	---
S-13	10/18/1990	130	<0.5	<0.5	<0.5	<5	---	---	20.57	8.58	11.99	---	---
S-13	1/28/1991	<50	<0.5	0.9	1.2	1.0	---	---	20.57	8.39	12.18	---	---
S-13	4/25/1991	440a	3.8	<0.5	<0.5	0.6	---	---	20.57	7.00	13.57	---	---
S-13	7/9/1991	320a	0.6	<0.5	<0.5	<0.5	---	---	20.57	8.12	12.45	---	---
S-13	10/8/1991	310	<0.5	<0.5	<0.5	<0.5	---	---	20.57	8.69	11.88	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-13	2/5/1992	---	---	---	---	---	---	---	20.57	7.62	12.95	---	---
S-13	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	7.15	13.42	---	---
S-13	7/27/1992	---	---	---	---	---	---	---	20.57	8.20	12.37	---	---
S-13	10/26/1992	180	<0.5	<0.5	<0.5	<0.5	---	---	20.57	8.73	11.84	---	---
S-13	1/13/1993	---	---	---	---	---	---	---	20.57	5.06	15.51	---	---
S-13	4/16/1993	240	4.8	<0.5	1.3	<0.5	---	---	20.57	6.38	14.19	---	---
S-13	7/23/1993	---	---	---	---	---	---	---	20.57	7.45	13.12	---	---
S-13	10/27/1993	Well inaccessible		---	---	---	---	---	20.57	---	---	---	---
S-13	1/27/1994	---	---	---	---	---	---	---	20.57	---	---	---	---
S-13	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.16	6.91	13.25	---	---
S-13	7/26/1994	---	---	---	---	---	---	---	20.16	7.52	12.64	---	---
S-13	10/28/1994	368	<0.3	<0.3	<0.3	<0.6	---	---	20.16	7.68	12.48	---	---
S-13	1/2/1995	---	---	---	---	---	---	---	20.16	6.37	13.79	---	---
S-13	4/14/1995	---	---	---	---	---	---	---	20.16	5.81	14.35	---	---
S-13	7/28/1995	---	---	---	---	---	---	---	20.16	6.73	13.43	---	---
S-13	10/17/1995	<50	1.0	<0.5	<0.5	<0.5	---	---	20.16	6.94	13.22	---	---
S-13	1/11/1996	---	---	---	---	---	---	---	20.16	6.20	13.96	---	---
S-13	4/2/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	20.16	5.28	14.88	---	---
S-13	7/9/1996	---	---	---	---	---	---	---	20.16	6.35	13.81	---	---
S-13	10/10/1996	<50	<0.50	<0.50	<0.50	<0.50	210	160	20.16	7.04	13.12	---	---
S-13	1/9/1997	---	---	---	---	---	---	---	20.16	5.19	14.97	---	---
S-13	4/8/1997	<50	<0.50	<0.50	<0.50	<0.50	81	---	20.16	6.62	13.54	---	---
S-13	7/21/1997	---	---	---	---	---	---	---	20.16	6.76	13.40	---	---
S-13	10/8/1997	<50	<0.50	<0.50	<0.50	<0.50	110	---	20.16	7.05	13.11	---	---
S-13	1/15/1998	---	---	---	---	---	---	---	20.16	5.27	14.89	---	---
S-13	4/14/1998	<50	<0.50	<0.50	<0.50	<0.50	3.2	---	20.16	5.24	14.92	---	---
S-13	7/14/1998	---	---	---	---	---	---	---	20.16	5.48	14.68	---	---
S-13	10/20/1998	---	---	---	---	---	---	---	20.16	7.08	13.08	---	---

TABLE 1

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPH-g (ug/L)</i>	<i>B (ug/L)</i>	<i>T (ug/L)</i>	<i>E (ug/L)</i>	<i>X (ug/L)</i>	<i>MTBE 8020 (ug/L)</i>	<i>MTBE 8260 (ug/L)</i>	<i>TOC (MSL)</i>	<i>Depth to Water (ft.)</i>	<i>GW Elevation (MSL)</i>	<i>SPH Thickness (ft.)</i>	<i>DO Reading (ppm)</i>
S-13	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	92.2	---	20.16	6.65	13.51	---	---
S-13	4/8/1999	---	---	---	---	---	---	---	20.16	5.61	14.55	---	---
S-13	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.16	6.78	13.38	---	---
S-13	10/26/1999	---	---	---	---	---	---	---	20.16	7.33	12.83	---	---
S-13	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.16	7.51	12.65	---	---
S-13	4/14/2000	---	---	---	---	---	---	---	20.16	6.08	14.08	---	---
S-13	7/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.16	6.50	13.66	---	---
S-13	11/1/2000	---	---	---	---	---	---	---	20.16	6.10	14.06	---	---
S-13	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	21.2	23.9	20.16	7.09	13.07	---	---
S-13	4/24/2001	Well inaccessible		---	---	---	---	---	20.16	---	---	---	---
S-13	7/2/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.16	7.13	13.03	---	---
S-13	11/2/2001	---	---	---	---	---	---	---	20.16	7.38	12.78	---	---
S-13	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	5.9	20.16	6.02	14.14	---	---
S-13	4/1/2002	---	---	---	---	---	---	---	20.16	6.26	13.90	---	---
S-13	7/11/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.16	7.00	13.16	---	---
S-13	10/28/2002	---	---	---	---	---	---	---	20.19	7.70	12.49	---	---
S-13	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	110	20.19	6.41	13.78	---	---
S-13	4/30/2003	---	---	---	---	---	---	---	20.19	6.12	14.07	---	---
S-13	7/1/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.19	7.65	12.54	---	1.4
S-13	10/8/2003	---	---	---	---	---	---	---	20.19	7.32	12.87	---	---
S-13	1/22/2004	<250	<2.5	<2.5	<2.5	<5.0	---	---	20.19	6.60	13.59	---	---
S-13	7/13/2004	---	---	---	---	---	---	---	20.19	6.60	13.59	---	e
S-13	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.19	6.56	13.63	---	---
S-13	7/19/2005	---	---	---	---	---	---	---	20.19	6.15	14.04	---	---
S-13	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.19	6.42	13.77	---	---
S-13	7/25/2006	---	---	---	---	---	---	---	20.19	7.51	12.68	---	---
S-13	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.19	6.85	13.34	---	---
S-13	7/24/2007	---	---	---	---	---	---	---	20.19	7.39	12.80	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-13	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.19	6.00	14.19	---	---
S-13	8/4/2008	---	---	---	---	---	---	---	20.19	7.46	12.73	---	---
S-13	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.19	6.71	13.48	---	---
S-13	7/21/2009	---	---	---	---	---	---	---	20.19	7.26	12.93	---	---
S-13	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.19	6.25	13.94	---	---
S-13	7/22/2010	---	---	---	---	---	---	---	20.19	7.01	13.18	---	---
S-13	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.19	6.53	13.66	---	---
S-14	5/3/1989	5300	750	400	200	800	---	---	20.44	---	---	---	---
S-14	8/10/1989	1800	540	140	42	50	---	---	20.44	7.58	12.86	---	---
S-14	10/9/1989	1000	360	60	20	30	---	---	20.44	7.62	12.82	---	---
S-14	1/25/1990	640	160	77	17	39	---	---	20.44	7.82	12.62	---	---
S-14	4/18/1990	1200	200	110	30	96	---	---	20.44	7.37	13.07	---	---
S-14	7/23/1990	5000	430	340	140	660	---	---	20.44	7.28	13.16	---	---
S-14	10/18/1990	1800	770	13	17	120	---	---	20.44	8.10	12.34	---	---
S-14	1/28/1991	720	200	36	21	78	---	---	20.44	8.04	12.40	---	---
S-14	4/25/1991	14000	930	430	250	970	---	---	20.44	6.40	14.04	---	---
S-14	7/9/1991	160	30	5.3	5	16	---	---	20.44	7.69	12.75	---	---
S-14	10/8/1991	5400	81	57	95	380	---	---	20.44	8.24	12.20	---	---
S-14	2/2/1992	---	---	---	---	---	---	---	20.44	7.20	13.24	---	---
S-14	4/28/1992	2000	270	140	48	170	---	---	20.44	9.75	10.69	---	---
S-14	10/26/1992	920	33	12	25	88	---	---	20.44	8.32	12.12	---	---
S-14	1/13/1993	---	---	---	---	---	---	---	20.44	5.07	15.37	---	---
S-14	4/16/1993	4500	1100	29	91	170	---	---	20.44	5.86	14.58	---	---
S-14	7/23/1993	---	---	---	---	---	---	---	20.44	7.06	13.38	---	---
S-14	10/27/1993	Well inaccessible		---	---	---	---	---	20.44	---	---	---	---
S-14	1/27/1994	---	---	---	---	---	---	---	20.44	---	---	---	---
S-14	5/5/1994	810	250	<2.5	9.4	19	---	---	19.99	6.48	13.51	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPH-g (ug/L)</i>	<i>B (ug/L)</i>	<i>T (ug/L)</i>	<i>E (ug/L)</i>	<i>X (ug/L)</i>	<i>MTBE 8020 (ug/L)</i>	<i>MTBE 8260 (ug/L)</i>	<i>TOC (MSL)</i>	<i>Depth to Water (ft.)</i>	<i>GW Elevation (MSL)</i>	<i>SPH Thickness (ft.)</i>	<i>DO Reading (ppm)</i>
S-14	7/26/1994	---	---	---	---	---	---	---	19.99	7.04	12.95	---	---
S-14	10/28/1994	5385	290.6	85.8	49.7	186.2	---	---	19.99	7.07	12.92	---	---
S-14	1/2/1995	---	---	---	---	---	---	---	19.99	5.95	14.04	---	---
S-14	4/14/1995	1600	40	4.7	11	20	---	---	19.99	5.22	14.77	---	---
S-14	7/28/1995	---	---	---	---	---	---	---	19.99	6.21	13.78	---	---
S-14	10/17/1995	1200	37	<0.5	7.8	11	---	---	19.99	6.30	13.69	---	---
S-14	1/11/1996	---	---	---	---	---	---	---	19.99	5.70	14.29	---	---
S-14	7/21/1997	220	71	0.71	1.3	1.3	100	---	19.99	6.14	13.85	---	---
S-14	03/18/2002 d	---	---	---	---	---	---	---	20.01	---	---	---	---
S-14	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	55	20.01	6.20	13.81	---	---
S-15	5/3/1989	<50	<0.5	<1	<1	<3	---	---	22.22	---	---	---	---
S-15	8/10/1989	<50	<0.5	<1	<1	<3	---	---	22.22	8.48	13.74	---	---
S-15	10/9/1989	<50	<0.5	<1	<1	<3	---	---	22.22	8.46	13.76	---	---
S-15	1/25/1990	<50	<0.5	<1	<1	<1	---	---	22.22	8.34	13.88	---	---
S-15	4/18/1990	<50	<0.5	<0.5	<0.5	<1	---	---	22.22	8.45	13.77	---	---
S-15	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	8.22	14.00	---	---
S-15	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	9.11	13.11	---	---
S-15	1/28/1991	<50	<0.5	0.6	<0.5	0.8	---	---	22.22	9.13	13.09	---	---
S-15	4/25/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	7.83	14.39	---	---
S-15	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	8.93	13.29	---	---
S-15	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	9.26	12.96	---	---
S-15	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	8.60	13.62	---	---
S-15	4/28/1992	50	0.8	0.9	<0.5	1.4	---	---	22.22	8.09	14.13	---	---
S-15	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	8.83	13.39	---	---
S-15	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	9.31	12.91	---	---
S-15	1/14/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	22.22	6.64	15.58	---	---
S-15	4/16/1993	<50	0.6	1.0	<0.5	0.7	---	---	22.22	7.14	15.08	---	---



**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-15	7/23/1993	<50	1.2	<0.5	<0.5	1.6	---	---	22.22	8.23	13.99	---	---
S-15	10/27/1993	Well inaccessible		---	---	---	---	---	22.22	---	---	---	---
S-15	1/27/1994	Well inaccessible		---	---	---	---	---	22.22	---	---	---	---
S-15	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.42	7.57	13.85	---	---
S-15	7/26/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	21.42	8.16	13.26	---	---
S-15	10/28/1994	<50	0.3	<0.3	<0.3	<0.6	---	---	21.42	7.87	13.55	---	---
S-15	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.42	7.02	14.40	---	---
S-15	4/14/1995	---	---	---	---	---	---	---	21.42	6.19	15.23	---	---
S-15	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.42	6.72	14.70	---	---
S-15	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.42	7.04	14.38	---	---
S-15	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	21.42	6.40	15.02	---	---
S-15	03/18/2002 d	---	---	---	---	---	---	---	21.47	---	---	---	---
S-15	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	21.47	7.07	14.40	---	---
S-16	5/4/1994	380	44	3.0	2.0	<3	---	---	21.82	---	---	---	---
S-16	8/10/1989	<50	0.6	<1	<1	<3	---	---	21.82	8.36	13.46	---	---
S-16	10/10/1989	<5	<0.5	<1	<1	<3	---	---	21.82	8.23	13.59	---	---
S-16	1/25/1990	240	160	3.3	0.8	11	---	---	21.82	7.88	13.94	---	---
S-16	4/18/1990	<50	1.0	<0.5	<0.5	<1	---	---	21.82	8.19	13.63	---	---
S-16	7/23/1990	<50	1.1	<0.5	<0.5	<0.5	---	---	21.82	8.09	13.73	---	---
S-16	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.82	8.90	12.92	---	---
S-16	1/28/1991	<50	<0.5	0.6	<0.5	0.9	---	---	21.82	8.55	13.27	---	---
S-16	4/25/1991	60	21	0.5	3.2	4.8	---	---	21.82	7.48	14.34	---	---
S-16	7/9/1991	<50	1.0	<0.5	<0.5	<0.5	---	---	21.82	8.48	13.34	---	---
S-16	10/8/1991	50	17	1.4	1.2	5.5	---	---	21.82	8.95	12.87	---	---
S-16	2/5/1992	150	65	0.7	<0.5	8.4	---	---	21.82	8.20	13.62	---	---
S-16	4/28/1992	<50	13	<0.5	<0.5	<0.5	---	---	21.82	7.80	14.02	---	---
S-16	7/27/1992	510	130	<2.5	<0.5	21	---	---	21.82	8.29	13.53	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-16	10/26/1992	<50	<0.5	<0.5	<2.5	<0.5	--	--	21.82	9.02	12.80	--	--
S-16	1/13/1993	100	25	1.9	<0.5	8.4	--	--	21.82	5.78	16.04	--	--
S-16	4/16/1993	150	56	1.8	4.6	12	--	--	21.82	6.80	15.02	--	--
S-16	7/23/1993	<50	0.9	<0.5	<0.5	<0.5	--	--	21.82	7.67	14.15	--	--
S-16	10/27/1993	<50	1.5	<0.5	<0.5	<0.5	--	--	21.82	8.52	13.30	--	--
S-16	1/27/1994	140	85	<1	<1	13	--	--	21.82	7.20	14.62	--	--
S-16	5/5/1994	71	25	<0.5	<0.5	4.2	--	--	21.24	7.76	13.48	--	--
S-16	7/26/1994	<50	<0.3	<0.3	<0.3	<0.6	--	--	21.24	7.84	13.40	--	--
S-16	10/28/1994	<50	11.5	<0.3	<0.3	1.8	--	--	21.24	7.97	13.27	--	--
S-16	1/2/1995	70	64	<0.5	<0.5	4.0	--	--	21.24	6.49	14.75	--	--
S-16	4/14/1995	--	--	--	--	--	--	--	21.24	6.08	15.16	--	--
S-16	7/28/1995	<50	1.7	<0.5	<0.5	<0.5	--	--	21.24	7.00	14.24	--	--
S-16	10/17/1995	<50	4.6	<0.5	<0.5	<0.5	--	--	21.24	7.15	14.09	--	--
S-16	1/11/1996	80	17	0.7	<0.5	2.9	<2	--	21.24	6.30	14.94	--	--
S-16	4/2/1996	--	--	--	--	--	--	--	21.24	5.84	15.40	--	--
S-16	7/9/1996	--	--	--	--	--	--	--	21.24	6.72	14.52	--	--
S-16	10/10/1996	--	--	--	--	--	--	--	21.24	7.41	13.83	--	--
S-16	1/9/1997	80	18	<0.50	1.7	4.8	<2.5	--	21.24	5.60	15.64	--	--
S-16	4/8/1997	--	--	--	--	--	--	--	21.24	7.34	13.90	--	--
S-16	7/21/1997	--	--	--	--	--	--	--	21.24	7.20	14.04	--	--
S-16	10/8/1997	--	--	--	--	--	--	--	21.24	7.34	13.90	--	--
S-16	1/15/1998	650	160	2.7	8.7	62	<12	--	21.24	4.79	16.45	--	--
S-16	4/14/1998	--	--	--	--	--	--	--	21.24	5.27	15.97	--	--
S-16	7/14/1998	--	--	--	--	--	--	--	21.24	6.32	14.92	--	--
S-16	10/20/1998	--	--	--	--	--	--	--	21.24	6.94	14.30	--	--
S-16	1/22/1999	Well inaccessible		--	--	--	--	--	21.24	--	--	--	--
S-16	4/8/1999	--	--	--	--	--	--	--	21.24	5.80	15.44	--	--
S-16	7/23/1999	--	--	--	--	--	--	--	21.24	6.62	14.62	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-16	10/26/1999	--	--	--	--	--	--	--	21.24	7.42	13.82	--	--
S-16	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	21.24	7.34	13.90	--	--
S-16	4/14/2000	--	--	--	--	--	--	--	21.24	6.27	14.97	--	--
S-16	7/12/2000	--	--	--	--	--	--	--	21.24	7.02	14.22	--	--
S-16	11/1/2000	--	--	--	--	--	--	--	21.24	6.79	14.45	--	--
S-16	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	3.05	--	21.24	7.18	14.06	--	--
S-16	4/24/2001	--	--	--	--	--	--	--	21.24	6.85	14.39	--	--
S-16	7/2/2001	--	--	--	--	--	--	--	21.24	7.51	13.73	--	--
S-16	11/2/2001	--	--	--	--	--	--	--	21.24	7.68	13.56	--	--
S-16	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	21.24	6.40	14.84	--	--
S-16	4/1/2002	--	--	--	--	--	--	--	21.24	6.33	14.91	--	--
S-16	7/11/2002	--	--	--	--	--	--	--	21.24	7.39	13.85	--	--
S-16	10/28/2002	--	--	--	--	--	--	--	21.30	8.00	13.30	--	--
S-16	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	21.30	6.36	14.94	--	--
S-16	4/30/2003	--	--	--	--	--	--	--	21.30	6.03	15.27	--	--
S-16	7/1/2003	--	--	--	--	--	--	--	21.30	7.28	14.02	--	--
S-16	10/8/2003	--	--	--	--	--	--	--	21.30	7.77	13.53	--	--
S-16	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.30	6.80	14.50	--	--
S-16	7/13/2004	--	--	--	--	--	--	--	21.30	7.94	13.36	--	--
S-16	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.30	5.62	15.68	--	--
S-16	7/19/2005	--	--	--	--	--	--	--	21.30	6.53	14.77	--	--
S-16	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	21.30	6.05	15.25	--	--
S-16	7/25/2006	--	--	--	--	--	--	--	21.30	7.19	14.11	--	--
S-16	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	--	--	21.30	6.89	14.41	--	--
S-16	7/24/2007	--	--	--	--	--	--	--	21.30	7.60	13.70	--	--
S-16	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	--	--	21.30	5.82	15.48	--	--
S-16	8/4/2008	--	--	--	--	--	--	--	21.30	7.55	13.75	--	--
S-16	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	--	--	21.30	7.16	14.14	--	--

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-16	7/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.30	7.69	13.61	---	---
S-16	07/21/2009*	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.30	7.69	13.61	---	---
S-16	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	---	---	21.30	6.99	14.31	---	---
S-16	7/22/2010	---	---	---	---	---	---	---	21.30	7.42	13.88	---	---
S-16	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	21.30	6.66	14.64	---	---
S-17	5/3/1989	<50	<0.5	<1	<1	<3	---	---	20.95	---	---	---	---
S-17	8/10/1989	<50	<0.5	<1	<1	<3	---	---	20.95	8.13	12.82	---	---
S-17	10/9/1989	<50	<0.5	<1	<1	<3	---	---	20.95	8.18	12.77	---	---
S-17	1/25/1990	<50	<0.5	<0.5	<0.5	<1	---	---	20.95	7.60	13.35	---	---
S-17	4/18/1990	<50	<0.5	<0.5	<0.5	<1	---	---	20.95	7.95	13.00	---	---
S-17	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	7.87	13.08	---	---
S-17	10/18/1990	390	10	62	22	110	---	---	20.95	8.71	12.24	---	---
S-17	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.54	12.41	---	---
S-17	4/25/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	7.15	13.80	---	---
S-17	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.24	12.71	---	---
S-17	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.86	12.09	---	---
S-17	2/5/1992	---	---	---	---	---	---	---	20.95	7.74	13.21	---	---
S-17	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	7.41	13.54	---	---
S-17	7/27/1992	---	---	---	---	---	---	---	20.95	8.34	12.61	---	---
S-17	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.87	12.08	---	---
S-17	1/13/1993	---	---	---	---	---	---	---	20.95	3.43	17.52	---	---
S-17	4/16/1993	130	<0.5	<0.5	<0.5	<0.5	---	---	20.95	6.70	14.25	---	---
S-17	7/23/1993	---	---	---	---	---	---	---	20.95	7.53	13.42	---	---
S-17	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.95	8.29	12.66	---	---
S-17	1/27/1994	---	---	---	---	---	---	---	20.95	5.78	15.17	---	---
S-17	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.45	6.99	13.46	---	---
S-17	7/26/1994	---	---	---	---	---	---	---	20.45	7.62	12.83	---	---

TABLE 1

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-17	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	20.45	7.91	12.54	---	---
S-17	1/2/1995	---	---	---	---	---	---	---	20.45	6.33	14.12	---	---
S-17	4/14/1995	---	---	---	---	---	---	---	20.45	5.53	14.92	---	---
S-17	7/28/1995	---	---	---	---	---	---	---	20.45	6.75	13.70	---	---
S-17	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.45	7.15	13.30	---	---
S-17	1/11/1996	---	---	---	---	---	---	---	20.45	6.37	14.08	---	---
S-17	4/2/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	20.45	5.31	15.14	---	---
S-17	7/9/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.30	14.15	---	---
S-17	10/10/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	7.80	12.65	---	---
S-17	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	4.80	15.65	---	---
S-17	4/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.83	13.62	---	---
S-17 (D)	4/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	---	---	---	---
S-17	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.78	13.67	---	---
S-17	10/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.80	13.65	---	---
S-17	1/15/1998	380	<0.50	<0.50	<0.50	0.94	<2.5	---	20.45	2.91	17.54	---	---
S-17	4/14/1998	160	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	4.47	15.98	---	---
S-17	7/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	6.45	14.00	---	---
S-17	10/20/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.45	7.11	13.34	---	---
S-17	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	20.45	6.01	14.44	---	---
S-17	4/8/1999	145	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.45	4.69	15.76	---	---
S-17	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.45	6.60	13.85	---	---
S-17	10/26/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	6.68	13.77	---	---
S-17	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	7.20	13.25	---	---
S-17	4/14/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	5.88	14.57	---	---
S-17	7/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	6.45	14.00	---	---
S-17	11/1/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	5.45	15.00	---	---
S-17	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.45	7.22	13.23	---	---
S-17	4/24/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	20.45	6.10	14.35	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-17	7/2/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	6.95	13.50	---	---
S-17	11/2/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	7.50	12.95	---	---
S-17	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	5.76	14.69	---	---
S-17	4/1/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	6.02	14.43	---	---
S-17	7/11/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.45	6.97	13.48	---	---
S-17	10/28/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	20.44	7.60	12.84	---	0.9
S-17	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.44	5.77	14.67	---	---
S-17	4/30/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	20.44	5.35	15.09	---	---
S-17	7/1/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.44	6.95	13.49	---	1.1
S-17	10/8/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.44	7.01	13.43	---	---
S-17	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.44	6.57	13.87	---	---
S-17	7/13/2004	---	---	---	---	---	---	---	20.36 f	7.71	12.65	---	---
S-17	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.36 f	5.09	15.27	---	---
S-17	7/19/2005	---	---	---	---	---	---	---	20.36	6.30	14.06	---	---
S-17	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.36	5.50	14.86	---	---
S-17	7/25/2006	---	---	---	---	---	---	---	20.36	6.84	13.52	---	---
S-17	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.36	6.15	14.21	---	---
S-17	7/24/2007	---	---	---	---	---	---	---	20.36	6.92	13.44	---	---
S-17	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.36	5.05	15.31	---	---
S-17	8/4/2008	---	---	---	---	---	---	---	20.36	6.96	13.40	---	---
S-17	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.56	13.80	---	---
S-17	7/21/2009	---	---	---	---	---	---	---	20.36	7.23	13.13	---	---
S-17	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.36	6.38	13.98	---	---
S-17	7/22/2010	---	---	---	---	---	---	---	20.36	7.12	13.24	---	---
S-17	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.36	6.46	13.90	---	---
S-18	5/31/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	---	---	---	---
S-18	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.23	12.80	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-18	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.84	12.19	---	---
S-18	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	7.67	13.36	---	---
S-18	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	7.40	13.63	---	---
S-18	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.38	12.65	---	---
S-18	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.83	12.20	---	---
S-18	1/13/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	5.86	15.17	---	---
S-18	4/16/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	4.88	16.15	---	---
S-18	7/23/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	7.56	13.47	---	---
S-18	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	21.03	8.30	12.73	---	---
S-18	1/27/1994	<50	1.9	<0.5	<0.5	<0.5	---	---	21.03	6.84	14.19	---	---
S-18	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	7.05	13.52	---	---
S-18	7/26/1994	<500	<3	1.1	<0.3	1.8	---	---	20.57	7.62	12.95	---	---
S-18	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	---	---	20.57	8.01	12.56	---	---
S-18	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	6.26	14.31	---	---
S-18	4/14/1995	---	---	---	---	---	---	---	20.57	4.85	15.72	---	---
S-18	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	5.80	14.77	---	---
S-18	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	20.57	7.22	13.35	---	---
S-18	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	---	20.57	6.40	14.17	---	---
S-18	4/2/1996	---	---	---	---	---	---	---	20.57	4.80	15.77	---	---
S-18	7/9/1996	---	---	---	---	---	---	---	20.57	5.74	14.83	---	---
S-18	10/10/1996	---	---	---	---	---	---	---	20.57	6.06	14.51	---	---
S-18	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.57	4.70	15.87	---	---
S-18	4/8/1997	---	---	---	---	---	---	---	20.57	6.62	13.95	---	---
S-18	7/21/1997	---	---	---	---	---	---	---	20.57	6.94	13.63	---	---
S-18	10/8/1997	---	---	---	---	---	---	---	20.57	6.88	13.69	---	---
S-18	1/15/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.57	3.60	16.97	---	---
S-18	4/14/1998	---	---	---	---	---	---	---	20.57	4.28	16.29	---	---
S-18	7/14/1998	---	---	---	---	---	---	---	20.57	6.13	14.44	---	---

TABLE 1

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-18	10/20/1998	--	--	--	--	--	--	--	20.57	7.20	13.37	--	--
S-18	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	--	20.57	6.00	14.57	--	--
S-18	4/8/1999	--	--	--	--	--	--	--	20.57	4.95	15.62	--	--
S-18	7/23/1999	--	--	--	--	--	--	--	20.57	6.03	14.54	--	--
S-18	10/26/1999	--	--	--	--	--	--	--	20.57	7.39	13.18	--	--
S-18	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	--	20.57	7.54	13.03	--	--
S-18	4/14/2000	--	--	--	--	--	--	--	20.57	4.41	16.16	--	--
S-18	7/12/2000	--	--	--	--	--	--	--	20.57	5.31	15.26	--	--
S-18	11/1/2000	--	--	--	--	--	--	--	20.57	6.42	14.15	--	--
S-18	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	3.67	--	20.57	7.30	13.27	--	--
S-18	4/24/2001	--	--	--	--	--	--	--	20.57	6.83	13.74	--	--
S-18	7/2/2001	--	--	--	--	--	--	--	20.57	7.23	13.34	--	--
S-18	11/2/2001	Unable to locate		--	--	--	--	--	20.57	--	--	--	--
S-18	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	20.57	6.15	14.42	--	--
S-18	4/1/2002	--	--	--	--	--	--	--	20.57	6.06	14.51	--	--
S-18	7/11/2002	--	--	--	--	--	--	--	20.57	6.98	13.59	--	--
S-18	10/28/2002	--	--	--	--	--	--	--	20.63	7.66	12.97	--	--
S-18	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	--	<5.0	20.63	6.18	14.45	--	--
S-18	4/30/2003	--	--	--	--	--	--	--	20.63	5.32	15.31	--	--
S-18	7/1/2003	--	--	--	--	--	--	--	20.63	7.20	13.43	--	--
S-18	10/8/2003	--	--	--	--	--	--	--	20.63	7.48	13.15	--	--
S-18	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	--	--	20.63	6.74	13.89	--	--
S-18	7/13/2004	--	--	--	--	--	--	--	20.63	7.87	12.76	--	--
S-18	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	--	--	20.63	5.33	15.30	--	--
S-18	7/19/2005	--	--	--	--	--	--	--	20.63	6.55	14.08	--	--
S-18	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	--	--	20.63	5.89	14.74	--	--
S-18	7/25/2006	--	--	--	--	--	--	--	20.63	7.10	13.53	--	--
S-18	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	--	--	20.63	6.60	14.03	--	--



**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-18	7/24/2007	---	---	---	---	---	---	---	20.63	7.13	13.50	---	---
S-18	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.63	5.25	15.38	---	---
S-18	8/4/2008	---	---	---	---	---	---	---	20.63	7.85	12.78	---	---
S-18	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.63	6.98	13.65	---	---
S-18	7/21/2009	---	---	---	---	---	---	---	20.63	7.43	13.20	---	---
S-18	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.63	6.67	13.96	---	---
S-18	7/22/2010	---	---	---	---	---	---	---	20.63	7.31	13.32	---	---
S-18	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.63	6.52	14.11	---	---
S-19	10/20/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	20.11	6.41	13.70	---	---
S-19	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	90.6	---	20.11	5.42	14.69	---	---
S-19	4/8/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.11	4.61	15.50	---	---
S-19	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	20.11	5.86	14.25	---	---
S-19	10/26/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	6.28	13.83	---	---
S-19	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	6.62	13.49	---	---
S-19	4/14/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	4.31	15.80	---	---
S-19	7/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	5.46	14.65	---	---
S-19	11/1/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	20.11	5.05	15.06	---	---
S-19	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	9.61	---	20.11	6.00	14.11	---	---
S-19	4/24/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	20.11	5.58	14.53	---	---
S-19	7/2/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	6.34	13.77	---	3.4
S-19	11/2/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	6.57	13.54	---	3.4
S-19	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	5.05	15.06	---	0.5
S-19	4/1/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	5.13	14.98	---	3.3
S-19	7/11/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.11	5.50	14.61	---	0.5
S-19	10/28/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	20.10	6.35	13.75	---	0.6
S-19	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	20.10	5.15	14.95	---	0.3
S-19	4/30/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	20.10	4.90	15.20	---	0.5

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
S-19	7/1/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.10	5.50	14.60	---	1.7
S-19	10/8/2003	58	<0.50	<0.50	<0.50	<1.0	---	<0.50	20.10	6.63	13.47	---	0.4
S-19	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.10	5.67	14.43	---	0.6
S-19	7/13/2004	---	---	---	---	---	---	---	20.10	6.82	13.28	---	1.0
S-19	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.10	4.75	15.35	---	0.6
S-19	7/19/2005	---	---	---	---	---	---	---	20.10	5.15	14.95	---	---
S-19	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	---	20.10	4.85	15.25	---	---
S-19	7/25/2006	---	---	---	---	---	---	---	20.10	6.14	13.96	---	---
S-19	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.10	5.75	14.35	---	---
S-19	7/24/2007	---	---	---	---	---	---	---	20.10	6.39	13.71	---	---
S-19	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	---	---	20.10	4.72	15.38	---	---
S-19	8/4/2008	---	---	---	---	---	---	---	20.10	6.43	13.67	---	---
S-19	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.10	6.18	13.92	---	---
S-19	7/21/2009	---	---	---	---	---	---	---	20.10	6.67	13.43	---	---
S-19	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	---	---	20.10	6.14	13.96	---	---
S-19	7/22/2010	---	---	---	---	---	---	---	20.10	5.73	14.37	---	---
S-19	2/1/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	20.10	5.39	14.71	---	---
SR-1	3/22/1989	5400	1100	230	350	1300	---	---	21.45	---	---	---	---
SR-1	1/25/1990	2200	470	120	110	510	---	---	21.45	7.53	13.92	---	---
SR-1	4/18/1990	1000	130	47	47	220	---	---	21.45	8.17	13.28	---	---
SR-1	7/23/1990	3200	470	320	170	870	---	---	21.45	7.58	13.87	---	---
SR-1	10/18/1990	1300	280	6.6	110	130	---	---	21.45	8.81	12.64	---	---
SR-1	1/28/1991	110	120	12	51	110	---	---	21.45	8.37	13.08	---	---
SR-1	4/25/1991	---	---	---	---	---	---	---	21.45	6.91	14.54	---	---
SR-1	7/9/1991	1400	200	27	130	340	---	---	21.45	8.11	13.34	---	---
SR-1	10/8/1991	980	79	1.5	44	52	---	---	21.45	8.63	12.82	---	---
SR-1	2/5/1991	3800	580	36	320	400	---	---	21.45	7.68	13.77	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
SR-1	4/28/1992	38000	1800	460	1900	750	---	---	21.45	7.27	14.18	---	---
SR-1	7/27/1992	---	---	---	---	---	---	---	21.45	8.11	13.34	0.01	---
SR-1	10/26/1992	1800	370	10	130	130	---	---	21.45	8.63	12.82	---	---
SR-1	1/13/1993	47000	1000	1100	1700	13000	---	---	21.45	5.46	15.99	---	---
SR-1	4/16/1993	25000	1700	430	2400	8300	---	---	21.45	6.28	15.17	---	---
SR-1	7/23/1993	33000	2400	2000	3800	14000	---	---	21.45	7.34	14.11	---	---
SR-1	10/27/1993	2300	340	<12.5	270	440	---	---	21.45	8.04	13.41	---	---
SR-1	1/27/1994	36000	2000	1700	3000	11000	---	---	21.45	6.68	14.77	---	---
SR-1	5/5/1994	43000	1500	130	2900	12000	---	---	20.57	6.81	13.76	---	---
SR-1	7/26/1994	13600	682.7	39.2	996.6	2516	---	---	20.57	7.38	13.19	---	---
SR-1	10/28/1994	8462	301.5	29.3	384.7	2019	---	---	20.57	7.48	13.09	---	---
SR-1	1/2/1995	13000	400	120	2500	10000	---	---	20.57	6.34	14.23	---	---
SR-1	4/14/1995	43000	690	370	2500	12000	---	---	20.57	5.29	15.28	---	---
SR-1	7/28/1995	35000	760	120	2300	8100	---	---	20.57	6.36	14.21	---	---
SR-1	10/17/1995	9700	310	12	610	1200	---	---	20.57	6.62	13.95	---	---
SR-1 (D)	10/17/1995	8300	230	9.6	680	840	---	---	20.57	---	---	---	---
SR-1	1/11/1996	18000	410	170	1200	4400	42	---	20.57	5.66	14.91	---	---
SR-1 (D)	1/11/1996	17000	420	180	1100	4000	42	---	20.57	---	---	---	---
SR-1	4/2/1996	---	---	---	---	---	---	---	20.57	5.14	15.43	---	---
SR-1	7/9/1996	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	10/10/1996	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	1/9/1997	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	4/8/1997	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	7/21/1997	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	10/8/1997	---	---	---	---	---	---	---	20.57	6.94	13.63	---	---
SR-1	1/15/1998	8100	82	<25	36	2300	<125	---	20.57	4.30	16.27	---	---
SR-1	4/14/1998	Well inaccessible	---	---	---	---	---	---	20.57	---	---	---	---
SR-1	7/14/1998	---	---	---	---	---	---	---	20.28	6.48	13.80	---	---

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPH-g (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
SR-1	10/20/1998	---	---	---	---	---	---	---	20.28	6.61	13.67	---	---
SR-1	1/22/1999	Well inaccessible	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	4/8/1999	---	---	---	---	---	---	---	20.28	0.97	19.31	---	---
SR-1	7/23/1999	Well dry	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	10/26/1999	Well dry	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	4/14/2000	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	7/12/2000	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	11/1/2000	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	1/3/2001	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	4/24/2001	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	7/2/2001	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	11/2/2001	Well dry	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	1/16/2002	Well dry	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	4/1/2002	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	7/11/2002	Obstruction in well	---	---	---	---	---	---	20.28	---	---	---	---
SR-1	10/28/2002	Obstruction in well	---	---	---	---	---	---	20.27	---	---	---	---
SR-1	1/23/2003	Obstruction in well	---	---	---	---	---	---	20.27	---	---	---	---
SR-1	4/30/2003	Obstruction in well	---	---	---	---	---	---	20.27	---	---	---	---
SR-1	7/1/2003	Obstruction in well	---	---	---	---	---	---	20.27	---	---	---	---
SR-1	10/8/2003	Well dry	---	---	---	---	---	---	20.27	---	---	---	---
SV-1	04/15/1998 b	---	---	---	---	---	---	---	---	6.02	---	---	---
SV-1	04/15/1998 c	---	---	---	---	---	---	---	---	7.15	---	---	---
SV-1	03/18/2002 d	---	---	---	---	---	---	---	21.31	---	---	---	---
SV-1	1/22/2004	3000	15	<2.5	34	11	---	<2.5	21.31	6.67	14.64	---	---

## Abbreviations:

TPH-g = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to April 24, 2001, analyzed by EPA Method 8015.

**GROUNDWATER DATA  
FORMER SHELL SERVICE STATION  
15275 WASHINGTON AVENUE, SAN LEANDRO, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPH-g (ug/L)</i>	<i>B (ug/L)</i>	<i>T (ug/L)</i>	<i>E (ug/L)</i>	<i>X (ug/L)</i>	<i>MTBE 8020 (ug/L)</i>	<i>MTBE 8260 (ug/L)</i>	<i>TOC (MSL)</i>	<i>Depth to Water (ft.)</i>	<i>GW Elevation (MSL)</i>	<i>SPH Thickness (ft.)</i>	<i>DO Reading (ppm)</i>
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BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to April 24, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether

TOC = Top of casing elevation

SPH = Separate-phase hydrocarbons

GW = Groundwater

DO = Dissolved oxygen

ug/L = Parts per billion

MSL = Mean sea level

ppm = Parts per million

ft. = Feet

<n = Below detection limit

(D) = Duplicate sample

NA = Not applicable

Notes:

a = Chromatogram pattern indicated an unidentified hydrocarbon.

b = Pre-development sample

c = Post-development sample

d = Survey date only.

e = DO reading not taken.

f = TOC lowered 0.08 feet due to wellhead maintenance on June 3, 2004.

g = Analyzed by EPA Method 8015B (M).

h = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

i = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

Site surveyed March 18, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

\* = Purge sample

APPENDIX A

BLAINE TECH SERVICES, INC. -  
FIELD NOTES

# WELL GAUGING DATA

Project # 110201 - IWI Date 2/1/11 Client SHELL

Site 15275 WASHINGTON BLVD., SAN LEANDRO, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes	
S-1	0912	3					6.68	19.76	↓		
S-3	0939	2					6.26	20.82			
S-5	0918	4					6.55	18.02			
S-7	0922	3					6.61	23.81			
S-8	0906	3					6.12	23.95			
S-9	0944	3	ODOR				5.86	17.45 <del>17.61</del>			
S-10	0838	3					6.32	17.59			
S-13	1022	3					6.53	23.25			TRAFFIC
S-16	0927	3					6.66	23.39			
S-17	0826	3					6.46	23.82			
S-18	0808	3					6.52	17.64			
S-19	0848	2					5.39	20.16			

## SHELL WELL MONITORING DATA SHEET

BTS #: <b>110201-IW1</b>	Site: <b>15275 WASHINGTON BLVD., SAN LEANDRO, CA</b>
Sampler: <b>IW</b>	Date: <b>2/1/11</b>
Well I.D.: <b>S-1</b>	Well Diameter: 2 <u>3</u> 4 6 8 _____
Total Well Depth (TD): <b>19.76</b>	Depth to Water (DTW): <b>6.68</b>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <b>9.30</b>	

Purge Method: Bailer	Wattera	Sampling Method: <input checked="" type="checkbox"/> Bailer
Disposible Bailer	Peristaltic	Disposible Bailer
Positive Air Displacement	Extraction Pump	Extraction Port
<input checked="" type="checkbox"/> Electric Submersible	Other _____	Dedicated Tubing

<b>4.9</b> (Gals.) X <b>3</b> = <b>14.7</b> Gals.			
I Case Volume	Specified Volumes	Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1104	63.3	7.85	326	352	4.9	
1106	66.1	7.35	448	419	9.8	
1109	69.8	7.38	442	462	14.7	DTW=9.77

Did well dewater? Yes  No  Gallons actually evacuated: **14.7**

Sampling Date: **2/1/11** Sampling Time: **1115** Depth to Water: **9.09**

Sample I.D.: **S-1** Laboratory: Test America Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: **SEE COC**

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
	O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:



## SHELL WELL MONITORING DATA SHEET

BTS #: 110201-IW1	Site: 15275 WASHINGTON BLVD., SAN LEANDRO, CA
Sampler: IW	Date: 2/1/11
Well I.D.: S-3	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): 20.82	Depth to Water (DTW): 6.26
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.18	

Purge Method: <input checked="" type="checkbox"/> Bailer	Watterra	Sampling Method: <input checked="" type="checkbox"/> Bailer
Disposible Bailer	Peristaltic	Disposible Bailer
Positive Air Displacement	Extraction Pump	Extraction Port
Electric Submersible	Other _____	Dedicated Tubing
		Other: _____

$2.4 \text{ (Gals.)} \times 3 = 7.2 \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1432	65.9	7.70	936	26	2.4	
1437	66.4	7.52	978	28	4.8	
1442	66.1	7.49	986	20	7.2	

Did well dewater?    Yes     No       Gallons actually evacuated: 7.2

Sampling Date: 2/1/11      Sampling Time: 1445      Depth to Water: 8.85

Sample I.D.: S-3      Laboratory: Test America      Other \_\_\_\_\_

Analyzed for: TPH-G    BTEX    MTBE    TPH-D    Oxygenates (5)    Other: SEE COC

EB I.D. (if applicable):      @      Time      Duplicate I.D. (if applicable):

Analyzed for: TPH-G    BTEX    MTBE    TPH-D    Oxygenates (5)    Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 110201-IW1	Site: 15275 WASHINGTON BLVD., <span style="float: right;">SAN LEANDRO CA</span>
Sampler: IW	Date: 2/1/11
Well I.D.: S-5	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 18.02	Depth to Water (DTW): 6.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.85	

Purge Method:  Bailer       Waterra      Sampling Method:  Bailer  
 Disposable Bailer       Peristaltic       Disposable Bailer  
 Positive Air Displacement       Extraction Pump       Extraction Port  
 Electric Submersible      Other \_\_\_\_\_       Dedicated Tubing

Other: \_\_\_\_\_

7.5 (Gals.) X 3 = 22.5 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1156	62.7	7.56	539	37	7.5	
1200	64.0	7.28	518	68	15.0	
1204	63.9	7.26	506	86	22.5	DTW = 14.98

Did well dewater? Yes  No  Gallons actually evacuated: 22.5

Sampling Date: 2/1/11      Sampling Time: ~~15:30~~ <sup>1530</sup>      Depth to Water: ~~7.48~~ <sup>WAITED</sup>

Sample I.D.: S-5      Laboratory: Test America      Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

EB I.D. (if applicable): @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <b>110201-IW1</b>	Site: <b>15275 WASHINGTON BLVD., SAN LEANDRO CA</b>
Sampler: <b>IW</b>	Date: <b>2/1/11</b>
Well I.D.: <b>S-7</b>	Well Diameter: 2 <u>(3)</u> 4 6 8 _____
Total Well Depth (TD): <b>23.81</b>	Depth to Water (DTW): <b>6.61</b>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <b>10.05</b>	

Purge Method:     Bailer                                     Waterra                                     Sampling Method:      Bailer  
                              Disposable Bailer                                     Peristaltic                                     Disposable Bailer  
                              Positive Air Displacement                                     Extraction Pump                                     Extraction Port  
 Electric Submersible                                     Other \_\_\_\_\_                                     Dedicated Tubing

Other: \_\_\_\_\_

$6.4 \text{ (Gals.)} \times \underline{3} = \underline{19.2} \text{ Gals.}$ <p>1 Case Volume                                     Specified Volumes                                     Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1216	66.9	7.18	756	143	6.4	
1221	67.6	6.96	831	117	12.8	
1224	67.9	6.94	838	103	19.2	

Did well dewater?     Yes      No                                     Gallons actually evacuated:     **19.2**

Sampling Date: **2/1/11**     Sampling Time: **1230**     Depth to Water: **9.54**

Sample I.D.: **S-7**                                     Laboratory: Test America     Other \_\_\_\_\_

Analyzed for:     TPH-G     BTEX     MTBE     TPH-D     Oxygenates (5)     Other: **SEE COC**

EB I.D. (if applicable):     @     \_\_\_\_\_     Duplicate I.D. (if applicable):

Analyzed for:     TPH-G     BTEX     MTBE     TPH-D     Oxygenates (5)     Other:

D.O. (if req'd):     Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):     Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 110201-IW1	Site: 15275 WASHINGTON BLVD., <span style="float: right;">SAN LEANDRO CA</span>
Sampler: IW	Date: 2/1/11
Well I.D.: S-8	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 23.95	Depth to Water (DTW): 6.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.69	

Purge Method: Bailer    Waterra    Sampling Method:  Bailer  
                   Disposable Bailer    Peristaltic    Disposable Bailer  
                   Positive Air Displacement    Extraction Pump    Extraction Port  
                    Electric Submersible    Other \_\_\_\_\_    Dedicated Tubing

Other: \_\_\_\_\_

6.6 (Gals.) X 3 = 19.8 Gals.  
 1 Case Volume                              Specified Volumes                              Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1406	69.7	7.66	492	34	6.6	
1410	70.2	7.18	679	13	13.2	
1414	70.5	7.14	684	11	19.8	DTW=15.34

Did well dewater?      Yes   No                              Gallons actually evacuated: 19.8

Sampling Date: 2/1/11                              Sampling Time: 1420                              Depth to Water: 6.82

Sample I.D.: S-8    Laboratory: Test America                              Other \_\_\_\_\_

Analyzed for: TPH-G    BTEX    MTBE    TPH-D    Oxygenates (5)    Other: SEE COC

EB I.D. (if applicable): @ \_\_\_\_\_ Time \_\_\_\_\_ Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G    BTEX    MTBE    TPH-D    Oxygenates (5)    Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L		Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV		Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 110201-IW1	Site: 15275 WASHINGTON BLVD., <span style="float: right;">SAN LEANDRO CA</span>
Sampler: IW	Date: 2/1/11
Well I.D.: 5-9	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth (TD): 17.45	Depth to Water (DTW): 5.84
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.18	

Purge Method: Bailer Disposable Bailer Positive Air Displacement <input checked="" type="checkbox"/> Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: <input checked="" type="checkbox"/> Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____
--	--	---

$4.3$ (Gals.) X $3$ = $12.9$ Gals. I Case Volume                      Specified Volumes                      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1502	68.6	7.87	927	221	4.3	STRONG ODOR
1504	69.2	7.42	908	129	8.6	" "
1507	69.6	7.38	895	86	12.9	" "

Did well dewater? Yes   No                      Gallons actually evacuated: 12.9

Sampling Date: 2/1/11                      Sampling Time: 1520                      Depth to Water: 8.15

Sample I.D.: 5-9                      Laboratory: Test America                      Other: \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5)                      Other: SEE COC

EB I.D. (if applicable): @ \_\_\_\_\_ Time                      Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5)                      Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 110201-IWI	Site: 15275 WASHINGTON BLVD., <span style="float: right;">SAN LEANDRO CA</span>
Sampler: IW	Date: 2/1/11
Well I.D.: S-10	Well Diameter: 2 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span> 4 6 8 _____
Total Well Depth (TD): 17.59	Depth to Water (DTW): 6.32
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">PVC</span> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.58	

Purge Method: Bailer Disposable Bailer Positive Air Displacement <input checked="" type="checkbox"/> Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: <input checked="" type="checkbox"/> Bailer Disposable Bailer Extraction Port Dedicated Tubing Other: _____
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4.2 (Gals.) X	<u>3</u>	= <u>12.6</u> Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">µS</span> )	Turbidity (NTUs)	Gals. Removed	Observations
1317	66.2	7.59	922	220	4.2	
1319	67.1	7.46	884	282	8.4	
1322	67.4	7.42	874	144	12.6	

Did well dewater? Yes  No  Gallons actually evacuated: 12.6

Sampling Date: 2/1/11 Sampling Time: 1325 Depth to Water: 8.46

Sample I.D.: S-10 Laboratory: Test America Other: \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 110201-IWI	Site: 15275 WASHINGTON BLVD., SAN LEANDRO, CA
Sampler: IW	Date: 2/1/11
Well I.D.: 5-13	Well Diameter: 2 (3) 4 6 8
Total Well Depth (TD): 23.25	Depth to Water (DTW): 6.53
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.88	

Purge Method: Bailer       Watera       Sampling Method:  Bailer  
 Disposable Bailer       Peristaltic       Disposable Bailer   
 Positive Air Displacement       Extraction Pump       Extraction Port   
 Electric Submersible  Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

6.2 (Gals.) X 3 = 18.6 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1028	65.6	7.70	596	67	6.2	
1032	67.2	7.67	588	50	12.4	
1036	67.4	7.64	586	42	18.6	

Did well dewater? Yes  No       Gallons actually evacuated: 18.6

Sampling Date: 2/1/11      Sampling Time: 1040      Depth to Water: 9.23

Sample I.D.: 5-13      Laboratory: Test America      Other: \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

EB I.D. (if applicable): @ Time      Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: 110201-IW1	Site: 15275 WASHINGTON BLVD., SAN LEANDRO, CA
Sampler: IW	Date: 2/1/11
Well I.D.: S-16	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth (TD): 23.39	Depth to Water (DTW): 6.66
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.01	

Purge Method: Bailer      Waterra      Sampling Method:  Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
 Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

$6.2$  (Gals.)  $\times$  3 = 18.6 Gals.  
 1 Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>μS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1128	61.2	7.16	1083	53	6.2	
1132	63.8	6.99	1092	55	12.4	
1136	63.5	6.98	1086	48	18.6	

Did well dewater? Yes   No      Gallons actually evacuated: 18.6

Sampling Date: 2/1/11      Sampling Time: 1140      Depth to Water: 9.46

Sample I.D.: S-16      Laboratory: Test America      Other \_\_\_\_\_

Analyzed for: TPH-G   BTEX   MTBE   TPH-D   Oxygenates (5)   Other: SEE COC

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: TPH-G   BTEX   MTBE   TPH-D   Oxygenates (5)   Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
	O.R.P. (if req'd):	mV	mV	mV



## SHELL WELL MONITORING DATA SHEET

BTS #: 110201-IW1	Site: 15275 WASHINGTON BLVD., SAN LEANDRO, CA
Sampler: IW	Date: 2/1/11
Well I.D.: S-17	Well Diameter: 2 <u>3</u> 4 6 8
Total Well Depth (TD): 23.82	Depth to Water (DTW): 6.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.94	

Purge Method: Bailer      Waterra      Sampling Method:  Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
 Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

<p><u>6.5</u> (Gals.) X <u>3</u> = <u>19.5</u> Gals.                  I Case Volume      Specified Volumes      Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1255	66.7	7.84	814	75	6.5	
1258	67.4	7.52	809	39	13.0	
1301	67.2	7.49	816	34	19.5	

Did well dewater?    Yes    No      Gallons actually evacuated: 19.5

Sampling Date: 2/1/11      Sampling Time: 1305      Depth to Water: 8.52

Sample I.D.: S-17      Laboratory: Test America      Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COC

EB I.D. (if applicable): @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <b>110201-IW1</b>	Site: <b>15275 WASHINGTON BLVD.,</b> <span style="float: right;"><b>SAN LEANDRO CA</b></span>
Sampler: <b>IW</b>	Date: <b>2/1/11</b>
Well I.D.: <b>S-18</b>	Well Diameter: 2 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">3</span> 4 6 8 _____
Total Well Depth (TD): <b>17.64</b>	Depth to Water (DTW): <b>6.52</b>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">PVC</span> Grade	D.O. Meter (if req'd): <b>YSI</b> <b>HACH</b>
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <b>6.75</b>	

Purge Method: Bailer      Waterra      Sampling Method:  Bailer  
 Disposable Bailer      Peristaltic      Disposable Bailer  
 Positive Air Displacement      Extraction Pump      Extraction Port  
 Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

$4.2 \text{ (Gals.)} \times 3 = 12.6 \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="font-size: small;">Well Diameter</th> <th style="font-size: small;">Multiplier</th> <th style="font-size: small;">Well Diameter</th> <th style="font-size: small;">Multiplier</th> </tr> </thead> <tbody> <tr> <td style="font-size: x-small;">1"</td> <td style="font-size: x-small;">0.04</td> <td style="font-size: x-small;">4"</td> <td style="font-size: x-small;">0.65</td> </tr> <tr> <td style="font-size: x-small;">2"</td> <td style="font-size: x-small;">0.16</td> <td style="font-size: x-small;">6"</td> <td style="font-size: x-small;">1.47</td> </tr> <tr> <td style="font-size: x-small;">3"</td> <td style="font-size: x-small;">0.37</td> <td style="font-size: x-small;">Other</td> <td style="font-size: x-small;">radius<sup>2</sup> * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius <sup>2</sup> * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius <sup>2</sup> * 0.163														
I Case Volume	Specified Volumes	Calculated Volume															

Time	Temp (°F)	pH	Cond. (mS or <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">µS</span> )	Turbidity (NTUs)	Gals. Removed	Observations
1244	66.1	7.49	831	39	4.2	
1246	WELL	DEWATERED @ 6.5 GALONS			6.5	DTW = 15.10
1250	68.4	7.22	690	29	GRAB	

Did well dewater?  Yes    No      Gallons actually evacuated: **6.5**

Sampling Date: **2/1/11**      Sampling Time: **1250**      Depth to Water: ~~WAITED IW~~ **8.63**

Sample I.D.: **S-18**      Laboratory: Test America      Other \_\_\_\_\_

Analyzed for: **TPH-G** **BTEX** **MTBE** **TPH-D** **Oxygenates (5)**      Other: **SEE COC**

EB I.D. (if applicable): \_\_\_\_\_ @ \_\_\_\_\_ Time      Duplicate I.D. (if applicable): \_\_\_\_\_

Analyzed for: **TPH-G** **BTEX** **MTBE** **TPH-D** **Oxygenates (5)**      Other: \_\_\_\_\_

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

## SHELL WELL MONITORING DATA SHEET

BTS #: <b>110201-IW1</b>	Site: <b>15275 WASHINGTON BLVD., SAN LEANDRO, CA</b>
Sampler: <b>IW</b>	Date: <b>2/1/11</b>
Well I.D.: <b>S-19</b>	Well Diameter: <b>2</b> 3 4 6 8 _____
Total Well Depth (TD): <b>20.16</b>	Depth to Water (DTW): <b>5.39</b>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
Referenced to: <b>PVC</b> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <b>8.34</b>	

Purge Method:  Bailer      Waterra      Sampling Method:  Bailer  
                           Disposable Bailer      Peristaltic      Disposable Bailer  
                           Positive Air Displacement      Extraction Pump      Extraction Port  
                           Electric Submersible      Other \_\_\_\_\_      Dedicated Tubing

Other: \_\_\_\_\_

**2.4** (Gals.) X **3** = **7.2** Gals.  
 I Case Volume      Specified Volumes      Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1340	66.0	7.66	742	71000	2.4	
1344	66.5	7.44	732	71000	4.8	
1349	66.8	7.42	726	71000	7.2	

Did well dewater? Yes  No  Gallons actually evacuated: **7.2**

Sampling Date: **2/1/11** Sampling Time: **1355** Depth to Water: **8.21**

Sample I.D.: **S-19** Laboratory: **Test America** Other \_\_\_\_\_

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: **SEE COC**

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

# SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 15275 WASHINGTON BLVD. SAN LEANDRO, CA Date 2/1/11

Job Number 110201-IW1 Technician IW Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
S-1							X		VAULT. CRACKED/CROSHED APRON. NOT LOOSE
S-3	X								VAULT.
S-5	X								VAULT.
S-7	X								VAULT.
S-8	X								VAULT.
S-9	X	X							
S-10	X	X							
S-13	X								CHRISTY BOX.
S-16	X	X							
S-17	X	X	X						
S-18	X	X							
S-19		X					X		WELL BOX BELOW GRADE.

\*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12" or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes: \_\_\_\_\_

APPENDIX B

TEST AMERICA -  
LABORATORY REPORT

## LABORATORY REPORT

Prepared For: Blaine Tech San Jose/CRA Shell  
1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attention: Lorin King

Project: 15275 Washington Blvd., San  
Leandro, CA - Shell  
129460

Sampled: 02/01/11  
Received: 02/03/11  
Issued: 02/17/11 14:14

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

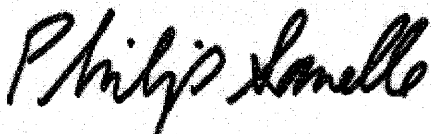
*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.*

*This entire report was reviewed and approved for release.*

## SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUB0436-01	S-1	Water
IUB0436-02	S-3	Water
IUB0436-03	S-5	Water
IUB0436-04	S-7	Water
IUB0436-05	S-8	Water
IUB0436-06	S-9	Water
IUB0436-07	S-10	Water
IUB0436-08	S-13	Water
IUB0436-09	S-16	Water
IUB0436-10	S-17	Water
IUB0436-11	S-18	Water
IUB0436-12	S-19	Water

Reviewed By:



TestAmerica Irvine

Philip Sanelle  
Project Manager

Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
 129460  
 Report Number: IUB0436

Sampled: 02/01/11  
 Received: 02/03/11

## VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUB0436-01 (S-1 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	ND	1	2/14/2011	2/14/2011	
Surrogate: Dibromofluoromethane (80-120%)				103 %				
Surrogate: Toluene-d8 (80-120%)				105 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				102 %				
<b>Sample ID: IUB0436-02 (S-3 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	ND	1	2/14/2011	2/14/2011	
Surrogate: Dibromofluoromethane (80-120%)				100 %				
Surrogate: Toluene-d8 (80-120%)				105 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				92 %				
<b>Sample ID: IUB0436-03 (S-5 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	ND	1	2/14/2011	2/14/2011	
Surrogate: Dibromofluoromethane (80-120%)				102 %				
Surrogate: Toluene-d8 (80-120%)				108 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				94 %				
<b>Sample ID: IUB0436-04 (S-7 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	ND	1	2/14/2011	2/14/2011	
Surrogate: Dibromofluoromethane (80-120%)				107 %				
Surrogate: Toluene-d8 (80-120%)				108 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				94 %				
<b>Sample ID: IUB0436-05 (S-8 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	77	1	2/14/2011	2/14/2011	
Surrogate: Dibromofluoromethane (80-120%)				101 %				
Surrogate: Toluene-d8 (80-120%)				105 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				93 %				
<b>Sample ID: IUB0436-06 (S-9 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	250	12000	5	2/14/2011	2/14/2011	
Surrogate: Dibromofluoromethane (80-120%)				111 %				
Surrogate: Toluene-d8 (80-120%)				102 %				
Surrogate: 4-Bromofluorobenzene (80-120%)				93 %				

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Philip Sanelle  
 Project Manager

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Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
 129460  
 Report Number: IUB0436

Sampled: 02/01/11  
 Received: 02/03/11

## VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUB0436-07 (S-10 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								101 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								101 %
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								95 %
<b>Sample ID: IUB0436-08 (S-13 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								100 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								102 %
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								97 %
<b>Sample ID: IUB0436-09 (S-16 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								108 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								102 %
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								91 %
<b>Sample ID: IUB0436-10 (S-17 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								100 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								105 %
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								97 %
<b>Sample ID: IUB0436-11 (S-18 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1644	50	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								101 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								101 %
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								102 %
<b>Sample ID: IUB0436-12 (S-19 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11B1633	50	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: Dibromofluoromethane (80-120%)</i>								103 %
<i>Surrogate: Toluene-d8 (80-120%)</i>								105 %
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>								92 %

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 Project Manager

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Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
 129460  
 Report Number: IUB0436

Sampled: 02/01/11  
 Received: 02/03/11

## BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUB0436-01 (S-1 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>102 %</i>				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				<i>103 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>105 %</i>				
<b>Sample ID: IUB0436-02 (S-3 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>92 %</i>				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				<i>100 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>105 %</i>				
<b>Sample ID: IUB0436-03 (S-5 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				<i>94 %</i>				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				<i>102 %</i>				
<i>Surrogate: Toluene-d8 (80-120%)</i>				<i>108 %</i>				

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Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
 129460  
 Report Number: IUB0436

Sampled: 02/01/11  
 Received: 02/03/11

## BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUB0436-04 (S-7 - Water)</b>				<b>Sampled: 02/01/11</b>				
Reporting Units: ug/l								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)					94 %			
Surrogate: Dibromofluoromethane (80-120%)					107 %			
Surrogate: Toluene-d8 (80-120%)					108 %			
<b>Sample ID: IUB0436-05 (S-8 - Water)</b>				<b>Sampled: 02/01/11</b>				
Reporting Units: ug/l								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)					93 %			
Surrogate: Dibromofluoromethane (80-120%)					101 %			
Surrogate: Toluene-d8 (80-120%)					105 %			
<b>Sample ID: IUB0436-06 (S-9 - Water)</b>				<b>Sampled: 02/01/11</b>				
Reporting Units: ug/l								
Benzene	EPA 8260B	11B1633	2.5	28	5	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	2.5	41	5	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	2.5	2.6	5	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	5.0	ND	5	2/14/2011	2/14/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)					93 %			
Surrogate: Dibromofluoromethane (80-120%)					111 %			
Surrogate: Toluene-d8 (80-120%)					102 %			

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Philip Sanelle  
 Project Manager

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Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
 129460  
 Report Number: IUB0436

Sampled: 02/01/11  
 Received: 02/03/11

## BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUB0436-07 (S-10 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				95 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				101 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				101 %				
<b>Sample ID: IUB0436-08 (S-13 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				97 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				100 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				102 %				
<b>Sample ID: IUB0436-09 (S-16 - Water)</b>				<b>Sampled: 02/01/11</b>				
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				91 %				
<i>Surrogate: Dibromofluoromethane (80-120%)</i>				108 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				102 %				

TestAmerica Irvine

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 Project Manager

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Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
 129460  
 Report Number: IUB0436

Sampled: 02/01/11  
 Received: 02/03/11

## BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: IUB0436-10 (S-17 - Water)</b>						<b>Sampled: 02/01/11</b>		
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>					97 %			
<i>Surrogate: Dibromofluoromethane (80-120%)</i>					100 %			
<i>Surrogate: Toluene-d8 (80-120%)</i>					105 %			
<b>Sample ID: IUB0436-11 (S-18 - Water)</b>						<b>Sampled: 02/01/11</b>		
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11B1644	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1644	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1644	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1644	1.0	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>					102 %			
<i>Surrogate: Dibromofluoromethane (80-120%)</i>					101 %			
<i>Surrogate: Toluene-d8 (80-120%)</i>					101 %			
<b>Sample ID: IUB0436-12 (S-19 - Water)</b>						<b>Sampled: 02/01/11</b>		
<b>Reporting Units: ug/l</b>								
Benzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Ethylbenzene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Toluene	EPA 8260B	11B1633	0.50	ND	1	2/14/2011	2/14/2011	
Xylenes, Total	EPA 8260B	11B1633	1.0	ND	1	2/14/2011	2/14/2011	
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>					92 %			
<i>Surrogate: Dibromofluoromethane (80-120%)</i>					103 %			
<i>Surrogate: Toluene-d8 (80-120%)</i>					105 %			

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Philip Sanelle  
 Project Manager

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Blaine Tech San Jose/CRA Shell  
1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
129460  
Report Number: IUB0436

Sampled: 02/01/11  
Received: 02/03/11

## METHOD BLANK/QC DATA

### VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Data Qualifiers
<b>Batch: 11B1633 Extracted: 02/14/11</b>									
<b>Blank Analyzed: 02/14/2011 (11B1633-BLK1)</b>									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l						
Surrogate: Dibromofluoromethane	23.9		ug/l	25.0		95	80-120		
Surrogate: Toluene-d8	25.4		ug/l	25.0		102	80-120		
Surrogate: 4-Bromofluorobenzene	23.6		ug/l	25.0		95	80-120		
<b>LCS Analyzed: 02/14/2011 (11B1633-BS2)</b>									
Volatile Fuel Hydrocarbons (C4-C12)	481	50	ug/l	500		96	55-130		
Surrogate: Dibromofluoromethane	25.0		ug/l	25.0		100	80-120		
Surrogate: Toluene-d8	25.7		ug/l	25.0		103	80-120		
Surrogate: 4-Bromofluorobenzene	23.6		ug/l	25.0		94	80-120		
<b>Matrix Spike Analyzed: 02/14/2011 (11B1633-MS1)</b>					<b>Source: IUB0436-01</b>				
Volatile Fuel Hydrocarbons (C4-C12)	1450	50	ug/l	1720	ND	84	50-145		
Surrogate: Dibromofluoromethane	25.9		ug/l	25.0		104	80-120		
Surrogate: Toluene-d8	26.2		ug/l	25.0		105	80-120		
Surrogate: 4-Bromofluorobenzene	24.4		ug/l	25.0		98	80-120		
<b>Matrix Spike Dup Analyzed: 02/14/2011 (11B1633-MSD1)</b>					<b>Source: IUB0436-01</b>				
Volatile Fuel Hydrocarbons (C4-C12)	1390	50	ug/l	1720	ND	80	50-145	4	20
Surrogate: Dibromofluoromethane	25.6		ug/l	25.0		102	80-120		
Surrogate: Toluene-d8	25.1		ug/l	25.0		101	80-120		
Surrogate: 4-Bromofluorobenzene	25.7		ug/l	25.0		103	80-120		
<b>Batch: 11B1644 Extracted: 02/14/11</b>									
<b>Blank Analyzed: 02/14/2011 (11B1644-BLK1)</b>									
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l						
Surrogate: Dibromofluoromethane	25.1		ug/l	25.0		100	80-120		
Surrogate: Toluene-d8	25.6		ug/l	25.0		103	80-120		
Surrogate: 4-Bromofluorobenzene	25.7		ug/l	25.0		103	80-120		

TestAmerica Irvine

Philip Sanelle  
Project Manager

Blaine Tech San Jose/CRA Shell 1680 Rogers Avenue San Jose, CA 95112-1105 Attention: Lorin King	Project ID: 15275 Washington Blvd., San Leandro, CA - Shell 129460 Report Number: IUB0436	Sampled: 02/01/11 Received: 02/03/11
--	---	---

**METHOD BLANK/QC DATA**

**VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC: Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11B1644 Extracted: 02/14/11</b>									
<b>LCS Analyzed: 02/14/2011 (11B1644-BS2)</b>									
Volatile Fuel Hydrocarbons (C4-C12)	435	50	ug/l	500		87 55-130			
Surrogate: Dibromofluoromethane	24.8		ug/l	25.0		99 80-120			
Surrogate: Toluene-d8	26.0		ug/l	25.0		104 80-120			
Surrogate: 4-Bromofluorobenzene	25.9		ug/l	25.0		103 80-120			
<b>Matrix Spike Analyzed: 02/14/2011 (11B1644-MS1)</b>					<b>Source: IUB0436-11</b>				
Volatile Fuel Hydrocarbons (C4-C12)	1280	50	ug/l	1720	ND	74 50-145			
Surrogate: Dibromofluoromethane	25.0		ug/l	25.0		100 80-120			
Surrogate: Toluene-d8	25.7		ug/l	25.0		103 80-120			
Surrogate: 4-Bromofluorobenzene	25.5		ug/l	25.0		102 80-120			
<b>Matrix Spike Dup Analyzed: 02/14/2011 (11B1644-MSD1)</b>					<b>Source: IUB0436-11</b>				
Volatile Fuel Hydrocarbons (C4-C12)	1330	50	ug/l	1720	ND	77 50-145	4	20	
Surrogate: Dibromofluoromethane	25.3		ug/l	25.0		101 80-120			
Surrogate: Toluene-d8	25.7		ug/l	25.0		103 80-120			
Surrogate: 4-Bromofluorobenzene	25.8		ug/l	25.0		103 80-120			

TestAmerica Irvine

Philip Sanelle  
Project Manager

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Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
 129460  
 Report Number: IUB0436

Sampled: 02/01/11  
 Received: 02/03/11

## METHOD BLANK/QC DATA

### BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limit	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11B1633 Extracted: 02/14/11</b>										
<b>Blank Analyzed: 02/14/2011 (11B1633-BLK1)</b>										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Surrogate: 4-Bromofluorobenzene	23.6		ug/l	25.0		95	80-120			
Surrogate: Dibromofluoromethane	23.9		ug/l	25.0		95	80-120			
Surrogate: Toluene-d8	25.4		ug/l	25.0		102	80-120			
<b>LCS Analyzed: 02/14/2011 (11B1633-BS1)</b>										
Benzene	22.4	0.50	ug/l	25.0		90	70-120			
Ethylbenzene	22.9	0.50	ug/l	25.0		92	75-125			
Toluene	23.6	0.50	ug/l	25.0		94	70-120			
m,p-Xylenes	44.7	1.0	ug/l	50.0		89	75-125			
o-Xylene	23.8	0.50	ug/l	25.0		95	75-125			
Xylenes, Total	68.4	1.0	ug/l	75.0		91	70-125			
Surrogate: 4-Bromofluorobenzene	22.1		ug/l	25.0		88	80-120			
Surrogate: Dibromofluoromethane	26.0		ug/l	25.0		104	80-120			
Surrogate: Toluene-d8	26.0		ug/l	25.0		104	80-120			
<b>Matrix Spike Analyzed: 02/14/2011 (11B1633-MS1)</b>										
<b>Source: IUB0436-01</b>										
Benzene	25.8	0.50	ug/l	25.0	ND	103	65-125			
Ethylbenzene	27.6	0.50	ug/l	25.0	ND	110	65-130			
Toluene	26.7	0.50	ug/l	25.0	ND	107	70-125			
m,p-Xylenes	52.9	1.0	ug/l	50.0	ND	106	65-130			
o-Xylene	28.4	0.50	ug/l	25.0	ND	113	65-125			
Xylenes, Total	81.3	1.0	ug/l	75.0	ND	108	60-130			
Surrogate: 4-Bromofluorobenzene	24.4		ug/l	25.0		98	80-120			
Surrogate: Dibromofluoromethane	25.9		ug/l	25.0		104	80-120			
Surrogate: Toluene-d8	26.2		ug/l	25.0		105	80-120			

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Philip Sanelle  
 Project Manager

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Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
 129460  
 Report Number: IUB0436

Sampled: 02/01/11  
 Received: 02/03/11

## METHOD BLANK/QC DATA

### BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11B1633 Extracted: 02/14/11</b>										
<b>Matrix Spike Dup Analyzed: 02/14/2011 (11B1633-MSD1)</b>					<b>Source: IUB0436-01</b>					
Benzene	23.2	0.50	ug/l	25.0	ND	93	65-125	10	20	
Ethylbenzene	26.1	0.50	ug/l	25.0	ND	104	65-130	5	20	
Toluene	25.8	0.50	ug/l	25.0	ND	103	70-125	3	20	
m,p-Xylenes	50.4	1.0	ug/l	50.0	ND	101	65-130	5	25	
o-Xylene	27.4	0.50	ug/l	25.0	ND	109	65-125	4	20	
Xylenes, Total	77.7	1.0	ug/l	75.0	ND	104	60-130	4	20	
Surrogate: 4-Bromofluorobenzene	25.7		ug/l	25.0		103	80-120			
Surrogate: Dibromofluoromethane	25.6		ug/l	25.0		102	80-120			
Surrogate: Toluene-d8	25.1		ug/l	25.0		101	80-120			

**Batch: 11B1644 Extracted: 02/14/11**

**Blank Analyzed: 02/14/2011 (11B1644-BLK1)**

Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Surrogate: 4-Bromofluorobenzene	25.7		ug/l	25.0		103	80-120			
Surrogate: Dibromofluoromethane	25.1		ug/l	25.0		100	80-120			
Surrogate: Toluene-d8	25.6		ug/l	25.0		103	80-120			

**LCS Analyzed: 02/14/2011 (11B1644-BS1)**

Benzene	22.4	0.50	ug/l	25.0		90	70-120			
Ethylbenzene	25.7	0.50	ug/l	25.0		103	75-125			
Toluene	23.8	0.50	ug/l	25.0		95	70-120			
m,p-Xylenes	49.2	1.0	ug/l	50.0		98	75-125			
o-Xylene	24.6	0.50	ug/l	25.0		99	75-125			
Xylenes, Total	73.8	1.0	ug/l	75.0		98	70-125			
Surrogate: 4-Bromofluorobenzene	25.6		ug/l	25.0		102	80-120			
Surrogate: Dibromofluoromethane	25.2		ug/l	25.0		101	80-120			
Surrogate: Toluene-d8	25.7		ug/l	25.0		103	80-120			

TestAmerica Irvine

Philip Sanelle  
 Project Manager



Blaine Tech San Jose/CRA Shell  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105  
 Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
 129460  
 Report Number: IUB0436

Sampled: 02/01/11  
 Received: 02/03/11

## METHOD BLANK/QC DATA

### BTEX/OXYGENATES by GC/MS (EPA 8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Data Qualifiers
<b>Batch: 11B1644 Extracted: 02/14/11</b>										
<b>Matrix Spike Analyzed: 02/14/2011 (11B1644-MS1)</b>					<b>Source: IUB0436-11</b>					
Benzene	22.4	0.50	ug/l	25.0	ND	90	65-125			
Ethylbenzene	25.5	0.50	ug/l	25.0	ND	102	65-130			
Toluene	23.6	0.50	ug/l	25.0	ND	94	70-125			
m,p-Xylenes	48.0	1.0	ug/l	50.0	ND	96	65-130			
o-Xylene	24.4	0.50	ug/l	25.0	ND	98	65-125			
Xylenes, Total	72.5	1.0	ug/l	75.0	ND	97	60-130			
Surrogate: 4-Bromofluorobenzene	25.5		ug/l	25.0		102	80-120			
Surrogate: Dibromofluoromethane	25.0		ug/l	25.0		100	80-120			
Surrogate: Toluene-d8	25.7		ug/l	25.0		103	80-120			
<b>Matrix Spike Dup Analyzed: 02/14/2011 (11B1644-MSD1)</b>					<b>Source: IUB0436-11</b>					
Benzene	23.1	0.50	ug/l	25.0	ND	92	65-125	3	20	
Ethylbenzene	26.2	0.50	ug/l	25.0	ND	105	65-130	3	20	
Toluene	24.2	0.50	ug/l	25.0	ND	97	70-125	3	20	
m,p-Xylenes	50.3	1.0	ug/l	50.0	ND	101	65-130	5	25	
o-Xylene	25.4	0.50	ug/l	25.0	ND	102	65-125	4	20	
Xylenes, Total	75.7	1.0	ug/l	75.0	ND	101	60-130	4	20	
Surrogate: 4-Bromofluorobenzene	25.8		ug/l	25.0		103	80-120			
Surrogate: Dibromofluoromethane	25.3		ug/l	25.0		101	80-120			
Surrogate: Toluene-d8	25.7		ug/l	25.0		103	80-120			

TestAmerica Irvine

Philip Sanelle  
 Project Manager

Blaine Tech San Jose/CRA Shell  
1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
129460  
Report Number: IUB0436

Sampled: 02/01/11  
Received: 02/03/11

## DATA QUALIFIERS AND DEFINITIONS

**ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.  
**RPD** Relative Percent Difference

## ADDITIONAL COMMENTS

### For Volatile Fuel Hydrocarbons (C4-C12):

Volatile Fuel Hydrocarbons (C4-C12) are quantitated against a gasoline standard. Quantitation begins immediately before TBA-d9.

**TestAmerica Irvine**

Philip Sanelle  
Project Manager

*The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from TestAmerica.*

**IUB0436 <Page 13 of 14>**

Blaine Tech San Jose/CRA Shell  
1680 Rogers Avenue  
San Jose, CA 95112-1105  
Attention: Lorin King

Project ID: 15275 Washington Blvd., San Leandro, CA - Shell  
129460  
Report Number: IUB0436

Sampled: 02/01/11  
Received: 02/03/11

## Certification Summary

### TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8260B	Water	X	X
TPH by GC/MS	Water	X	X

*Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at [www.testamericainc.com](http://www.testamericainc.com)*

TestAmerica Irvine

Philip Sanelle  
Project Manager

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IUB0436 <Page 14 of 14>

LAB (LOCATION)

- CALSCIENCE ( )
- SPL ( )
- XENCO ( )
- TEST AMERICA (IRVINE)
- OTHER ( )



# Shell Oil Products Chain Of Custody Record

**Please Check Appropriate Box:**

<input type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SD&CM	<input checked="" type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

**Print Bill To Contact Name:**  
Peter Schaefer 129460

**PO #**  
4 0 - 4 0 3 4 9 7 3

**INCIDENT # (ENV SERVICES)**  
9 7 0 9 3 4 1 2

CHECK IF NO INCIDENT # APPLIES

**DATE:** 2/1/11

**PAGE:** 1 of 2

**SAMPLING COMPANY:**  
Blaine Tech Services  
ADDRESS: 1680 Rogers Avenue, San Jose, CA

**LOG CODE:**  
BTSS

**PROJECT CONTACT (Hardcopy or PDF Report to):**  
Lorin King  
TELEPHONE: 310-995-4455 x 108  
FAX: 310-837-5802  
E-MAIL: lking@blainetech.com

**SITE ADDRESS: Street and City**  
15275 Washington Blvd., San Leandro  
EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville  
PHONE NO.: 510-420-3343

**State:** CA

**GLOBAL ID NO.:** T0600101228

**E-MAIL:** shelledf@croworld.com

**CONSULTANT PROJECT NO.:** 110201-IW1

**SAMPLER NAME(S) (Print):** IAN WILLIAMS

**LAB USE ONLY:** IUB0436

**TURNAROUND TIME (CALENDAR DAYS):**  
 STANDARD (14 DAY)
  5 DAYS
  3 DAYS
  2 DAYS
  24 HOURS
  RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT
  UST AGENCY:

**REQUESTED ANALYSIS**

TPH - GRO, Purgeable (8260B)	TPH - DRG, Extractable (8015M)	TPHg (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 6 OXYs (MTBE, TBA, DIPE, TAME, ETBE) (8260B)	Full VOC list (8260B)	Single Compound: (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TEMPERATURE ON RECEIPT °C
													27C

**SPECIAL INSTRUCTIONS OR NOTES:**  
Email invoice and copy of final report to Shell.Lab.Billing@croworld.com

SHELL CONTRACT RATE APPLIES  
 STATE REIMBURSEMENT RATE APPLIES  
 EDD NOT NEEDED  
 RECEIPT VERIFICATION REQUESTED

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS												Container PID Readings or Laboratory Notes		
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER		TPH - GRO, Purgeable (8260B)	TPH - DRG, Extractable (8015M)	TPHg (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 6 OXYs (MTBE, TBA, DIPE, TAME, ETBE) (8260B)	Full VOC list (8260B)	Single Compound: (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)		Methanol (8015M)	
	S-1	2/1/11	1115	W	X						3	X													
	S-3		1445		X						3	X													
	S-5		1530		X						3	X													
	S-7		1230		X						3	X													
	S-8		1420		X						3	X													
	S-9		1520		X						3	X													
	S-10		1325		X						3	X													
	S-13		1040		X						3	X													
	S-16		1140		X						3	X													
	S-17		1305		X						3	X													

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		2/1/11	1615
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		2/2/11	0830
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		02/02/11	12:00

*Handwritten notes and signatures:*  
 IAN WILLIAMS / TASE  
 2/2/11 17:00  
 2/03/11 1125  
 03/2/08 Revision #03 AP5 (6)

LAB (LOCATION)

- CALSCIENCE ( )
- SPL ( )
- XENCO ( )
- TEST AMERICA (IRVINE)
- OTHER ( )



# Shell Oil Products Chain Of Custody Record

**Please Check Appropriate Box:**

<input type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA S&CM	<input checked="" type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

**Print Bill To Contact Name:**  
Peter Schaefer 129460

**PO #**  
4 0 - 4 0 3 4 9 7 3

**INCIDENT # (ENV SERVICES)**  
9 7 0 9 3 4 1 2

**SAP #**

CHECK IF NO INCIDENT # APPLIES

DATE: 2/1/11  
PAGE: 2 of 2

**SAMPLING COMPANY:** Blaine Tech Services  
**LOG CODE:** BTSS

**ADDRESS:** 1680 Rogers Avenue, San Jose, CA

**PROJECT CONTACT (Hardcopy or PDF Report to):** Lorin King

**TELEPHONE:** 310-995-4455 x 108  
**FAX:** 310-637-5802  
**E-MAIL:** lking@blainetech.com

**TURNAROUND TIME (CALENDAR DAYS):**  
 STANDARD (14 DAY)  5 DAYS  3 DAYS  2 DAYS  24 HOURS  RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY:

**SPECIAL INSTRUCTIONS OR NOTES:**  
Email invoice and copy of final report to Shell.Lab.Billing@croworld.com

SHELL CONTRACT RATE APPLIES  
 STATE REIMBURSEMENT RATE APPLIES  
 EDD NOT NEEDED  
 RECEIPT VERIFICATION REQUESTED

**SITE ADDRESS: Street and City** 15275 Washington Blvd., San Leandro  
**State** CA  
**GLOBAL ID NO.:** T0600101226

**EDF DELIVERABLE TO (Name, Company, Office Location):** Brenda Carter, CRA, Emeryville  
**PHONE NO.:** 510-420-3343  
**E-MAIL:** shelledf@croworld.com  
**CONSULTANT PROJECT NO.:** 110201-IWI

**SAMPLER NAME(S) (Print):** IAN WILLIAMS  
**LAB USE ONLY**

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS											TEMPERATURE ON RECEIPT °C 23.0	Container PID Readings or Laboratory Notes				
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER		TPH -GRO, Purgeable (8260B)	TPH -DRO, Extractable (8015M)	TPH (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 6 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	Full VOC list (8260B)	Single Compound: (8260B)	1,2-DCA (8260F)	EDB (8260B)			Ethanol (8260B)	Methanol (8015M)		
		S-18	2/1/11		1250	W	X							3	X												
S-19	2/1/11	1355	W	X						3	X																

Relinquished by: (Signature)	Received by: (Signature)	Date: 2/1/11	Time: 1615
Relinquished by: (Signature)	Received by: (Signature)	Date: 2/2/11	Time: 0830
Relinquished by: (Signature)	Received by: (Signature)	Date: 2/2/11	Time: 12:00

Blaine Tech Services 2-2-11 17:00  
 Ian Williams 2/2/11 11:25  
 05/2/06 Revision

APPENDIX C

BROADBENT & ASSOCIATES, INC. -  
DATA TABLE FOR ARCO SERVICE STATION No. 0601

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE			Semi-VOCs
<b>MW-1</b>																
1/9/1991	--	i, l	22.98	7.00	12.00	9.47	13.51	--	--	--	--	--	--	--	--	--
4/16/1991	--	a	22.98	7.00	12.00	6.12	16.86	--	--	--	--	--	--	--	--	--
6/10/1991	--	a	22.26	7.00	12.00	9.00	13.26	--	--	--	--	--	--	--	--	--
10/10/1991	--	i, l	22.26	7.00	12.00	9.73	12.53	--	--	--	--	--	--	--	--	--
3/23/1992	--	a	22.26	7.00	12.00	7.40	14.86	--	--	--	--	--	--	--	--	--
6/8/1992	--	i, l	22.26	7.00	12.00	9.08	13.18	--	--	--	--	--	--	--	--	--
9/15/1992	--	l	22.26	7.00	12.00	9.18	13.08	--	--	--	--	--	--	--	--	--
11/16/1992	--	i, l	22.26	7.00	12.00	9.09	13.17	--	--	--	--	--	--	--	--	--
2/16/1993	--	i, l	22.26	7.00	12.00	7.03	15.23	--	--	--	--	--	--	--	--	--
5/13/1993	--	i, l	22.26	7.00	12.00	8.08	14.18	--	--	--	--	--	--	--	--	--
8/17/1993	--	i, l	22.26	7.00	12.00	8.81	13.45	--	--	--	--	--	--	--	--	--
11/8/1993	--	i, l	22.26	7.00	12.00	9.22	13.04	--	--	--	--	--	--	--	--	--
2/14/1994	--	a	22.26	7.00	12.00	7.72	14.54	--	--	--	--	--	--	--	--	--
5/5/1994	--	a	22.26	7.00	12.00	8.47	13.79	--	--	--	--	--	--	--	--	--
8/4/1994	--	a	22.26	7.00	12.00	8.72	13.54	--	--	--	--	--	--	--	--	--
11/20/1994	--	a	22.26	7.00	12.00	7.81	14.45	--	--	--	--	--	--	--	--	--
3/17/1995	--		22.26	7.00	12.00	6.57	15.69	120,000	5,300	370	1,500	13,000	--	--	--	--
6/1/1995	--		22.26	7.00	12.00	7.87	14.39	250,000	7,100	950	3,500	21,000	--	--	--	--
8/31/1995	--	i, l	22.26	7.00	12.00	8.12	14.14	--	--	--	--	--	--	--	--	--
11/27/1995	--		22.26	7.00	12.00	8.42	13.84	310,000	4,600	770	5,700	21,000	--	--	--	--
2/22/1996	--	j	22.26	7.00	12.00	6.01	16.25	100,000	6,200	320	2,500	12,000	<1,000	--	--	--
5/20/1996	--		22.26	7.00	12.00	7.03	15.23	340,000	6,600	240	4,500	22,000	<1,000	--	--	--
8/26/1996	--		22.26	7.00	12.00	8.16	14.10	210,000	7,900	320	3,400	15,000	<1,000	--	--	--
11/20/1996	--		22.26	7.00	12.00	7.84	14.42	62,000	5,900	77	2,000	7,700	<300	--	--	--
3/24/1997	--		19.19	7.00	12.00	8.05	11.14	170,000	6,500	<200	2,400	9,900	<1,000	--	--	--
5/23/1997	--		19.19	7.00	12.00	8.42	10.77	83,000	6,200	84	2,500	9,000	<300	--	--	--
8/19/1997	--		19.19	7.00	12.00	8.65	10.54	83,000	4,500	<100	2,200	8,100	<600	--	--	--
11/19/1997	--		19.19	7.00	12.00	8.54	10.65	250,000	4,400	<500	3,800	9,900	<3,000	--	--	--
2/19/1998	--		19.19	7.00	12.00	5.57	13.62	74,000	2,500	120	2,200	4,100	<300	--	--	--
4/23/1998	--		19.19	7.00	12.00	6.92	12.27	210,000	2,700	<500	4,200	8,300	<3,000	--	1.5	--
7/27/1998	--		19.19	7.00	12.00	8.14	11.05	73,000	2,100	88	2,600	4,600	<300	--	1.0	--

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-1 Cont.																
10/14/1998	--		19.19	7.00	12.00	8.58	10.61	47,000	2,900	<500	2,300	3,900	<300	--	1.5	--
1/21/1999	--		19.19	7.00	12.00	7.48	11.71	45,000	1,400	64	2,100	2,400	<300	--	1.0	--
5/6/1999	--		19.19	7.00	12.00	8.00	11.19	41,000	1,900	<20	2,800	3,400	<120	--	0.85	--
8/23/1999	--		19.19	7.00	12.00	8.56	10.63	26,000	1,700	52	1,600	1,500	<75	--	0.72	--
10/28/1999	--		19.19	7.00	12.00	8.92	10.27	38,000	2,500	35	2,400	2,500	<200	--	0.7	--
2/4/2000	--		19.19	7.00	12.00	8.48	10.71	19,000	960	13	1,200	860	<60	--	2.11	--
6/20/2000	--		19.19	7.00	12.00	8.20	10.99	23,000	2,400	50	1,800	680	<200	--	--	--
9/29/2000	--		19.19	7.00	12.00	8.55	10.64	23,600	2,880	<50	2,130	871	<250	--	--	--
12/17/2000	--		19.19	7.00	12.00	8.28	10.91	21,600	1,980	<50	1,610	664	<250	--	--	--
3/28/2001	--		19.19	7.00	12.00	8.13	11.06	19,800	2,310	<100	2,010	517	<500	--	--	--
6/20/2001	--		19.19	7.00	12.00	8.60	10.59	17,000	2,200	23	1,800	320	100	--	--	--
9/22/2001	--		19.19	7.00	12.00	9.03	10.16	20,000	2,900	<200	2,500	270	<1000	--	--	--
12/27/2001	--		19.19	7.00	12.00	7.93	11.26	15,000	2,000	<50	1,700	140	290	--	--	--
3/15/2002	--		19.19	7.00	12.00	7.89	11.30	12,000	1,800	<50	1,400	79	<250	--	--	--
4/18/2002	--		19.19	7.00	12.00	7.05	12.14	16,000	3,000	180	2,600	320	<250	--	1.26	--
7/23/2002	NP	e	19.19	7.00	12.00	8.70	10.49	14,000	3,200	<50	2,100	<50	<250	--	0.9	6.8
10/16/2002	NP	d	19.19	7.00	12.00	9.12	10.07	14,000	2,100	<25	2,000	31	<120	--	0.8	7.1
1/23/2003	NP	g	19.19	7.00	12.00	7.45	11.74	6,000	680	<50	800	<50	<50	--	0.9	6.8
4/7/2003	--		19.19	7.00	12.00	7.68	11.51	6,400	940	6.6	810	11	69	--	1.1	6.9
8/7/2003	--	a, k	19.19	7.00	12.00	8.75	10.44	12,000	1,500	27	1,700	42	160	--	--	6.4
10/23/2003	NP	a	19.19	7.00	12.00	8.96	10.23	14,000	1,700	<25	1,600	<25	220	1470	--	--
01/12/2004	P		19.19	7.00	12.00	7.99	11.20	8,800	1,100	<25	980	<25	140	1392	0.2	7.2
04/20/2004	NP	a, r	24.78	7.00	12.00	8.87	15.91	12,000	1,600	<25	920	36	84	1780	1.5	6.6
07/01/2004	NP	a	24.78	7.00	12.00	9.31	15.47	9,700	830	<10	580	11	100	886	0.8	6.7
11/04/2004	NP		24.78	7.00	12.00	8.12	16.66	7,800	650	<5.0	300	12	130	1368	1.2	6.7
01/10/2005	NP		24.78	7.00	12.00	7.06	17.72	6,000	280	<5.0	130	12	12	1280	1.05	6.9
04/14/2005	NP		24.78	7.00	12.00	7.20	17.58	4,500	160	<5.0	320	17	<5.0	--	2.1	7.0
04/20/2005	NP	q	24.78	7.00	12.00	7.05	17.73	--	--	--	--	--	--	630	--	6.6
08/02/2005	NP		24.78	7.00	12.00	7.39	17.39	4,700	210	<5.0	210	11	15	1180	--	6.8
10/21/2005	NP		24.78	7.00	12.00	8.31	16.47	9,700	600	5.5	210	11	64	1500	1.45	6.8
01/04/2006	NP		24.78	7.00	12.00	7.10	17.68	5,000	240	5.2	120	18	<5.0	939	0.97	7.2



Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-1 Cont.</b>																
04/28/2006	P	a	24.78	7.00	12.00	6.69	18.09	13,000	100	<5.0	270	7.0	<5.0	--	1.81	7.1
8/4/2006	NP		24.78	7.00	12.00	8.30	16.48	9,800	410	5.0	260	<5.0	14	840	0.84	7.0
10/23/2006	P		24.78	7.00	12.00	8.71	16.07	12,000	440	5.6	260	11	16	--	--	6.92
1/15/2007	--	l	24.78	7.00	12.00	7.95	16.83	--	--	--	--	--	--	--	1.23	6.90
4/17/2007	P	a	24.78	7.00	12.00	8.20	16.58	6,800	140	<10	280	<10	<10	--	2.14	7.19
7/9/2007	P	a, s	24.78	7.00	12.00	8.73	16.05	8,200	240	<5.0	220	180	81	1020	2.42	7.15
10/1/2007	P	a, s	24.78	7.00	12.00	8.94	15.84	13,000	260	<5.0	260	13	9.3	1,340	2.46	7.19
1/7/2008	P	u	24.78	7.00	12.00	7.43	17.35	8,000	56	<5.0	190	7.3	<5.0	1,000	0.95	7.03
4/1/2008	NP	i, l	24.78	7.00	12.00	7.64	17.16	9,300	70	<20	210	<20	<20	1,220	2.22	7.04
7/23/2008	P		24.78	7.00	12.00	8.82	15.96	19,000	190	<20	180	<20	<20	1,480	2.2	6.99
10/22/2008	P	a	24.78	7.00	12.00	9.13	15.65	31,000	190	<20	210	<20	<20	2,132	0.31	6.87
1/21/2009	P	a	24.78	7.00	12.00	8.72	16.06	20,000	99	<20	190	<20	<20	--	1.06	7.01
4/21/2009	P	a, u	24.78	7.00	12.00	7.68	17.10	18,000	63	<20	50	<20	<20	1,617	0.40	6.98
7/21/2009	P	u, v	24.78	7.00	12.00	8.91	15.87	9,700	100	<20	120	<20	<20	--	10.85	7.10
1/12/2010	P	u	24.78	7.00	12.00	8.30	16.48	8,400	49	<10	85	<10	<10	--	0.98	6.48
6/3/2010	--		24.78	7.00	12.00	7.67	17.11	--	--	--	--	--	--	--	--	--
7/22/2010	NP	w	24.78	7.00	12.00	8.43	16.35	15,000	54	<10	90	<10	<10	--	0.49	7.0
2/18/2011	NP	x (GRO)	24.78	7.00	12.00	7.34	17.44	7,900	11	<2.0	83	2.8	<2.0	--	0.50	6.5
<b>MW-2</b>																
7/18/1990	--		22.06	8.00	12.00	7.86	14.20	35,000	3,800	2,900	690	3,600	--	--	--	--
10/15/1990	--		22.06	8.00	12.00	8.61	13.45	6,400	650	290	110	560	--	--	--	--
1/9/1991	--		22.06	8.00	12.00	8.43	13.63	13,000	1,500	970	390	1,500	--	--	--	--
4/16/1991	--		22.06	8.00	12.00	6.97	15.09	54,000	5,200	9,000	1,500	7,700	--	--	--	--
6/10/1991	--		21.33	8.00	12.00	7.91	13.42	26,000	3,000	2,500	880	4,200	--	--	--	--
10/10/1991	--		21.33	8.00	12.00	8.82	12.51	10,000	1,600	910	280	1,400	--	--	--	--
3/23/1992	--		21.33	8.00	12.00	6.86	14.47	33,000	4,100	5,000	1,100	5,300	--	--	--	--
6/8/1992	--		21.33	8.00	12.00	7.95	13.38	18,000	1,200	980	330	1,800	--	--	--	--
9/15/1992	--		21.33	8.00	12.00	8.71	12.62	13,000	430	500	340	1,800	--	--	--	--
11/16/1992	--		21.33	8.00	12.00	7.93	13.40	13,000	900	940	300	1,400	--	--	--	--
2/16/1993	--		21.33	8.00	12.00	6.02	15.31	20,000	1,800	1,200	530	2,700	--	--	--	--

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-2 Cont.</b>																
5/13/1993	--		21.33	8.00	12.00	6.99	14.34	13,000	1,000	470	370	1,900	--	--	--	--
8/17/1993	--		21.33	8.00	12.00	7.85	13.48	9,100	770	160	310	1,500	--	--	--	--
11/8/1993	--		21.33	8.00	12.00	8.12	13.21	9,200	380	62	130	630	--	--	--	--
2/14/1994	--		21.33	8.00	12.00	6.88	14.45	8,700	670	370	50	1,400	--	--	--	--
5/5/1994	--		21.33	8.00	12.00	7.51	13.82	5,600	390	140	120	480	--	--	--	--
8/4/1994	--	n	21.33	8.00	12.00	8.00	13.33	2,300	180	<2.5	<2.5	230	--	--	--	--
11/20/1994	--		21.33	8.00	12.00	6.86	14.47	4,900	170	150	120	390	--	--	--	--
3/17/1995	--		21.33	8.00	12.00	6.12	15.21	10,000	460	77	260	550	--	--	--	--
6/1/1995	--		21.33	8.00	12.00	6.56	14.77	13,000	400	78	210	410	--	--	--	--
8/31/1995	--		21.33	8.00	12.00	7.18	14.15	5,000	280	18	120	140	<50	--	--	--
11/27/1995	--		21.33	8.00	12.00	7.39	13.94	3,200	230	12	77	90	--	--	--	--
2/22/1996	--		21.33	8.00	12.00	5.78	15.55	11,000	290	67	190	330	<50	--	--	--
5/20/1996	--		21.33	8.00	12.00	6.27	15.06	--	--	--	--	--	--	--	--	--
8/26/1996	--		21.33	8.00	12.00	7.30	14.03	--	--	--	--	--	--	--	--	--
11/20/1996	--		21.33	8.00	12.00	7.28	14.05	--	--	--	--	--	--	--	--	--
3/24/1997	--		21.12	8.00	12.00	7.11	14.01	4,800	570	6	71	32	67	--	--	--
5/23/1997	--		21.12	8.00	12.00	7.44	13.68	--	--	--	--	--	--	--	--	--
8/19/1997	--		21.12	8.00	12.00	7.64	13.48	--	--	--	--	--	--	--	--	--
11/19/1997	--		21.12	8.00	12.00	7.70	13.42	--	--	--	--	--	--	--	--	--
2/19/1998	--		21.12	8.00	12.00	5.22	15.90	2,000	160	50	66	230	25	--	--	--
4/23/1998	--		21.12	8.00	12.00	6.24	14.88	--	--	--	--	--	--	--	--	--
7/27/1998	--		21.12	8.00	12.00	7.02	14.10	--	--	--	--	--	--	--	--	--
10/14/1998	--		21.12	8.00	12.00	7.54	13.58	--	--	--	--	--	--	--	--	--
1/21/1999	--		21.12	8.00	12.00	7.15	13.97	1,700	84	4	31	10	13	--	0.5	--
5/6/1999	--		21.12	8.00	12.00	6.95	14.17	--	--	--	--	--	--	--	--	--
8/23/1999	--		21.12	8.00	12.00	7.49	13.63	--	--	--	--	--	--	--	0.68	--
10/28/1999	--		21.12	8.00	12.00	7.92	13.20	--	--	--	--	--	--	--	--	--
2/4/2000	--		21.12	8.00	12.00	6.61	14.51	--	--	--	--	--	--	--	--	--
6/20/2000	--		21.12	8.00	12.00	7.12	14.00	--	--	--	--	--	--	--	--	--
9/29/2000	--		21.12	8.00	12.00	7.60	13.52	--	--	--	--	--	--	--	--	--
12/17/2000	--		21.12	8.00	12.00	7.42	13.70	--	--	--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE			Semi-VOCs
MW-2 Cont.																
3/28/2001	--		21.12	8.00	12.00	6.84	14.28	838	18.1	<5.0	7.63	5.98	39.5	--	--	--
6/20/2001	--		21.12	8.00	12.00	7.66	13.46	--	--	--	--	--	--	--	--	--
9/22/2001	--		21.12	8.00	12.00	8.08	13.04	--	--	--	--	--	--	--	--	--
12/27/2001	--		21.12	8.00	12.00	6.48	14.64	--	--	--	--	--	--	--	--	--
3/15/2002	--		21.12	8.00	12.00	6.84	14.28	100	<0.5	<0.5	2.5	<0.5	75	--	--	--
4/18/2002	--		21.12	8.00	12.00	6.19	14.93	--	--	--	--	--	--	--	--	--
7/23/2002	--		21.12	8.00	12.00	7.73	13.39	--	--	--	--	--	--	--	--	--
10/16/2002	--		21.12	8.00	12.00	8.10	13.02	--	--	--	--	--	--	--	--	--
1/23/2003	P	g	21.12	8.00	12.00	6.52	14.60	<5,000	<50	<50	<50	<50	95	--	1.6	7.2
4/7/2003	--		21.12	8.00	12.00	7.22	13.90	--	--	--	--	--	--	--	--	--
8/7/2003	--		21.12	8.00	12.00	7.84	13.28	--	--	--	--	--	--	--	--	--
10/23/2003	P	m	21.12	8.00	12.00	7.95	13.17	<250	<2.5	<2.5	<2.5	4.2	68	--	--	--
01/12/2004	--		21.12	8.00	12.00	6.60	14.52	--	--	--	--	--	--	--	--	--
04/20/2004	--	r	23.87	8.00	12.00	8.32	15.55	--	--	--	--	--	--	--	--	--
07/01/2004	P	o	23.87	8.00	12.00	8.96	14.91	72	<0.50	<0.50	<0.50	<0.50	72	--	2.1	6.9
11/04/2004	--		23.87	8.00	12.00	7.30	16.57	--	--	--	--	--	--	--	--	--
01/10/2005	--		23.87	8.00	12.00	5.87	18.00	--	--	--	--	--	--	--	--	--
04/14/2005	--		23.87	8.00	12.00	5.75	18.12	--	--	--	--	--	--	--	--	--
08/02/2005	P		23.87	8.00	12.00	6.47	17.40	1,300	4.3	0.57	11	0.97	12	--	--	7.0
10/21/2005	--		23.87	8.00	12.00	7.12	16.75	--	--	--	--	--	--	--	--	--
01/04/2006	--		23.87	8.00	12.00	6.75	17.12	--	--	--	--	--	--	--	--	--
04/28/2006	--		23.87	8.00	12.00	5.90	17.97	--	--	--	--	--	--	--	--	--
8/4/2006	P		23.87	8.00	12.00	7.41	16.46	50	<0.50	<0.50	<0.50	<0.50	7.9	--	1.57	7.2
10/23/2006	--		23.87	8.00	12.00	7.72	16.15	--	--	--	--	--	--	--	--	--
1/15/2007	--		23.87	8.00	12.00	7.14	16.73	--	--	--	--	--	--	--	--	--
4/17/2007	--		23.87	8.00	12.00	7.28	16.59	--	--	--	--	--	--	--	--	--
7/9/2007	P		23.87	8.00	12.00	7.73	16.14	110	<0.50	<0.50	<0.50	<0.50	3.2	--	1.40	7.37
10/1/2007	--		23.87	8.00	12.00	7.95	15.92	--	--	--	--	--	--	--	--	--
1/7/2008	--		23.87	8.00	12.00	6.46	17.41	--	--	--	--	--	--	--	--	--
4/1/2008	--		23.87	8.00	12.00	7.10	16.77	--	--	--	--	--	--	--	--	--
7/23/2008	NP		23.87	8.00	12.00	7.90	15.97	<50	<0.50	<0.50	<0.50	<0.50	0.78	--	3.1	7.25

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE			Semi-VOCs
<b>MW-2 Cont.</b>																
10/22/2008	--		23.87	8.00	12.00	8.10	15.77	--	--	--	--	--	--	--	--	--
1/21/2009	--		23.87	8.00	12.00	7.70	16.17	--	--	--	--	--	--	--	--	--
4/21/2009	--		23.87	8.00	12.00	7.16	16.71	--	--	--	--	--	--	--	--	--
7/21/2009	NP	v	23.87	8.00	12.00	8.01	15.86	<50	<0.50	<0.50	<0.50	<0.50	0.83	--	11.67	7.47
1/12/2010	--		23.87	8.00	12.00	7.35	16.52	--	--	--	--	--	--	--	--	--
6/3/2010	P		23.87	8.00	12.00	6.78	17.09	<50	<0.50	<0.50	<0.50	<0.50	1.2	--	--	7.06
7/22/2010	P	w	23.87	8.00	12.00	7.47	16.40	420	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.03	7.1
2/18/2011	--		23.87	8.00	12.00	6.71	17.16	--	--	--	--	--	--	--	--	--
<b>MW-3</b>																
7/18/1990	--		20.84	8.00	12.00	7.03	13.81	--	--	--	--	--	--	--	--	--
10/15/1990	--	i, l	20.84	8.00	12.00	8.19	12.65	--	--	--	--	--	--	--	--	--
1/9/1991	--	i, l	20.84	8.00	12.00	7.46	13.38	--	--	--	--	--	--	--	--	--
4/16/1991	--	a	20.84	8.00	12.00	7.95	12.89	--	--	--	--	--	--	--	--	--
6/10/1991	--	a	20.11	8.00	12.00	7.14	12.97	--	--	--	--	--	--	--	--	--
10/10/1991	--	i, l	20.11	8.00	12.00	7.82	12.29	--	--	--	--	--	--	--	--	--
3/23/1992	--	a	20.11	8.00	12.00	5.75	14.36	--	--	--	--	--	--	--	--	--
6/8/1992	--	i, l	20.11	8.00	12.00	7.52	12.59	--	--	--	--	--	--	--	--	--
9/15/1992	--	i, l	20.11	8.00	12.00	8.01	12.10	--	--	--	--	--	--	--	--	--
11/16/1992	--	a	20.11	8.00	12.00	7.11	13.00	--	--	--	--	--	--	--	--	--
2/16/1993	--	i, l	20.11	8.00	12.00	5.93	14.18	--	--	--	--	--	--	--	--	--
5/13/1993	--	i, l	20.11	8.00	12.00	6.37	13.74	--	--	--	--	--	--	--	--	--
8/17/1993	--	i, l	20.11	8.00	12.00	7.00	13.11	--	--	--	--	--	--	--	--	--
11/8/1993	--		20.11	8.00	12.00	7.31	12.80	430,000	4,100	14,000	6,400	37,000	--	--	--	--
2/14/1994	--		20.11	8.00	12.00	5.81	14.30	85,000	4,200	12,000	2,500	16,000	--	--	--	--
5/5/1994	--		20.11	8.00	12.00	6.81	13.30	560,000	4,600	14,000	5,300	40,000	--	--	--	--
8/4/1994	--		20.11	8.00	12.00	7.31	12.80	64,000	4,200	7,600	1,700	12,000	--	--	--	--
11/20/1994	--		20.11	8.00	12.00	5.88	14.23	80,000	4,700	9,700	2,400	15,000	--	--	--	--
3/17/1995	--		20.11	8.00	12.00	5.46	14.65	370,000	4,800	12,000	5,800	34,000	--	--	--	--
6/1/1995	--		20.11	8.00	12.00	6.34	13.77	270,000	6,000	11,000	5,200	28,000	--	--	--	--
8/31/1995	--	i, l	20.11	8.00	12.00	6.60	13.51	--	--	--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE			Semi-VOCs
MW-3 Cont.																
11/27/1995	--		20.11	8.00	12.00	6.76	13.35	150,000	5,100	8,800	3,900	21,000	--	--	--	--
2/22/1996	--		20.11	8.00	12.00	5.14	14.97	150,000	4,400	7,600	4,100	22,000	<3,000	--	--	--
5/20/1996	--		20.11	8.00	12.00	5.17	14.94	410,000	4,700	8,000	6,300	36,000	<3,000	--	--	--
8/26/1996	--		20.11	8.00	12.00	7.04	13.07	260,000	4,000	6,100	4,200	24,000	<2,000	--	--	--
11/20/1996	--		20.11	8.00	12.00	6.26	13.85	190,000	3,200	5,800	3,300	20,000	<1,000	--	--	--
3/24/1997	--		22.99	8.00	12.00	6.94	16.05	430,000	2,700	7,600	7,000	39,000	<5,000	--	--	--
5/23/1997	--		22.99	8.00	12.00	6.98	16.01	130,000	2,100	4,300	3,500	19,000	<700	--	--	--
8/19/1997	--		22.99	8.00	12.00	7.25	15.74	100,000	2,000	3,200	<100	19,000	<600	--	--	--
11/19/1997	--		22.99	8.00	12.00	7.25	15.74	93,000	1,700	2,400	2,800	16,000	<600	--	--	--
2/19/1998	--		22.99	8.00	12.00	5.24	17.75	80,000	620	1,200	2,500	13,000	<600	--	--	--
4/23/1998	--		22.99	8.00	12.00	6.60	16.39	130,000	1,500	2,400	3,500	18,000	<600	--	3.5	--
7/27/1998	--		22.99	8.00	12.00	7.00	15.99	140,000	920	1,500	2,400	13,000	<600	--	1.0	--
10/14/1998	--		22.99	8.00	12.00	7.04	15.95	300,000	1,200	2,400	5,700	32,000	970	--	1.0	--
1/21/1999	--		22.99	8.00	12.00	6.50	16.49	120,000	860	1,500	2,600	14,000	<600	--	0.5	--
5/6/1999	--		22.99	8.00	12.00	6.90	16.09	49,000	670	1,400	2,500	11,000	170	--	1.03	--
8/23/1999	--		22.99	8.00	12.00	6.53	16.46	51,000	440	930	2,200	9,200	<150	--	0.67	--
10/28/1999	--		22.99	8.00	12.00	7.50	15.49	1,400,000	830	4,100	15,000	78,000	<5,000	--	0.77	--
2/4/2000	--		22.99	8.00	12.00	6.21	16.78	<50	<0.5	<0.5	<0.5	<1	650	--	1.61	--
6/20/2000	--		22.99	8.00	12.00	6.22	16.77	45,000	670	990	2,400	12,000	<500	--	--	--
9/29/2000	--		22.99	8.00	12.00	7.20	15.79	51,000	860	1,120	2,720	12,900	<250	--	--	--
12/17/2000	--		22.99	8.00	12.00	--	--	--	--	--	--	--	--	--	--	--
3/28/2001	--		22.99	8.00	12.00	6.10	16.89	43,500	804	<200	250	11,000	<1,000	--	--	--
6/20/2001	--		22.99	8.00	12.00	6.14	16.85	62,000	1,000	850	2,800	13,000	<2,500	--	--	--
9/22/2001	--		22.99	8.00	12.00	7.24	15.75	53,000	1,200	1,200	3,100	13,000	<1,000	--	--	--
12/27/2001	--		22.99	8.00	12.00	7.00	15.99	44,000	860	840	2,300	10,000	<250	--	--	--
3/15/2002	--		22.99	8.00	12.00	7.02	15.97	43,000	1,000	810	2,300	11,000	<250	--	--	--
4/18/2002	--		22.99	8.00	12.00	--	--	--	--	--	--	--	--	--	--	--
7/23/2002	P	d	22.99	8.00	12.00	7.22	15.77	45,000	750	570	2,100	10,000	<250	--	1	8
10/16/2002	P	d	22.99	8.00	12.00	7.54	15.45	42,000	780	620	2,500	11,000	<250	--	1.4	7.7
1/23/2003	P	g	22.99	8.00	12.00	6.85	16.14	68,000	580	500	3,300	16,000	<100	--	1.3	7
4/7/2003	--		22.99	8.00	12.00	7.05	15.94	48,000	620	450	2,200	11,000	<50	--	1.4	6.9

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE			Semi-VOCs
<b>MW-3 Cont.</b>																
8/7/2003	--	m	--	8.00	12.00	6.89	--	35,000	360	250	1,700	8,100	<100	--	2.4	8.9
10/23/2003	P	m	22.99	8.00	12.00	7.05	15.94	36,000	340	250	1,700	8,300	<25	--	--	--
01/12/2004	NP		22.99	8.00	12.00	5.93	17.06	1,100	<5.0	<5.0	<5.0	34	<5.0	--	3.2	9.5
04/20/2004	P	r	22.63	8.00	12.00	7.60	15.03	30,000	210	170	1,700	7,300	<50	--	1.6	7.8
07/01/2004	P	a	22.63	8.00	12.00	7.76	14.87	33,000	190	190	1,300	6,300	<50	--	2.3	7.4
11/04/2004	--	p	22.63	8.00	12.00	--	--	--	--	--	--	--	--	--	--	--
11/23/2004	P		22.63	8.00	12.00	6.75	15.88	32,000	150	160	1,400	7,100	<50	--	1.2	7.5
01/10/2005	P		22.63	8.00	12.00	4.75	17.88	34,000	180	150	1,400	6,900	<100	--	0.7	7.0
04/14/2005	P		22.63	8.00	12.00	5.60	17.03	26,000	170	200	1,500	5,000	<25	--	2.3	7.0
08/02/2005	P		22.63	8.00	12.00	5.97	16.66	41,000	260	190	1,800	8,600	<25	--	--	7.0
10/21/2005	P		22.63	8.00	12.00	6.55	16.08	39,000	230	160	1,500	7,400	<50	--	1.05	7.0
01/04/2006	P		22.63	8.00	12.00	4.57	18.06	33,000	160	150	1,700	7,500	<25	--	0.97	7.1
04/28/2006	P	a	22.63	8.00	12.00	5.35	17.28	42,000	130	110	1,700	6,500	<25	--	1.39	7.0
8/4/2006	P		22.63	8.00	12.00	5.97	16.66	38,000	180	130	1,500	7,000	<25	--	0.47	6.9
10/23/2006	P		22.63	8.00	12.00	6.66	15.97	48,000	180	120	1,500	7,100	<5.0	--	--	6.98
1/15/2007	P		22.63	8.00	12.00	6.11	16.52	36,000	130	130	1,900	8,400	<25	--	0.97	7.25
4/17/2007	P	a	22.63	8.00	12.00	6.13	16.50	73,000	120	140	2,200	9,900	<25	--	1.13	7.42
7/9/2007	P	a	22.63	8.00	12.00	6.82	15.81	42,000	110	110	1,700	7,100	<25	--	1.38	7.28
10/1/2007	P	a, o, t	22.63	8.00	12.00	6.85	15.78	48,000	100	100	1,700	7,700	<25	--	1.65	7.66
1/7/2008	--	p	22.63	8.00	12.00	--	--	--	--	--	--	--	--	--	--	--
4/1/2008	P	a	22.63	8.00	12.00	8.95	13.68	160,000	<100	<100	1,700	7,400	<100	--	0.96	7.03
7/23/2008	NP		22.63	8.00	12.00	7.00	15.63	33,000	39	47	1,100	5,000	<5.0	--	1.04	6.93
10/22/2008	P	a	22.63	8.00	12.00	7.15	15.48	98,000	<120	<120	2,000	8,000	<120	--	1.06	7.09
1/21/2009	P	a	22.63	8.00	12.00	6.79	15.84	51,000	<100	<100	2,300	9,000	<100	--	0.58	7.08
4/21/2009	P	a	22.63	8.00	12.00	5.80	16.83	720,000	52	<50	790	7,000	<50	--	1.38	7.14
7/21/2009	P	v	22.63	8.00	12.00	6.84	15.79	36,000	29	33	1,300	4,800	<25	--	11.15	7.35
1/12/2010	P		22.63	8.00	12.00	6.19	16.44	25,000	25	24	1,200	3,900	<10	--	1.07	6.63
6/3/2010	P		22.63	8.00	12.00	5.64	16.99	26,000	<25	<25	820	2,900	<25	--	1.16	6.8
7/22/2010	P		22.63	8.00	12.00	6.37	16.26	42,000	<25	<25	1,100	3,500	<25	--	0.38	6.9
<b>2/18/2011</b>	<b>P</b>		<b>22.63</b>	<b>8.00</b>	<b>12.00</b>	<b>5.03</b>	<b>17.60</b>	<b>29,000</b>	<b>&lt;25</b>	<b>&lt;25</b>	<b>1,000</b>	<b>2,800</b>	<b>&lt;25</b>	<b>--</b>	<b>0.70</b>	<b>6.50</b>

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-4																
6/10/1991	--	b	20.75	6.00	9.00	--	--	--	--	--	--	--	--	--	--	--
10/10/1991	--	b	20.75	6.00	9.00	--	--	15,000	5,300	1,500	470	1,300	--	--	--	--
3/23/1992	--	b	20.75	6.00	9.00	--	--	24,000	5,600	4,000	580	3,100	--	--	--	--
6/8/1992	--	b	20.75	6.00	9.00	--	--	5,700	2,000	170	92	270	--	--	--	--
9/15/1992	--	b	20.75	6.00	9.00	--	--	--	--	--	--	--	--	--	--	--
11/16/1992	--	b	20.75	6.00	9.00	--	--	--	--	--	--	--	--	--	--	--
2/16/1993	--		20.75	6.00	9.00	7.10	13.65	12,000	920	1,100	130	750	--	--	--	--
5/13/1993	--		20.75	6.00	9.00	7.02	13.73	19,000	2,900	2,800	360	1,900	--	--	--	--
8/17/1993	--		20.75	6.00	9.00	7.85	12.90	8,100	1,600	1,300	170	730	--	--	--	--
11/8/1993	--	b	20.75	6.00	9.00	--	--	2,000	540	110	10	240	--	--	--	--
2/14/1994	--	b	20.75	6.00	9.00	--	--	--	--	--	--	--	--	--	--	--
5/5/1994	--		20.75	6.00	9.00	7.73	13.02	1,900	510	78	31	150	--	--	--	--
8/4/1994	--	n	20.75	6.00	9.00	7.83	12.92	1,300	360	17	<5	190	--	--	--	--
11/20/1994	--		20.75	6.00	9.00	7.73	13.02	<50	2.9	0.5	<0.5	1.4	--	--	--	--
3/17/1995	--		20.75	6.00	9.00	6.65	14.10	16,000	1,800	970	310	2,500	--	--	--	--
6/1/1995	--		20.75	6.00	9.00	7.25	13.50	16,000	2,800	870	380	2,700	--	--	--	--
8/31/1995	--		20.75	6.00	9.00	7.75	13.00	9,000	2,000	270	270	1,400	<100	--	--	--
11/27/1995	--		20.75	6.00	9.00	7.87	12.88	3,800	890	130	130	550	--	--	--	--
2/22/1996	--		20.75	6.00	9.00	7.29	13.46	940	150	82	19	130	<20	--	--	--
5/20/1996	--		20.75	6.00	9.00	7.30	13.45	6,700	1,100	330	120	1,100	<100	--	--	--
8/26/1996	--		20.75	6.00	9.00	7.57	13.18	14,000	2,400	510	350	2,100	<100	--	--	--
11/20/1996	--		20.75	6.00	9.00	7.89	12.86	420	55	17	11	62	<3	--	--	--
3/24/1997	--		22.38	6.00	9.00	6.90	15.48	6,800	620	150	81	1,300	<50	--	--	--
5/23/1997	--		22.38	6.00	9.00	7.80	14.58	9,000	1,300	240	200	1,600	<60	--	--	--
8/19/1997	--	b	22.38	6.00	9.00	--	--	--	--	--	--	--	--	--	--	--
11/19/1997	--	b,j	22.38	6.00	9.00	--	--	3700	600	93	120	710	<60	--	--	--
2/19/1998	--		22.38	6.00	9.00	6.78	15.60	1,800	93	51	29	420	110	--	--	--
4/23/1998	--		22.38	6.00	9.00	6.47	15.91	6,500	700	110	180	1,300	93	--	0.5	--
7/27/1998	--		22.38	6.00	9.00	7.22	15.16	10,000	1,400	140	290	1,900	<120	--	1.5	--
10/14/1998	--		22.38	6.00	9.00	7.60	14.78	6,500	900	63	200	1,200	63	--	1	--
1/21/1999	--		22.38	6.00	9.00	7.43	14.95	1,700	140	22	56	320	13	--	0.5	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-4 Cont.																
5/6/1999	--		22.38	6.00	9.00	6.55	15.83	3,300	250	36	73	890	41	--	1.28	--
8/23/1999	--		22.38	6.00	9.00	7.16	15.22	7,400	500	73	230	1,700	57	--	0.89	--
10/28/1999	--		22.38	6.00	9.00	8.28	14.10	370	41	5.7	14	52	16	--	0.92	--
2/4/2000	--		22.38	6.00	9.00	8.23	14.15	310	33	7.5	11	65	8	--	2.43	--
6/20/2000	--		22.38	6.00	9.00	6.46	15.92	2,700	210	20	94	520	46	--	--	--
9/29/2000	--	b	22.38	6.00	9.00	--	--	--	--	--	--	--	--	--	--	--
12/17/2000	--	b	22.38	6.00	9.00	--	--	--	--	--	--	--	--	--	--	--
3/28/2001	--	b	22.38	6.00	9.00	7.49	14.89	--	--	--	--	--	--	--	--	--
6/20/2001	--		22.38	6.00	9.00	7.21	15.17	13,000	690	170	330	1,400	110	--	--	--
9/22/2001	--		22.38	6.00	9.00	7.43	14.95	6,700	650	110	410	1,800	100	--	--	--
12/27/2001	--		22.38	6.00	9.00	7.32	15.06	1,200	47	15	46	250	15	--	--	--
3/15/2002	--		22.38	6.00	9.00	7.43	14.95	490	34	7.4	26	110	12	--	--	--
4/18/2002	--		22.38	6.00	9.00	7.00	15.38	<50	0.57	0.83	<0.5	1.1	3.7	--	--	--
7/23/2002	NP	d	22.38	6.00	9.00	7.70	14.68	820	80	12	23	190	41	--	2.2	7.3
10/16/2002	NP	d	22.38	6.00	9.00	7.75	14.63	2,000	220	25	140	570	<25	--	1.8	7.6
1/23/2003	NP	g	22.38	6.00	9.00	7.11	15.27	<250	<2.5	<2.5	<2.5	8.8	5.9	--	1.7	7
4/7/2003	--		22.38	6.00	9.00	7.19	15.19	310	24	2.4	15	62	9.2	--	1.1	7.1
8/7/2003	--	m	22.38	6.00	9.00	7.45	14.93	3,000	280	<25	150	700	<25	--	1.2	6.8
10/23/2003	NP	m	22.38	6.00	9.00	7.59	14.79	1,700	150	7.6	83	320	12	--	--	--
01/12/2004	NP		22.38	6.00	9.00	7.40	14.98	260	4.4	<2.5	<2.5	27	4.3	--	2.4	7.3
04/20/2004	NP	r	23.32	6.00	9.00	7.38	15.94	1,500	160	<5.0	50	320	12	--	1.4	7.1
07/01/2004	NP		23.32	6.00	9.00	7.78	15.54	1,800	150	5.2	16	260	15	--	1.9	7.0
11/04/2004	NP		23.32	6.00	9.00	7.75	15.57	640	38	1.9	2.1	110	5.7	--	1.9	7.0
01/10/2005	NP		23.32	6.00	9.00	7.54	15.78	<50	1.1	<0.50	<0.50	0.96	2.5	--	1.61	7.0
04/14/2005	NP		23.32	6.00	9.00	7.20	16.12	320	16	0.69	1.4	48	4.5	--	2.5	7.0
08/02/2005	NP		23.32	6.00	9.00	7.35	15.97	1,100	77	2.8	9.0	190	7.1	--	--	6.8
10/21/2005	NP		23.32	6.00	9.00	7.25	16.07	1,700	84	3.9	6.5	250	10	--	1.99	6.9
01/04/2006	NP		23.32	6.00	9.00	7.52	15.80	460	14	<1.0	2.1	72	3.7	--	1.15	7.2
04/28/2006	NP		23.32	6.00	9.00	6.55	16.77	670	17	<1.0	3.7	33	3.7	--	1.39	7.0
8/4/2006	NP		23.32	6.00	9.00	7.00	16.32	2,800	240	9.3	14	280	15	--	1.26	7.1
10/23/2006	P		23.32	6.00	9.00	7.33	15.99	2,100	200	7.8	17	150	16	--	--	7.08



**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-4 Cont.</b>																
1/15/2007	--		23.32	6.00	9.00	7.60	15.72	--	--	--	--	--	--	--	--	--
4/17/2007	NP		23.32	6.00	9.00	7.47	15.85	110	9.0	<1.0	1.0	4.5	3.5	--	3.79	7.25
7/9/2007	NP		23.32	6.00	9.00	7.55	15.77	1,400	130	5.4	14	96	14	--	3.55	7.40
10/1/2007	NP		23.32	6.00	9.00	7.69	15.63	1,300	120	6.4	12	91	11	--	3.08	7.42
1/7/2008	NP		23.32	6.00	9.00	7.38	15.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.25	7.26
4/1/2008	NP		23.32	6.00	9.00	7.05	16.27	190	<0.50	<0.50	<0.50	<0.50	0.68	--	1.32	7.12
7/23/2008	--	c	23.32	6.00	9.00	7.36	15.96	--	--	--	--	--	--	--	--	--
10/22/2008	--	c	23.32	6.00	9.00	7.41	15.91	--	--	--	--	--	--	--	--	--
1/21/2009	--	c	23.32	6.00	9.00	7.39	15.93	--	--	--	--	--	--	--	--	--
4/21/2009	NP		23.32	6.00	9.00	6.90	16.42	<50	<0.50	<0.50	<0.50	<0.50	1.5	--	1.18	7.28
7/21/2009	--		23.32	6.00	9.00	7.18	16.14	--	--	--	--	--	--	--	--	--
1/12/2010	--		23.32	6.00	9.00	7.23	16.09	--	--	--	--	--	--	--	--	--
6/3/2010	P		23.32	6.00	9.00	6.35	16.97	650	38	<0.50	0.71	<0.50	2.3	--	1.10	7.1
7/22/2010	--		23.32	6.00	9.00	7.34	15.98	--	--	--	--	--	--	--	--	--
2/18/2011	--		23.32	6.00	9.00	6.89	16.43	--	--	--	--	--	--	--	--	--
<b>MW-5</b>																
6/10/1991	--		20.90	6.00	10.50	7.58	13.32	100,000	25,000	20,000	2,600	12,000	--	--	--	--
10/10/1991	--	a	20.90	6.00	10.50	8.51	12.39	--	--	--	--	--	--	--	--	--
3/23/1992	--		20.90	6.00	10.50	6.06	14.84	150,000	24,000	31,000	4,400	23,000	--	--	--	--
6/8/1992	--		20.90	6.00	10.50	7.66	13.24	120,000	17,000	13,000	2,400	11,000	--	--	--	--
9/15/1992	--	l	20.90	6.00	10.50	8.40	12.50	--	--	--	--	--	--	--	--	--
11/16/1992	--		20.90	6.00	10.50	7.70	13.20	110,000	16,000	16,000	3,200	18,000	--	--	--	--
2/16/1993	--		20.90	6.00	10.50	5.64	15.26	150,000	12,000	15,000	3,000	17,000	--	--	--	--
5/13/1993	--	l	20.90	6.00	10.50	6.68	14.22	--	--	--	--	--	--	--	--	--
8/17/1993	--		20.90	6.00	10.50	7.49	13.41	87,000	15,000	8,500	1,900	11,000	--	--	--	--
11/8/1993	--		20.90	6.00	10.50	7.93	12.97	87,000	12,000	8,300	2,000	12,000	--	--	--	--
2/14/1994	--		20.90	6.00	10.50	6.49	14.41	46,000	7,300	5,300	940	5,200	--	--	--	--
5/5/1994	--		20.90	6.00	10.50	7.18	13.72	54,000	9,700	4,700	1,000	6,400	--	--	--	--
8/4/1994	--		20.90	6.00	10.50	7.83	13.07	57,000	14,000	3,200	1,200	7,200	--	--	--	--
11/20/1994	--		20.90	6.00	10.50	6.34	14.56	33,000	5,700	1,800	720	4,700	--	--	--	--

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-5 Cont.</b>																
3/17/1995	--		20.90	6.00	10.50	5.51	15.39	48,000	6,400	2,000	740	5,100	--	--	--	--
6/1/1995	--		20.90	6.00	10.50	6.55	14.35	76,000	11,000	5,400	1,400	7,700	--	--	--	--
8/31/1995	--		20.90	6.00	10.50	6.80	14.10	53,000	12,000	1,600	1,000	6,000	<500	--	--	--
11/27/1995	--		20.90	6.00	10.50	7.13	13.77	43,000	7,900	3,300	950	4,900	--	--	--	--
2/22/1996	--		20.90	6.00	10.50	5.12	15.78	52,000	9,100	3,300	940	5,000	<500	--	--	--
5/20/1996	--		20.90	6.00	10.50	5.87	15.03	55,000	9,300	3,800	1,100	5,400	<500	--	--	--
8/26/1996	--		20.90	6.00	10.50	7.15	13.75	47,000	5,300	2,100	780	3,200	<300	--	--	--
11/20/1996	--		20.90	6.00	10.50	6.88	14.02	53,000	8,700	5,700	920	4,400	<500	--	--	--
3/24/1997	--		22.45	6.00	10.50	7.13	15.32	39,000	8,200	3,200	720	3,100	<500	--	--	--
5/23/1997	--		22.45	6.00	10.50	7.42	15.03	29,000	6,600	1,700	400	1,500	<600	--	--	--
8/19/1997	--		22.45	6.00	10.50	7.58	14.87	16,000	4,600	790	<50	1,300	<300	--	--	--
11/19/1997	--		22.45	6.00	10.50	7.58	14.87	22,000	5,800	1,300	380	1,300	<300	--	--	--
2/19/1998	--		22.45	6.00	10.50	4.65	17.80	40,000	5,100	3,800	620	2,900	<300	--	--	--
4/23/1998	--		22.45	6.00	10.50	6.25	16.20	45,000	8,000	4,000	970	4,200	<600	--	1.5	--
7/27/1998	--		22.45	6.00	10.50	6.71	15.74	30,000	8,000	2,000	590	1,900	<600	--	1.5	--
10/14/1998	--		22.45	6.00	10.50	7.19	15.26	33,000	7,400	1,900	550	1,700	<300	--	1.5	--
1/21/1999	--		22.45	6.00	10.50	7.03	15.42	34,000	6,200	2,600	630	2,300	<600	--	2.5	--
5/6/1999	--		22.45	6.00	10.50	7.02	15.43	7,900	2,400	200	240	580	12	--	1.07	--
8/23/1999	--		22.45	6.00	10.50	7.04	15.41	25,000	5,800	2,300	570	2,000	67	--	1.04	--
10/28/1999	--		22.45	6.00	10.50	7.90	14.55	20,000	5,900	1,100	450	1,100	<250	--	0.87	--
2/4/2000	--		22.45	6.00	10.50	6.71	15.74	32,000	2,500	3,800	770	4,200	<75	--	2.33	--
6/20/2000	--		22.45	6.00	10.50	6.78	15.67	10,000	3,000	650	260	700	<200	--	--	--
9/29/2000	--	b	22.45	6.00	10.50	--	--	--	--	--	--	--	--	--	--	--
12/17/2000	--	b	22.45	6.00	10.50	--	--	--	--	--	--	--	--	--	--	--
3/28/2001	--		22.45	6.00	10.50	6.48	15.97	23,400	4,160	3,450	728	3,090	<250	--	--	--
6/20/2001	--		22.45	6.00	10.50	7.26	15.19	120,000	1,200	49	190	540	<100	--	--	--
9/22/2001	--	b	22.45	6.00	10.50	--	--	--	--	--	--	--	--	--	--	--
12/27/2001	--		22.45	6.00	10.50	6.56	15.89	16,000	1,500	2,700	730	3,200	<250	--	--	--
3/15/2002	--		22.45	6.00	10.50	6.90	15.55	20,000	2,600	3,300	1,000	4,000	<250	--	--	--
4/18/2002	--		22.45	6.00	10.50	6.17	16.28	17,000	3,200	2,900	790	3,000	<250	--	--	--
7/23/2002	NP	d	22.45	6.00	10.50	7.36	15.09	4,600	1,400	30	160	470	110	--	1.7	7.5

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-5 Cont.																
10/16/2002	NP	d	22.45	6.00	10.50	7.66	14.79	5,400	1,300	<20	62	150	<100	--	1.1	7.5
1/23/2003	NP	g	22.45	6.00	10.50	6.28	16.17	<5,000	110	<50	<50	98	<50	--	1.1	7.6
4/7/2003	--		22.45	6.00	10.50	7.21	15.24	1,600	310	18	36	62	32	--	1.5	7.2
8/7/2003	--	m	22.45	6.00	10.50	7.46	14.99	<50	1.8	<0.50	<0.50	<0.50	3.5	--	12.2	9
10/23/2003	NP	m	22.45	6.00	10.50	7.68	14.77	76	14	<0.50	0.77	0.61	12	--	--	--
01/12/2004	NP		22.45	6.00	10.50	6.34	16.11	<50	1.5	0.68	<0.50	0.62	11	--	6.8	8.8
04/20/2004	NP	r	23.47	6.00	10.50	8.12	15.35	300	53	13	12	29	12	--	8.9	8.5
07/01/2004	NP		23.47	6.00	10.50	8.62	14.85	<50	0.56	<0.50	<0.50	<0.50	11	--	10.6	8.5
11/04/2004	NP		23.47	6.00	10.50	7.01	16.46	90	6.3	0.94	1.3	5.7	9.4	--	7.5	7.6
01/10/2005	NP		23.47	6.00	10.50	5.51	17.96	710	0.55	<0.50	0.52	53	40	--	1.54	7.2
04/14/2005	NP		23.47	6.00	10.50	5.67	17.80	1,800	130	5.9	54	350	40	--	2.0	6.8
08/02/2005	NP		23.47	6.00	10.50	5.94	17.53	3,800	210	7.3	250	520	19	--	--	6.9
10/21/2005	NP		23.47	6.00	10.50	6.69	16.78	4,100	330	7.4	190	420	16	--	1.42	6.9
01/04/2006	NP		23.47	6.00	10.50	5.55	17.92	5,100	580	14	210	420	30	--	0.62	6.8
04/28/2006	NP		23.47	6.00	10.50	5.52	17.95	2,900	190	5.9	59	150	9.9	--	1.74	7.0
8/4/2006	NP		23.47	6.00	10.50	6.51	16.96	3,800	380	7.6	34	140	14	--	0.82	6.9
10/23/2006	P		23.47	6.00	10.50	7.34	16.13	3,300	310	96	70	210	13	--	--	6.99
1/15/2007	P		23.47	6.00	10.50	6.67	16.80	5,600	320	300	220	820	10	--	1.03	7.03
4/17/2007	NP		23.47	6.00	10.50	6.72	16.75	3,400	200	12	160	250	5.9	--	2.25	7.11
7/9/2007	NP		23.47	6.00	10.50	7.30	16.17	2,600	240	7.0	15	63	6.9	--	2.28	7.16
10/1/2007	NP		23.47	6.00	10.50	7.56	15.91	2,300	220	5.4	4.6	13	4.2	--	2.33	7.19
1/7/2008	NP		23.47	6.00	10.50	6.12	17.35	2,100	190	8.8	18	46	4.1	--	1.06	6.97
4/1/2008	NP		23.47	6.00	10.50	6.48	16.99	2,300	87	2.9	27	68	1.8	--	2.50	7.01
7/23/2008	NP		23.47	6.00	10.50	7.16	16.31	2,900	210	<10	52	78	<10	--	1.4	7.03
10/22/2008	NP		23.47	6.00	10.50	7.77	15.70	4,000	310	7.4	<5.0	7.9	<5.0	--	2.64	7.01
1/21/2009	P	a	23.47	6.00	10.50	7.26	16.21	2,300	51	<5.0	9.4	17	<5.0	--	0.19	7.18
4/21/2009	NP		23.47	6.00	10.50	6.83	16.64	2,100	0.69	<0.50	<0.50	11	0.74	--	1.54	7.08
7/21/2009	--		23.47	6.00	10.50	7.57	15.90	--	--	--	--	--	--	--	--	--
1/12/2010	--		23.47	6.00	10.50	6.80	16.67	--	--	--	--	--	--	--	--	--
6/3/2010	P		23.47	6.00	10.50	6.38	17.09	6,200	140	18	78	110	<2.5	--	1.77	6.9
7/22/2010	--		23.47	6.00	10.50	7.08	16.39	--	--	--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-5 Cont.</b>																
2/18/2011	--		23.47	6.00	10.50	6.37	17.10	--	--	--	--	--	--	--	--	--
<b>MW-6</b>																
6/10/1991	--	b	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
10/10/1991	--	b	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
3/23/1992	--		22.08	5.50	9.00	7.45	14.63	75,000	19,000	10,000	1,600	8,600	--	--	--	--
6/8/1992	--	b	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
9/15/1992	--	b	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
11/16/1992	--	b	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
2/16/1993	--		22.08	5.50	9.00	6.79	15.29	65,000	14,000	3,500	1,300	6,100	--	--	--	--
5/13/1993	--		22.08	5.50	9.00	7.73	14.35	36,000	8,200	870	1,000	5,200	--	--	--	--
8/17/1993	--	b	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
11/8/1993	--	b	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
2/14/1994	--		22.08	5.50	9.00	7.78	14.30	47,000	14,000	390	1,000	5,100	--	--	--	--
5/5/1994	--	n	22.08	5.50	9.00	8.24	13.84	45,000	14,000	<200	1,300	4,500	--	--	--	--
8/4/1994	--	b	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
11/20/1994	--	n	22.08	5.50	9.00	7.41	14.67	30,000	11,000	<100	1,200	2,300	--	--	--	--
3/17/1995	--	n	22.08	5.50	9.00	6.66	15.42	45,000	9,300	<100	1,900	3,600	--	--	--	--
5/1/1995	--		22.08	5.50	9.00	7.60	14.48	23,000	5,600	<50	1,300	1,900	--	--	--	--
8/31/1995	--		22.08	5.50	9.00	7.92	14.16	26,000	8,000	<100	1,900	900	<500	--	--	--
11/27/1995	--		22.08	5.50	9.00	8.21	13.87	6,700	1,800	<20	480	230	--	--	--	--
2/22/1996	--		22.08	5.50	9.00	6.21	15.87	17,000	3,100	69	810	1,500	<300	--	--	--
5/20/1996	--		22.08	5.50	9.00	7.07	15.01	16,000	3,700	<50	1,100	1,100	<300	--	--	--
8/26/1996	--		22.08	5.50	9.00	7.93	14.15	23,000	5,800	<50	2,000	560	<300	--	--	--
11/20/1996	--	j	22.08	5.50	9.00	8.02	14.06	11,000	3,300	<50	480	370	<300	--	--	--
3/24/1997	--		22.77	5.50	9.00	7.95	14.82	9,700	1,900	<20	800	270	<100	--	--	--
5/23/1997	--		22.77	5.50	9.00	8.17	14.60	16,000	4,300	<50	1,400	180	<300	--	--	--
8/19/1997	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
11/19/1997	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
2/19/1998	--		22.77	5.50	9.00	5.78	16.99	2,600	540	8	90	88	<30	--	--	--
4/23/1998	--		22.77	5.50	9.00	6.83	15.94	7,600	1,300	13	520	190	<60	--	0.5	--

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-6 Cont.</b>																
7/27/1998	--		22.77	5.50	9.00	7.80	14.97	15,000	3,600	<25	1,100	230	<150	--	1	--
10/14/1998	--		22.77	5.50	9.00	8.31	14.46	8,700	2,400	<20	220	36	<120	--	2	--
1/21/1999	--		22.77	5.50	9.00	7.90	14.87	4,800	1,100	<25	340	79	<150	--	2	--
5/6/1999	--		22.77	5.50	9.00	7.70	15.07	1,300	240	2.3	85	19	5	--	1.18	--
8/23/1999	--		22.77	5.50	9.00	8.24	14.53	4,200	970	12	110	29	<15	--	0.9	--
10/28/1999	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
2/4/2000	--		22.77	5.50	9.00	7.31	15.46	110	<0.5	0.6	1.5	1.9	11	--	1.1	--
6/20/2000	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
9/29/2000	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
12/17/2000	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
3/28/2001	--	b	22.77	5.50	9.00	7.57	15.20	--	--	--	--	--	--	--	--	--
6/20/2001	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
9/22/2001	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
12/27/2001	--		22.77	5.50	9.00	7.21	15.56	<50	2.6	0.57	1.1	1.6	<2.5	--	--	--
3/15/2002	--		22.77	5.50	9.00	7.51	15.26	2,100	380	8.6	110	17	<25	--	--	--
4/18/2002	--		22.77	5.50	9.00	6.89	15.88	2,200	440	12	96	14	52	--	--	--
7/23/2002	NP		22.77	5.50	9.00	8.50	14.27	--	--	--	--	--	--	--	--	--
10/16/2002	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
1/23/2003	--	g, h	22.77	5.50	9.00	--	--	<250	58	<2.5	6.2	3.8	17	--	2.1	--
1/23/2003	NP	g	22.77	5.50	9.00	8.05	14.72	<5,000	<50	<50	<50	<50	<50	--	2.1	6.4
4/7/2003	--		22.77	5.50	9.00	8.11	14.66	330	13	<0.50	2.7	8.6	15	--	2.2	6.9
8/7/2003	--	b	22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
10/23/2003	NP		22.77	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
01/12/2004	NP		22.77	5.50	9.00	7.63	15.14	3,600	560	<25	120	<25	150	--	0.6	7.1
04/20/2004	NP	c, r	24.66	5.50	9.00	8.54	16.12	--	--	--	--	--	--	--	--	--
07/01/2004	--	b	24.66	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
11/04/2004	NP		24.66	5.50	9.00	8.10	16.56	4,900	580	<10	180	30	230	--	2.9	6.9
01/10/2005	NP		24.66	5.50	9.00	7.03	17.63	5,400	540	<25	150	46	240	--	1.29	6.9
04/14/2005	NP		24.66	5.50	9.00	6.85	17.81	3,600	410	5.2	100	25	210	--	2.7	--
08/02/2005	NP		24.66	5.50	9.00	7.28	17.38	4,300	340	<5.0	110	44	150	--	--	6.8
10/21/2005	NP		24.66	5.50	9.00	7.38	17.28	3,400	250	<5.0	80	20	110	--	2.38	6.8

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-6 Cont.</b>																
01/04/2006	NP		24.66	5.50	9.00	7.20	17.46	2,800	270	4.0	75	14	130	--	1.07	7.3
04/28/2006	NP		24.66	5.50	9.00	6.60	18.06	4,400	170	<2.5	45	7.2	170	--	1.3	6.8
8/4/2006	NP		24.66	5.50	9.00	7.50	17.16	2,200	93	<2.5	15	9.0	110	--	1.23	6.7
10/23/2006	--		24.66	5.50	9.00	8.48	16.18	--	--	--	--	--	--	--	--	--
1/15/2007	--		24.66	5.50	9.00	8.05	16.61	--	--	--	--	--	--	--	--	--
4/17/2007	NP		24.66	5.50	9.00	7.58	17.08	330	5.6	<1.0	1.5	1.2	24	--	1.82	7.02
7/9/2007	NP		24.66	5.50	9.00	8.34	16.32	1,600	63	1.4	16	9.4	51	--	1.73	7.13
10/1/2007	--		24.66	5.50	9.00	8.60	16.06	--	--	--	--	--	--	--	--	--
1/7/2008	NP		24.66	5.50	9.00	7.22	17.44	300	2.2	<0.50	2.8	1.0	37	--	3.24	7.16
4/1/2008	NP		24.66	5.50	9.00	7.87	16.79	110	<0.50	<0.50	<0.50	<0.50	1.4	--	6.21	7.19
7/23/2008	--	b	24.66	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
10/22/2008	--	b	24.66	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
1/21/2009	--	b	24.66	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
4/21/2009	--	c	24.66	5.50	9.00	7.91	16.75	--	--	--	--	--	--	--	--	--
7/21/2009	--	b	24.66	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--
1/12/2010	--		24.66	5.50	9.00	8.11	16.55	--	--	--	--	--	--	--	--	--
6/3/2010	--		24.66	5.50	9.00	7.45	17.21	--	--	--	--	--	--	--	--	--
7/22/2010	--		24.66	5.50	9.00	8.19	16.47	--	--	--	--	--	--	--	--	--
1/18/2011	--		24.66	5.50	9.00	7.48	17.18	--	--	--	--	--	--	--	--	--
<b>MW-7</b>																
6/10/1991	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
10/10/1991	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
3/23/1992	--		22.89	8.00	10.00	8.20	14.69	270	10	0.5	3	13	--	--	--	--
6/8/1992	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
9/15/1992	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
11/16/1992	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
2/16/1993	--		22.89	8.00	10.00	7.84	15.05	120	3.6	<0.5	<0.5	1.2	--	--	--	--
5/13/1993	--		22.89	8.00	10.00	8.56	14.33	<50	0.8	<0.5	<0.5	<0.5	--	--	--	--
8/17/1993	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
11/8/1993	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-7 Cont.																
2/14/1994	--		22.89	8.00	10.00	8.80	14.09	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
5/5/1994	--		22.89	8.00	10.00	9.11	13.78	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/4/1994	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
11/20/1994	--		22.89	8.00	10.00	8.72	14.17	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
3/17/1995	--		22.89	8.00	10.00	7.68	15.21	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
6/1/1995	--		22.89	8.00	10.00	8.40	14.49	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/31/1995	--		22.89	8.00	10.00	9.09	13.80	<50	<0.5	<0.5	0.6	<0.5	<3	--	--	--
11/27/1995	--		22.89	8.00	10.00	9.15	13.74	<50	<0.5	<0.5	0.9	<0.5	--	--	--	--
2/22/1996	--		22.89	8.00	10.00	7.44	15.45	110	1.4	<0.5	3.8	3	<3	--	--	--
5/20/1996	--		22.89	8.00	10.00	8.47	14.42	--	--	--	--	--	--	--	--	--
8/26/1996	--		22.89	8.00	10.00	8.81	14.08	--	--	--	--	--	--	--	--	--
11/20/1996	--		22.89	8.00	10.00	9.17	13.72	--	--	--	--	--	--	--	--	--
3/24/1997	--		22.89	8.00	10.00	8.31	14.58	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
5/23/1997	--		22.89	8.00	10.00	9.26	13.63	--	--	--	--	--	--	--	--	--
8/19/1997	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
11/19/1997	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
2/19/1998	--		22.89	8.00	10.00	6.13	16.76	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
4/23/1998	--		22.89	8.00	10.00	7.44	15.45	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--
7/27/1998	--		22.89	8.00	10.00	8.75	14.14	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--
10/14/1998	--		22.89	8.00	10.00	9.22	13.67	<50	<0.5	<0.5	<0.5	<0.5	<3	--	3.0	--
1/21/1999	--		22.89	8.00	10.00	9.07	13.82	52	<0.5	<0.5	<0.5	0.27	<3	--	0.83	--
5/6/1999	--		22.89	8.00	10.00	8.32	14.57	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.42	--
8/23/1999	--		22.89	8.00	10.00	9.25	13.64	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
10/28/1999	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
2/4/2000	--		22.89	8.00	10.00	8.79	14.10	<50	<0.5	<0.5	<0.5	<1	<3	--	4.46	--
6/20/2000	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
9/29/2000	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
12/17/2000	--		22.89	8.00	10.00	8.93	13.96	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
3/28/2001	--		22.89	8.00	10.00	8.35	14.54	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
6/20/2001	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
9/22/2001	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--

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ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE			Semi-VOCs
MW-7 Cont.																
12/27/2001	--		22.89	8.00	10.00	8.42	14.47	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
3/15/2002	--		22.89	8.00	10.00	8.54	14.35	<50	1.3	2.6	1.1	5.4	<2.5	--	--	--
4/18/2002	--		22.89	8.00	10.00	7.84	15.05	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	3.32	--
7/23/2002	NP		22.89	8.00	10.00	9.51	13.38	--	--	--	--	--	--	--	--	--
10/16/2002	--	b	22.89	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
1/23/2003	NP	g	22.89	8.00	10.00	8.04	14.85	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.4	6.7
4/7/2003	--		22.89	8.00	10.00	8.39	14.50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.1	6.9
8/7/2003	--		22.89	8.00	10.00	9.01	13.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	4.5	6.9
10/23/2003	NP		22.89	8.00	10.00	9.22	13.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
01/12/2004	NP		22.89	8.00	10.00	8.81	14.08	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.8	7.3
04/20/2004	NP	r	25.46	8.00	10.00	8.95	16.51	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.6	7.2
07/01/2004	--	b	25.46	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
11/04/2004	NP		25.46	8.00	10.00	9.04	16.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	5.4	7.1
01/10/2005	NP		25.46	8.00	10.00	8.25	17.21	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	7.02	7.0
04/14/2005	--		25.46	8.00	10.00	7.95	17.51	--	--	--	--	--	--	--	--	--
08/02/2005	NP		25.46	8.00	10.00	8.40	17.06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	6.8
10/21/2005	--		25.46	8.00	10.00	8.92	16.54	--	--	--	--	--	--	--	--	--
01/04/2006	--		25.46	8.00	10.00	8.62	16.84	--	--	--	--	--	--	--	--	--
04/28/2006	--		25.46	8.00	10.00	7.78	17.68	--	--	--	--	--	--	--	--	--
8/4/2006	NP		25.46	8.00	10.00	8.78	16.68	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	4.49	7.2
10/23/2006	--		25.46	8.00	10.00	9.39	16.07	--	--	--	--	--	--	--	--	--
1/15/2007	--		25.46	8.00	10.00	9.06	16.40	--	--	--	--	--	--	--	--	--
4/17/2007	--		25.46	8.00	10.00	9.12	16.34	--	--	--	--	--	--	--	--	--
7/9/2007	NP	b	25.46	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
10/1/2007	--		25.46	8.00	10.00	9.60	15.86	--	--	--	--	--	--	--	--	--
1/7/2008	--		25.46	8.00	10.00	8.99	16.47	--	--	--	--	--	--	--	--	--
4/1/2008	--		25.46	8.00	10.00	8.35	17.11	--	--	--	--	--	--	--	--	--
7/23/2008	--	b	25.46	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
10/22/2008	--	b	25.46	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
1/21/2009	--		25.46	8.00	10.00	9.35	16.11	--	--	--	--	--	--	--	--	--
4/21/2009	--		25.46	8.00	10.00	8.72	16.74	--	--	--	--	--	--	--	--	--



Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-7 Cont.</b>																
7/21/2009	--	b	25.46	8.00	10.00	--	--	--	--	--	--	--	--	--	--	--
1/12/2010	--		25.46	8.00	10.00	9.11	16.35	--	--	--	--	--	--	--	--	--
6/3/2010	--		25.46	8.00	10.00	8.34	17.12	--	--	--	--	--	--	--	--	--
7/22/2010	--		25.46	8.00	10.00	9.13	16.33	--	--	--	--	--	--	--	--	--
2/18/2011	--		25.46	8.00	10.00	8.51	16.95	--	--	--	--	--	--	--	--	--
<b>MW-8</b>																
6/10/1991	--		20.97	6.50	10.50	7.80	13.17	5,800	73	7.2	150	21	--	--	--	--
10/10/1991	--		20.97	6.50	10.50	8.87	12.10	2,800	31	6.1	4.5	3.9	--	--	--	--
3/23/1992	--	n	20.97	6.50	10.50	5.81	15.16	8,000	18	<5	320	42	--	--	--	--
6/8/1992	--	n	20.97	6.50	10.50	8.01	12.96	4,000	<10	<10	110	<10	--	--	--	--
9/15/1992	--	n	20.97	6.50	10.50	8.80	12.17	4,200	6.4	<5	120	<5	--	--	--	--
11/16/1992	--	n	20.97	6.50	10.50	8.19	12.78	2,600	4	<2.5	21	5.2	--	--	--	--
2/16/1993	--	n	20.97	6.50	10.50	5.84	15.13	8,700	<5	<5	200	<5	--	--	--	--
5/13/1993	--	n	20.97	6.50	10.50	6.93	14.04	2,300	<5	<5	42	<5	--	--	--	--
8/17/1993	--	n	20.97	6.50	10.50	7.87	13.10	1,700	1.8	<1.3	16	1.2	--	--	--	--
11/8/1993	--	n	20.97	6.50	10.50	8.31	12.66	1,200	2.4	<1	19	2.3	--	--	--	--
2/14/1994	--	n	20.97	6.50	10.50	7.00	13.97	3,600	3	<1	72	<1	--	--	--	--
5/5/1994	--	n	20.97	6.50	10.50	7.46	13.51	2,100	<2.5	<2.5	8.3	<2.5	--	--	--	--
8/4/1994	--	n	20.97	6.50	10.50	8.17	12.80	1,200	1.5	<1	6.7	<1	--	--	--	--
11/20/1994	--		20.97	6.50	10.50	6.78	14.19	2,300	1.2	1.1	20	2.2	--	--	--	--
3/17/1995	--	n	20.97	6.50	10.50	6.14	14.83	5,400	<5	<5	35	<5	--	--	--	--
6/1/1995	--		20.97	6.50	10.50	6.50	14.47	2,600	<2.5	<2.5	15	<2.5	--	--	--	--
8/31/1995	--		20.97	6.50	10.50	7.35	13.62	1,400	<3	<3	5	<3	520	--	--	--
11/27/1995	--		20.97	6.50	10.50	7.60	13.37	620	<0.5	<0.5	<0.5	0.5	560	--	--	--
2/22/1996	--		20.97	6.50	10.50	5.35	15.62	5,800	<5	<5	28	<5	110	--	--	--
5/20/1996	--		20.97	6.50	10.50	5.92	15.05	6,100	<5	<5	26	<5	240	--	--	--
8/26/1996	--		20.97	6.50	10.50	7.08	13.89	970	<1	<1	3	<1	710	--	--	--
11/20/1996	--		20.97	6.50	10.50	7.01	13.96	3,900	<2.5	<2.5	12	<2.5	930	--	--	--
3/24/1997	--		20.89	6.50	10.50	7.33	13.56	1,400	<10	<10	<10	12	1,300	--	--	--
5/23/1997	--		20.89	6.50	10.50	7.55	13.34	730	<5	<5	<5	<5	630	--	--	--

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ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-8 Cont.																
8/19/1997	--		20.89	6.50	10.50	7.87	13.02	<500	<5	<5	<5	<5	290	--	--	--
11/19/1997	--		20.89	6.50	10.50	7.87	13.02	<200	<2	<2	<2	<2	260	--	--	--
2/19/1998	--		20.89	6.50	10.50	4.46	16.43	2,000	<2	<2	9	<2	140	--	--	--
4/23/1998	--		20.89	6.50	10.50	6.35	14.54	4,500	<5	<5	<5	11	590	--	0.5	--
7/27/1998	--		20.89	6.50	10.50	7.43	13.46	--	--	--	--	--	--	--	--	--
10/14/1998	--		20.89	6.50	10.50	7.79	13.10	--	--	--	--	--	--	--	--	--
1/21/1999	--		20.89	6.50	10.50	6.54	14.35	2,000	<2	<2	3	<2	320	--	2.5	--
5/6/1999	--		20.89	6.50	10.50	7.30	13.59	<50	<0.5	<0.5	<0.5	<0.5	160	--	12.76	--
8/23/1999	--		20.89	6.50	10.50	7.45	13.44	<50	<0.5	<0.5	<0.5	<0.5	5	--	7.85	--
10/28/1999	--		20.89	6.50	10.50	8.22	12.67	160	<0.5	<0.5	<0.5	<1	45	--	0.84	--
2/4/2000	--		20.89	6.50	10.50	8.47	12.42	<50	<0.5	<0.5	<0.5	<1	<3	--	1.92	--
6/20/2000	--		20.89	6.50	10.50	7.23	13.66	150	<0.5	0.9	<0.5	<1.0	310	--	--	--
9/29/2000	--		20.89	6.50	10.50	7.91	12.98	149	<0.5	<0.5	<0.5	<0.5	438	--	--	--
12/17/2000	--		20.89	6.50	10.50	7.11	13.78	662	<5.0	<5.0	<5.0	<5.0	273	--	--	--
3/28/2001	--		20.89	6.50	10.50	6.88	14.01	840	<5.0	<5.0	<5.0	<5.0	320	--	--	--
6/20/2001	--		20.89	6.50	10.50	7.25	13.64	230	<0.5	<0.5	<0.5	0.65	330	--	--	--
9/22/2001	--		20.89	6.50	10.50	8.14	12.75	<50	<0.5	<0.5	<0.5	<0.5	6.5	--	--	--
12/27/2001	--		20.89	6.50	10.50	6.73	14.16	780	<0.5	<0.5	0.6	0.89	160	--	--	--
3/15/2002	--		20.89	6.50	10.50	6.94	13.95	1,100	<10	<10	<10	<10	830	--	--	--
4/18/2002	--		20.89	6.50	10.50	--	--	--	--	--	--	--	--	--	--	--
7/23/2002	NP		20.89	6.50	10.50	7.89	13.00	<50	<0.50	<0.50	<0.50	<0.50	8.7	--	4.5	7.7
10/16/2002	NP		20.89	6.50	10.50	8.13	12.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	4.2	7.5
1/23/2003	NP	g	20.89	6.50	10.50	6.47	14.42	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	4.0	7.5
4/7/2003	--		20.89	6.50	10.50	7.49	13.40	<50	<0.50	<0.50	<0.50	<0.50	19	--	4.7	7.5
6/7/2003	--	m	20.89	6.50	10.50	7.93	12.96	<50	<0.50	<0.50	<0.50	<0.50	0.96	--	14.8	8.3
10/23/2003	NP		20.89	6.50	10.50	7.83	13.06	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	--	--
01/12/2004	NP		20.89	6.50	10.50	6.62	14.27	<50	<0.50	<0.50	<0.50	<0.50	13	--	11.2	9.0
04/20/2004	NP	r	23.55	6.50	10.50	8.21	15.34	55	<0.50	<0.50	<0.50	<0.50	2.5	--	10.1	8.7
07/01/2004	NP		23.55	6.50	10.50	8.48	15.07	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	14.3	8.0
11/04/2004	NP		23.55	6.50	10.50	7.19	16.36	<50	<0.50	<0.50	<0.50	<0.50	13	--	12.0	7.9
01/10/2005	NP		23.55	6.50	10.50	5.42	18.13	<50	<0.50	<0.50	<0.50	<0.50	10	--	2.65	7.1

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
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Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-8 Cont.</b>																
04/14/2005	--		23.55	6.50	10.50	5.74	17.81	--	--	--	--	--	--	--	--	--
08/02/2005	NP		23.55	6.50	10.50	6.60	16.95	<50	<0.50	<0.50	<0.50	<0.50	16	--	--	7.1
10/21/2005	--	Well inaccessible p	23.55	6.50	10.50	--	--	--	--	--	--	--	--	--	--	--
01/04/2006	--		23.55	6.50	10.50	4.97	18.58	--	--	--	--	--	--	--	--	--
04/28/2006	--		23.55	6.50	10.50	5.67	17.88	--	--	--	--	--	--	--	--	--
8/4/2006	NP		23.55	6.50	10.50	7.37	16.18	<50	<0.50	<0.50	<0.50	<0.50	16	--	0.76	7.3
10/23/2006	--		23.55	6.50	10.50	7.74	15.81	--	--	--	--	--	--	--	--	--
1/15/2007	--		23.55	6.50	10.50	7.04	16.51	--	--	--	--	--	--	--	--	--
4/17/2007	--		23.55	6.50	10.50	6.94	16.61	--	--	--	--	--	--	--	--	--
7/9/2007	NP		23.55	6.50	10.50	7.71	15.84	<50	<0.50	<0.50	<0.50	<0.50	17	--	1.90	7.25
10/1/2007	--		23.55	6.50	10.50	8.00	15.55	--	--	--	--	--	--	--	--	--
1/7/2008	--		23.55	6.50	10.50	5.79	17.76	--	--	--	--	--	--	--	--	--
4/1/2008	--		23.55	6.50	10.50	6.89	16.66	--	--	--	--	--	--	--	--	--
7/23/2008	NP		23.55	6.50	10.50	7.80	15.75	<50	<0.50	<0.50	<0.50	<0.50	8.6	--	1.62	7.08
10/22/2008	--		23.55	6.50	10.50	8.19	15.36	--	--	--	--	--	--	--	--	--
1/21/2009	--		23.55	6.50	10.50	7.75	15.80	--	--	--	--	--	--	--	--	--
4/21/2009	--		23.55	6.50	10.50	6.66	16.89	--	--	--	--	--	--	--	--	--
7/21/2009	P		23.55	6.50	10.50	7.86	15.69	<50	<0.50	<0.50	<0.50	<0.50	3.3	--	13.97	7.56
1/12/2010	--		23.55	6.50	10.50	6.89	16.66	--	--	--	--	--	--	--	--	--
5/3/2010	--		23.55	6.50	10.50	6.45	17.10	--	--	--	--	--	--	--	--	--
7/22/2010	NP		23.55	6.50	10.50	7.21	16.34	<50	<0.50	<0.50	<0.50	<0.50	4.3	--	1.05	7.39
2/18/2011	--		23.55	6.50	10.50	6.55	17.00	--	--	--	--	--	--	--	--	--
<b>MW-9</b>																
6/11/1993	--		20.89	6.00	19.50	8.15	12.74	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
8/17/1993	--		20.89	6.00	19.50	8.53	12.36	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
11/8/1993	--		20.89	6.00	19.50	8.87	12.02	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
2/14/1994	--		20.89	6.00	19.50	7.47	13.42	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
5/5/1994	--		20.89	6.00	19.50	8.04	12.85	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
8/4/1994	--		20.89	6.00	19.50	8.78	12.11	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
11/20/1994	--		20.89	6.00	19.50	6.83	14.06	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--

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Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-9 Cont.</b>																
3/17/1995	--		20.89	6.00	19.50	6.94	13.95	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
6/1/1995	--		20.89	6.00	19.50	8.15	12.74	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
8/31/1995	--		20.89	6.00	19.50	8.10	12.79	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
11/27/1995	--		20.89	6.00	19.50	8.38	12.51	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
2/22/1996	--		20.89	6.00	19.50	7.36	13.53	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
5/20/1996	--		20.89	6.00	19.50	7.81	13.08	--	--	--	--	--	--	--	--	--
8/26/1996	--		20.89	6.00	19.50	8.00	12.89	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
11/20/1996	--		20.89	6.00	19.50	7.06	13.83	--	--	--	--	--	--	--	--	--
3/24/1997	--		22.26	6.00	19.50	7.74	14.52	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
5/23/1997	--		22.26	6.00	19.50	8.28	13.98	--	--	--	--	--	--	--	--	--
8/19/1997	--		22.26	6.00	19.50	8.32	13.94	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
11/19/1997	--		22.26	6.00	19.50	8.32	13.94	--	--	--	--	--	--	--	--	--
2/19/1998	--		22.26	6.00	19.50	7.11	15.15	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
4/23/1998	--		22.26	6.00	19.50	8.18	14.08	--	--	--	--	--	--	--	--	--
7/27/1998	--		22.26	6.00	19.50	7.97	14.29	<50	<0.50	<0.50	<0.50	<0.50	<3	--	3.6	--
10/14/1998	--		22.26	6.00	19.50	8.29	13.97	<50	<0.50	<0.50	<0.50	<0.50	<3	--	2.5	--
1/21/1999	--		22.26	6.00	19.50	7.63	14.63	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.5	--
5/6/1999	--		22.26	6.00	19.50	7.27	14.99	--	--	--	--	--	--	--	--	--
8/23/1999	--		22.26	6.00	19.50	8.24	14.02	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.93	--
10/28/1999	--		22.26	6.00	19.50	8.63	13.63	--	--	--	--	--	--	--	--	--
2/4/2000	--		22.26	6.00	19.50	8.01	14.25	<50	<0.50	1.6	<0.50	<1	<3	--	1.47	--
6/20/2000	--		22.26	6.00	19.50	8.01	14.25	--	--	--	--	--	--	--	--	--
9/29/2000	--		22.26	6.00	19.50	8.44	13.82	<50	<0.5	<0.5	<0.5	<0.5	3.44	--	--	--
12/17/2000	--		22.26	6.00	19.50	7.84	14.42	--	--	--	--	--	--	--	--	--
3/28/2001	--		22.26	6.00	19.50	7.58	14.68	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
6/20/2001	--		22.26	6.00	19.50	7.75	14.51	--	--	--	--	--	--	--	--	--
9/22/2001	--		22.26	6.00	19.50	8.69	13.57	<50	<0.5	<0.5	<0.5	<0.5	7.8	--	--	--
12/27/2001	--		22.26	6.00	19.50	7.15	15.11	--	--	--	--	--	--	--	--	--
3/15/2002	--		22.26	6.00	19.50	7.23	15.03	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
4/18/2002	--		22.26	6.00	19.50	6.79	15.47	--	--	--	--	--	--	--	--	--
7/23/2002	P		22.26	6.00	19.50	8.30	13.96	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.4	7.2

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Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE			Semi-VOCs
MW-9 Cont.																
10/16/2002	--		22.26	6.00	19.50	8.64	13.62	--	--	--	--	--	--	--	--	--
1/23/2003	P	g	22.26	6.00	19.50	7.35	14.91	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	3.0	7.2
4/7/2003	--		22.26	6.00	19.50	7.81	14.45	--	--	--	--	--	--	--	--	--
8/7/2003	--		22.26	6.00	19.50	8.31	13.95	--	--	--	--	--	--	--	--	--
10/23/2003	--		22.26	6.00	19.50	8.48	13.78	--	--	--	--	--	--	--	--	--
01/12/2004	--		22.26	6.00	19.50	7.46	14.80	--	--	--	--	--	--	--	--	--
04/20/2004	--	r	23.64	6.00	19.50	8.65	14.99	--	--	--	--	--	--	--	--	--
07/01/2004	P		23.64	6.00	19.50	9.03	14.61	<50	<0.50	<0.50	<0.50	<0.50	3.2	--	1.3	6.9
11/04/2004	--		23.64	6.00	19.50	7.60	16.04	--	--	--	--	--	--	--	--	--
01/10/2005	--		23.64	6.00	19.50	6.24	17.40	--	--	--	--	--	--	--	--	--
04/14/2005	--		23.64	6.00	19.50	6.90	16.74	--	--	--	--	--	--	--	--	--
08/02/2005	NP		23.64	6.00	19.50	7.60	16.04	<50	<0.50	<0.50	<0.50	<0.50	3.8	--	--	7.0
10/21/2005	--		23.64	6.00	19.50	8.09	15.55	--	--	--	--	--	--	--	--	--
01/04/2006	--		23.64	6.00	19.50	6.15	17.49	--	--	--	--	--	--	--	--	--
04/28/2006	--		23.64	6.00	19.50	6.95	16.69	--	--	--	--	--	--	--	--	--
8/4/2006	NP		23.64	6.00	19.50	7.90	15.74	<50	<0.50	<0.50	<0.50	<0.50	4.0	--	1.23	7.3
10/23/2006	--		23.64	6.00	19.50	8.30	15.34	--	--	--	--	--	--	--	--	--
1/15/2007	--		23.64	6.00	19.50	8.82	14.82	--	--	--	--	--	--	--	--	--
4/17/2007	--		23.64	6.00	19.50	7.89	15.75	--	--	--	--	--	--	--	--	--
7/9/2007	NP		23.64	6.00	19.50	8.28	15.36	<50	<0.50	<0.50	<0.50	<0.50	2.0	--	1.80	7.31
10/1/2007	--		23.64	6.00	19.50	8.50	15.14	--	--	--	--	--	--	--	--	--
1/7/2008	--		23.64	6.00	19.50	8.38	15.26	--	--	--	--	--	--	--	--	--
4/1/2008	--		23.64	6.00	19.50	7.92	15.72	--	--	--	--	--	--	--	--	--
7/23/2008	NP		23.64	6.00	19.50	8.16	15.48	<50	<0.50	<0.50	<0.50	<0.50	5.0	--	1.39	7.23
10/22/2008	--		23.64	6.00	19.50	8.71	14.93	--	--	--	--	--	--	--	--	--
1/21/2009	--		23.64	6.00	19.50	8.30	15.34	--	--	--	--	--	--	--	--	--
4/21/2009	--		23.64	6.00	19.50	7.84	15.80	--	--	--	--	--	--	--	--	--
7/21/2009	NP		23.64	6.00	19.50	8.35	15.29	<50	<0.50	<0.50	<0.50	<0.50	2.6	--	8.05	7.63
1/12/2010	--		23.64	6.00	19.50	7.61	16.03	--	--	--	--	--	--	--	--	--
6/3/2010	--		23.64	6.00	19.50	7.62	16.02	--	--	--	--	--	--	--	--	--
7/22/2010	NP	w	23.64	6.00	19.50	8.13	15.51	56	<0.50	<0.50	<0.50	<0.50	4.5	--	0.88	7.03

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-9 Cont.</b>																
2/18/2011	--		23.64	6.00	19.50	6.84	16.80	--	--	--	--	--	--	--	--	--
<b>MW-10</b>																
6/11/1993	--		21.12	6.00	16.50	8.14	12.98	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
8/17/1993	--		21.12	6.00	16.50	8.54	12.58	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
11/8/1993	--		21.12	6.00	16.50	8.70	12.42	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
2/14/1994	--		21.12	6.00	16.50	7.13	13.99	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
5/5/1994	--		21.12	6.00	16.50	8.08	13.04	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
8/4/1994	--		21.12	6.00	16.50	8.84	12.28	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
11/20/1994	--		21.12	6.00	16.50	7.05	14.07	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
3/17/1995	--		21.12	6.00	16.50	6.26	14.86	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
6/1/1995	--		21.12	6.00	16.50	7.63	13.49	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
8/31/1995	--		21.12	6.00	16.50	8.17	12.95	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
11/27/1995	--		21.12	6.00	16.50	8.38	12.74	<50	<0.50	<0.50	<0.50	<0.50	--	--	--	--
2/22/1996	--		21.12	6.00	16.50	5.41	15.71	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
5/20/1996	--		21.12	6.00	16.50	6.78	14.34	--	--	--	--	--	--	--	--	--
8/26/1996	--		21.12	6.00	16.50	8.00	13.12	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
11/20/1996	--		21.12	6.00	16.50	7.81	13.31	--	--	--	--	--	--	--	--	--
3/24/1997	--		21.33	6.00	16.50	7.87	13.46	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
5/23/1997	--		21.33	6.00	16.50	8.33	13.00	--	--	--	--	--	--	--	--	--
8/19/1997	--		21.33	6.00	16.50	8.39	12.94	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
11/19/1997	--		21.33	6.00	16.50	8.39	12.94	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
2/19/1998	--		21.33	6.00	16.50	4.65	16.68	<50	<0.50	<0.50	<0.50	<0.50	<3	--	--	--
4/23/1998	--		21.33	6.00	16.50	6.28	15.05	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.5	--
7/27/1998	--		21.33	6.00	16.50	7.97	13.36	<50	<0.50	<0.50	<0.50	<0.50	<3	--	3.3	--
10/14/1998	--		21.33	6.00	16.50	8.41	12.92	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.0	--
1/21/1999	--		21.33	6.00	16.50	6.65	14.68	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.5	--
5/6/1999	--		21.33	6.00	16.50	7.74	13.59	<50	<0.50	<0.50	<0.50	<0.50	<3	--	0.76	--
8/23/1999	--		21.33	6.00	16.50	8.37	12.96	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.21	--
10/28/1999	--		21.33	6.00	16.50	8.73	12.60	<50	<0.50	<0.50	<0.50	<0.50	<3	--	1.12	--
2/4/2000	--		21.33	6.00	16.50	8.78	12.55	<50	<0.50	<0.50	<0.50	<0.50	<3	--	2.84	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE			Semi-VOCs
MW-10 Cont.																
6/20/2000	--		21.33	6.00	16.50	7.99	13.34	<0.5	<0.5	<0.5	<0.5	<0.5	<3.0	--	--	--
9/29/2000	--		21.33	6.00	16.50	8.40	12.93	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
12/17/2000	--		21.33	6.00	16.50	7.91	13.42	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
3/28/2001	--		21.33	6.00	16.50	7.47	13.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
6/20/2001	--		21.33	6.00	16.50	8.11	13.22	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
9/22/2001	--		21.33	6.00	16.50	8.77	12.56	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
12/27/2001	--		21.33	6.00	16.50	6.94	14.39	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
3/15/2002	--		21.33	6.00	16.50	7.48	13.85	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
4/18/2002	--		21.33	6.00	16.50	6.77	14.56	<50	<0.5	<0.5	<0.5	<0.5	3.8	--	1.22	--
7/23/2002	NP		21.33	6.00	16.50	8.42	12.91	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.0	7.2
10/16/2002	NP		21.33	6.00	16.50	8.77	12.56	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.0	6.4
1/23/2003	NP	g	21.33	6.00	16.50	7.12	14.21	<50	<0.50	<0.50	<0.50	<0.50	1.4	--	1.3	7.4
4/7/2003	--		21.33	6.00	16.50	7.73	13.60	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	1.3	7.0
8/7/2003	--		21.33	6.00	16.50	8.45	12.88	<50	<0.50	<0.50	<0.50	<0.50	1.5	--	1.3	7.3
10/23/2003	--		21.33	6.00	16.50	8.71	12.62	--	--	--	--	--	--	--	--	--
01/12/2004	NP		21.33	6.00	16.50	7.25	14.08	<50	<0.50	<0.50	<0.50	<0.50	1.7	--	8.2	7.5
04/20/2004	--	r	23.42	6.00	16.50	8.15	15.27	--	--	--	--	--	--	--	--	--
07/01/2004	NP		23.42	6.00	16.50	8.90	14.52	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	1.0	7.1
11/04/2004	--		23.42	6.00	16.50	7.68	15.74	--	--	--	--	--	--	--	--	--
01/10/2005	NP		23.42	6.00	16.50	6.13	17.29	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	0.9	7.3
04/14/2005	--		23.42	6.00	16.50	6.68	16.74	--	--	--	--	--	--	--	--	--
08/02/2005	NP		23.42	6.00	16.50	7.54	15.88	<50	<0.50	<0.50	<0.50	<0.50	1.7	--	--	7.1
10/21/2005	--		23.42	6.00	16.50	8.12	15.30	--	--	--	--	--	--	--	--	--
01/04/2006	NP		23.42	6.00	16.50	5.40	18.02	<50	<0.50	<0.50	<0.50	<0.50	2.0	--	1.4	7.3
04/28/2006	--		23.42	6.00	16.50	6.65	16.77	--	--	--	--	--	--	--	--	--
8/4/2006	NP		23.42	6.00	16.50	8.92	14.50	<50	<0.50	<0.50	<0.50	<0.50	1.8	--	0.87	7.3
10/23/2006	--		23.42	6.00	16.50	8.23	15.19	--	--	--	--	--	--	--	--	--
1/15/2007	P		23.42	6.00	16.50	7.47	15.95	<50	<0.50	<0.50	<0.50	<0.50	2.2	--	1.15	7.21
4/17/2007	--		23.42	6.00	16.50	7.74	15.68	--	--	--	--	--	--	--	--	--
7/9/2007	NP		23.42	6.00	16.50	8.35	15.07	<50	<0.50	<0.50	<0.50	<0.50	2.0	--	2.71	7.48
10/1/2007	--		23.42	6.00	16.50	8.74	14.68	--	--	--	--	--	--	--	--	--

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-10 Cont.</b>																
1/7/2008	NP		23.42	6.00	16.50	6.02	17.40	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	1.22	7.41
4/1/2008	--		23.42	6.00	16.50	8.97	14.45	--	--	--	--	--	--	--	--	--
7/23/2008	NP		23.42	6.00	16.50	8.62	14.80	<50	<0.50	<0.50	<0.50	<0.50	1.9	--	1.2	7.35
10/22/2008	--		23.42	6.00	16.50	9.02	14.40	--	--	--	--	--	--	--	--	--
1/24/2009	P		23.42	6.00	16.50	8.55	14.87	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	0.57	7.45
4/21/2009	--		23.42	6.00	16.50	8.15	15.27	--	--	--	--	--	--	--	--	--
7/21/2009	NP		23.42	6.00	16.50	8.81	14.61	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	7.60	7.77
1/12/2010	P		23.42	6.00	16.50	7.90	15.52	<50	<0.50	<0.50	<0.50	<0.50	1.3	--	2.20	7.0
6/3/2010	--		23.42	6.00	16.50	7.53	15.89	--	--	--	--	--	--	--	--	--
7/22/2010	NP		23.42	6.00	16.50	8.24	15.18	<50	<0.50	<0.50	<0.50	<0.50	1.6	--	--	--
2/18/2011	NP		23.42	6.00	16.50	6.33	17.09	<50	<0.50	<0.50	<0.50	<0.50	1.7	--	0.90	5.6
<b>MW-11</b>																
11/16/1992	--	n	22.38	7.00	12.00	9.02	13.36	7,000	21	<10	18	230	--	--	--	--
2/16/1993	--	n	22.38	7.00	12.00	7.11	15.27	2,200	<10	<10	11	<10	--	--	--	--
5/13/1993	--	n	22.38	7.00	12.00	8.04	14.34	1,600	<2.5	<2.5	41	6.8	--	--	--	--
8/17/1993	--	n	22.38	7.00	12.00	8.78	13.60	830	1.4	<1.0	25	15	--	--	--	--
11/8/1993	--	n	22.38	7.00	12.00	9.23	13.15	370	<1.0	<1.0	2.5	2.1	--	--	--	--
2/14/1994	--	n	22.38	7.00	12.00	7.94	14.44	650	<1	<1.0	2	4	--	--	--	--
5/5/1994	--		22.38	7.00	12.00	8.55	13.83	210	<0.5	<0.5	2.5	0.6	--	--	--	--
8/4/1994	--	n	22.38	7.00	12.00	9.13	13.25	390	<0.5	<0.7	1.9	2.2	--	--	--	--
11/20/1994	--		22.38	7.00	12.00	7.73	14.65	1,300	1.3	0.5	1.5	21	--	--	--	--
3/17/1995	--		22.38	7.00	12.00	6.94	15.44	100	<0.5	<0.5	<0.5	<0.5	--	--	--	--
6/1/1995	--		22.38	7.00	12.00	7.90	14.48	210	<0.5	<0.5	0.9	0.7	--	--	--	--
8/31/1995	--		22.38	7.00	12.00	8.18	14.20	680	<0.5	<0.5	4	1.8	<3	--	--	--
11/27/1995	--		22.38	7.00	12.00	8.48	13.90	340	<0.5	<0.5	2.2	1.6	--	--	--	--
2/22/1996	--		22.38	7.00	12.00	6.63	15.75	150	<0.5	<0.5	<0.8	<0.8	<3	--	--	--
5/20/1996	--		22.38	7.00	12.00	7.25	15.13	--	--	--	--	--	--	--	--	--
8/26/1996	--		22.38	7.00	12.00	8.22	14.16	--	--	--	--	--	--	--	--	--
11/20/1996	--		22.38	7.00	12.00	8.37	14.01	--	--	--	--	--	--	--	--	--
3/24/1997	--		20.97	7.00	12.00	8.15	12.82	63	<0.5	<0.5	<0.5	<0.5	<3	--	--	--



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**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-11 Cont.</b>																
5/23/1997	--		20.97	7.00	12.00	8.48	12.49	--	--	--	--	--	--	--	--	--
8/19/1997	--		20.97	7.00	12.00	8.67	12.30	--	--	--	--	--	--	--	--	--
11/19/1997	--		20.97	7.00	12.00	8.67	12.30	--	--	--	--	--	--	--	--	--
2/19/1998	--		20.97	7.00	12.00	6.25	14.72	<50	<0.5	1.6	<0.5	1.8	7	--	--	--
4/23/1998	--		20.97	7.00	12.00	7.23	13.74	--	--	--	--	--	--	--	--	--
7/27/1998	--		20.97	7.00	12.00	8.05	12.92	--	--	--	--	--	--	--	--	--
10/14/1998	--		20.97	7.00	12.00	8.58	12.39	--	--	--	--	--	--	--	--	--
1/21/1999	--		20.97	7.00	12.00	8.25	12.72	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--
5/6/1999	--		20.97	7.00	12.00	7.95	13.02	--	--	--	--	--	--	--	--	--
8/23/1999	--		20.97	7.00	12.00	8.51	12.46	--	--	--	--	--	--	--	0.86	--
10/28/1999	--		20.97	7.00	12.00	8.95	12.02	--	--	--	--	--	--	--	--	--
2/4/2000	--		20.97	7.00	12.00	7.88	13.09	<50	<0.5	<0.5	<0.5	<1	<3	--	3.29	--
6/20/2000	--		20.97	7.00	12.00	8.18	12.79	--	--	--	--	--	--	--	--	--
9/29/2000	--		20.97	7.00	12.00	8.60	12.37	--	--	--	--	--	--	--	--	--
12/17/2000	--		20.97	7.00	12.00	8.48	12.49	--	--	--	--	--	--	--	--	--
3/28/2001	--		20.97	7.00	12.00	7.88	13.09	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
6/20/2001	--		20.97	7.00	12.00	8.48	12.49	--	--	--	--	--	--	--	--	--
9/22/2001	--		20.97	7.00	12.00	9.11	11.86	--	--	--	--	--	--	--	--	--
12/27/2001	--		20.97	7.00	12.00	7.50	13.47	--	--	--	--	--	--	--	--	--
3/15/2002	--		20.97	7.00	12.00	7.87	13.10	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
4/18/2002	--		20.97	7.00	12.00	7.22	13.75	--	--	--	--	--	--	--	--	--
7/23/2002	--		20.97	7.00	12.00	8.76	12.21	--	--	--	--	--	--	--	--	--
10/16/2002	--		20.97	7.00	12.00	9.15	11.82	--	--	--	--	--	--	--	--	--
1/23/2003	P	g	20.97	7.00	12.00	7.61	13.36	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.4	7.4
4/7/2003	--		20.97	7.00	12.00	8.25	12.72	--	--	--	--	--	--	--	--	--
8/7/2003	--		20.97	7.00	12.00	8.84	12.13	--	--	--	--	--	--	--	--	--
10/23/2003	--		20.97	7.00	12.00	9.09	11.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
01/12/2004	--		20.97	7.00	12.00	7.70	13.27	--	--	--	--	--	--	--	--	--
04/20/2004	--	r	24.97	7.00	12.00	9.18	15.79	--	--	--	--	--	--	--	--	--
07/01/2004	P	o	24.97	7.00	12.00	9.90	15.07	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.8	7.01
11/04/2004	--		24.97	7.00	12.00	8.21	16.76	--	--	--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-11 Cont.</b>																
01/10/2005	--		24.97	7.00	12.00	6.94	18.03	--	--	--	--	--	--	--	--	--
04/14/2005	--		24.97	7.00	12.00	6.77	18.20	--	--	--	--	--	--	--	--	--
08/02/2005	--		24.97	7.00	12.00	7.57	17.40	--	--	--	--	--	--	--	--	--
10/21/2005	--		24.97	7.00	12.00	8.08	16.89	--	--	--	--	--	--	--	--	--
01/04/2006	--		24.97	7.00	12.00	7.20	17.77	--	--	--	--	--	--	--	--	--
04/28/2006	--		24.97	7.00	12.00	6.90	18.07	--	--	--	--	--	--	--	--	--
8/4/2006	--		24.97	7.00	12.00	8.32	16.65	--	--	--	--	--	--	--	--	--
10/23/2006	--		24.97	7.00	12.00	8.75	16.22	--	--	--	--	--	--	--	--	--
1/15/2007	--		24.97	7.00	12.00	8.19	16.78	--	--	--	--	--	--	--	--	--
4/17/2007	--		24.97	7.00	12.00	8.32	16.65	--	--	--	--	--	--	--	--	--
7/9/2007	--		24.97	7.00	12.00	8.73	16.24	--	--	--	--	--	--	--	--	--
10/1/2007	--		24.97	7.00	12.00	8.65	16.32	--	--	--	--	--	--	--	--	--
1/7/2008	--		24.97	7.00	12.00	7.52	17.45	--	--	--	--	--	--	--	--	--
4/1/2008	--		24.97	7.00	12.00	8.18	16.79	--	--	--	--	--	--	--	--	--
7/23/2008	--		24.97	7.00	12.00	9.27	15.70	--	--	--	--	--	--	--	--	--
10/22/2008	--		24.97	7.00	12.00	9.11	15.86	--	--	--	--	--	--	--	--	--
1/21/2009	--		24.97	7.00	12.00	8.72	16.25	--	--	--	--	--	--	--	--	--
4/21/2009	--		24.97	7.00	12.00	8.22	16.75	--	--	--	--	--	--	--	--	--
7/21/2009	--		24.97	7.00	12.00	8.98	15.99	--	--	--	--	--	--	--	--	--
1/12/2010	--		24.97	7.00	12.00	8.39	16.58	--	--	--	--	--	--	--	--	--
6/3/2010	--		24.97	7.00	12.00	7.77	17.20	--	--	--	--	--	--	--	--	--
7/22/2010	--		24.97	7.00	12.00	8.41	16.56	--	--	--	--	--	--	--	--	--
2/18/2011	--		24.97	7.00	12.00	7.76	17.21	--	--	--	--	--	--	--	--	--
<b>MW-12</b>																
11/16/1992	--		22.77	7.50	12.50	9.65	13.12	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
2/16/1993	--		22.77	7.50	12.50	7.88	14.89	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
5/13/1993	--		22.77	7.50	12.50	8.63	14.14	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/17/1993	--		22.77	7.50	12.50	9.30	13.47	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/8/1993	--		22.77	7.50	12.50	9.72	13.05	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
2/14/1994	--		22.77	7.50	12.50	8.24	14.53	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-12 Cont.																
5/5/1994	--		22.77	7.50	12.50	8.97	13.80	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/4/1994	--		22.77	7.50	12.50	9.57	13.20	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/20/1994	--		22.77	7.50	12.50	8.06	14.71	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
3/17/1995	--		22.77	7.50	12.50	7.09	15.68	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
6/1/1995	--		22.77	7.50	12.50	8.40	14.37	--	--	--	--	--	--	--	--	--
8/31/1995	--		22.77	7.50	12.50	8.55	14.22	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
11/27/1995	--		22.77	7.50	12.50	8.95	13.82	--	--	--	--	--	--	--	--	--
2/22/1996	--		22.77	7.50	12.50	6.81	15.96	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
5/20/1996	--		22.77	7.50	12.50	7.56	15.21	--	--	--	--	--	--	--	--	--
8/26/1996	--		22.77	7.50	12.50	8.63	14.14	--	--	--	--	--	--	--	--	--
11/20/1996	--		22.77	7.50	12.50	8.38	14.39	--	--	--	--	--	--	--	--	--
3/24/1997	--		20.11	7.50	12.50	8.75	11.36	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
5/23/1997	--		20.11	7.50	12.50	8.92	11.19	--	--	--	--	--	--	--	--	--
8/19/1997	--		20.11	7.50	12.50	9.20	10.91	--	--	--	--	--	--	--	--	--
11/19/1997	--		20.11	7.50	12.50	9.20	10.91	--	--	--	--	--	--	--	--	--
2/19/1998	--		20.11	7.50	12.50	6.28	13.83	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
4/23/1998	--		20.11	7.50	12.50	7.52	12.59	--	--	--	--	--	--	--	--	--
7/27/1998	--		20.11	7.50	12.50	8.52	11.59	--	--	--	--	--	--	--	--	--
10/14/1998	--		20.11	7.50	12.50	9.06	11.05	--	--	--	--	--	--	--	--	--
1/21/1999	--		20.11	7.50	12.50	8.20	11.91	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--
5/6/1999	--		20.11	7.50	12.50	8.47	11.64	--	--	--	--	--	--	--	--	--
8/23/1999	--		20.11	7.50	12.50	9.04	11.07	--	--	--	--	--	--	--	0.85	--
10/28/1999	--		20.11	7.50	12.50	9.40	10.71	--	--	--	--	--	--	--	--	--
2/4/2000	--		20.11	7.50	12.50	8.38	11.73	<50	<0.5	<0.5	<0.5	<1	<3	--	3.34	--
6/20/2000	--		20.11	7.50	12.50	8.55	11.56	--	--	--	--	--	--	--	--	--
9/29/2000	--		20.11	7.50	12.50	8.98	11.13	--	--	--	--	--	--	--	--	--
12/17/2000	--		20.11	7.50	12.50	8.76	11.35	--	--	--	--	--	--	--	--	--
3/28/2001	--		20.11	7.50	12.50	8.31	11.80	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
6/20/2001	--		20.11	7.50	12.50	9.10	11.01	--	--	--	--	--	--	--	--	--
9/22/2001	--		20.11	7.50	12.50	9.48	10.63	--	--	--	--	--	--	--	--	--
12/27/2001	--		20.11	7.50	12.50	7.78	12.33	--	--	--	--	--	--	--	--	--

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-12 Cont.																
3/15/2002	--		20.11	7.50	12.50	8.22	11.89	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
4/18/2002	--		20.11	7.50	12.50	7.65	12.46	--	--	--	--	--	--	--	--	--
7/23/2002	--		20.11	7.50	12.50	9.18	10.93	--	--	--	--	--	--	--	--	--
10/16/2002	--		20.11	7.50	12.50	9.51	10.60	--	--	--	--	--	--	--	--	--
1/23/2003	--		20.11	7.50	12.50	7.86	12.25	--	--	--	--	--	--	--	--	--
4/7/2003	--		20.11	7.50	12.50	8.58	11.53	--	--	--	--	--	--	--	--	--
8/7/2003	--		20.11	7.50	12.50	9.23	10.88	--	--	--	--	--	--	--	--	--
10/23/2003	P		20.11	7.50	12.50	9.44	10.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
01/12/2004	--		20.11	7.50	12.50	8.08	12.03	--	--	--	--	--	--	--	--	--
04/20/2004	--	r	25.32	7.50	12.50	9.28	16.04	--	--	--	--	--	--	--	--	--
07/01/2004	P		25.32	7.50	12.50	9.65	15.67	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.8	7.0
11/04/2004	--		25.32	7.50	12.50	8.53	16.79	--	--	--	--	--	--	--	--	--
01/10/2005	--		25.32	7.50	12.50	7.04	18.28	--	--	--	--	--	--	--	--	--
04/14/2005	--		25.32	7.50	12.50	6.95	18.37	--	--	--	--	--	--	--	--	--
08/02/2005	--		25.32	7.50	12.50	8.05	17.27	--	--	--	--	--	--	--	--	--
10/21/2005	--		25.32	7.50	12.50	8.70	16.62	--	--	--	--	--	--	--	--	--
01/04/2006	--		25.32	7.50	12.50	10.00	15.32	--	--	--	--	--	--	--	--	--
04/28/2006	--		25.32	7.50	12.50	7.19	18.13	--	--	--	--	--	--	--	--	--
8/4/2006	--		25.32	7.50	12.50	8.80	16.52	--	--	--	--	--	--	--	--	--
10/23/2006	--		25.32	7.50	12.50	9.17	16.15	--	--	--	--	--	--	--	--	--
1/15/2007	--		25.32	7.50	12.50	8.57	16.75	--	--	--	--	--	--	--	--	--
4/17/2007	--		25.32	7.50	12.50	8.68	16.64	--	--	--	--	--	--	--	--	--
7/9/2007	--		25.32	7.50	12.50	9.18	16.14	--	--	--	--	--	--	--	--	--
10/1/2007	--		25.32	7.50	12.50	9.45	15.87	--	--	--	--	--	--	--	--	--
1/7/2008	--		25.32	7.50	12.50	7.58	17.74	--	--	--	--	--	--	--	--	--
4/1/2008	--		25.32	7.50	12.50	8.57	16.75	--	--	--	--	--	--	--	--	--
7/23/2008	--		25.32	7.50	12.50	9.34	15.98	--	--	--	--	--	--	--	--	--
10/22/2008	--		25.32	7.50	12.50	9.64	15.68	--	--	--	--	--	--	--	--	--
1/21/2009	--		25.32	7.50	12.50	9.25	16.07	--	--	--	--	--	--	--	--	--
4/21/2009	--		25.32	7.50	12.50	8.66	16.66	--	--	--	--	--	--	--	--	--
7/21/2009	--		25.32	7.50	12.50	9.42	15.90	--	--	--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-12 Cont.</b>																
1/12/2010	--		25.32	7.50	12.50	8.86	16.46	--	--	--	--	--	--	--	--	--
6/3/2010	--		25.32	7.50	12.50	8.20	17.12	--	--	--	--	--	--	--	--	--
7/22/2010	--		25.32	7.50	12.50	8.90	16.42	--	--	--	--	--	--	--	--	--
2/18/2011	--		25.32	7.50	12.50	7.80	17.52	--	--	--	--	--	--	--	--	--
<b>MW-13</b>																
11/16/1992	--		22.45	--	13.00	9.02	13.43	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
2/16/1993	--		22.45	--	13.00	7.14	15.31	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
5/13/1993	--		22.45	--	13.00	7.95	14.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/17/1993	--		22.45	--	13.00	8.57	13.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/8/1993	--		22.45	--	13.00	8.86	13.59	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
2/14/1994	--		22.45	--	13.00	7.78	14.67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
5/5/1994	--		22.45	--	13.00	8.38	14.07	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/4/1994	--		22.45	--	13.00	8.78	13.67	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/20/1994	--		22.45	--	13.00	7.68	14.77	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
3/17/1995	--		22.45	--	13.00	6.91	15.54	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
6/1/1995	--		22.45	--	13.00	7.72	14.73	--	--	--	--	--	--	--	--	--
8/31/1995	--		22.45	--	13.00	7.58	14.87	--	--	--	--	--	--	--	--	--
11/27/1995	--		22.45	--	13.00	7.98	14.47	--	--	--	--	--	--	--	--	--
2/22/1996	--		22.45	--	13.00	6.71	15.74	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
5/20/1996	--		22.45	--	13.00	6.98	15.47	--	--	--	--	--	--	--	--	--
8/26/1996	--		22.45	--	13.00	7.85	14.60	--	--	--	--	--	--	--	--	--
11/20/1996	--		22.45	--	13.00	7.76	14.69	--	--	--	--	--	--	--	--	--
3/24/1997	--		20.75	--	13.00	7.85	12.90	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
5/23/1997	--		20.75	--	13.00	8.16	12.59	--	--	--	--	--	--	--	--	--
8/19/1997	--		20.75	--	13.00	8.40	12.35	--	--	--	--	--	--	--	--	--
11/19/1997	--		20.75	--	13.00	8.40	12.35	--	--	--	--	--	--	--	--	--
2/19/1998	--		20.75	--	13.00	6.44	14.31	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
4/23/1998	--		20.75	--	13.00	6.80	13.95	--	--	--	--	--	--	--	--	--
7/27/1998	--		20.75	--	13.00	7.52	13.23	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--
10/14/1998	--		20.75	--	13.00	8.15	12.60	<50	<0.5	<0.5	<0.5	<0.5	<3	--	2.0	--

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Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-13 Cont.</b>																
1/21/1999	--		20.75	--	13.00	7.85	12.90	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--
5/6/1999	--		20.75	--	13.00	7.82	12.93	--	--	--	--	--	--	--	--	--
8/23/1999	--		20.75	--	13.00	8.29	12.46	--	--	--	--	--	--	--	0.94	--
10/28/1999	--		20.75	--	13.00	8.55	12.20	--	--	--	--	--	--	--	--	--
2/4/2000	--		20.75	--	13.00	8.11	12.64	<50	<0.5	0.6	<0.5	<1	<3	--	1.27	--
6/20/2000	--		20.75	--	13.00	7.56	13.19	--	--	--	--	--	--	--	--	--
9/29/2000	--		20.75	--	13.00	8.27	12.48	--	--	--	--	--	--	--	--	--
12/17/2000	--		20.75	--	13.00	8.09	12.66	--	--	--	--	--	--	--	--	--
3/28/2001	--		20.75	--	13.00	7.69	13.06	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
6/20/2001	--		20.75	--	13.00	8.46	12.29	--	--	--	--	--	--	--	--	--
9/22/2001	--		20.75	--	13.00	8.57	12.18	--	--	--	--	--	--	--	--	--
12/27/2001	--		20.75	--	13.00	7.14	13.61	--	--	--	--	--	--	--	--	--
3/15/2002	--		20.75	--	13.00	7.62	13.13	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
4/18/2002	--		20.75	--	13.00	6.91	13.84	--	--	--	--	--	--	--	--	--
7/23/2002	--		20.75	--	13.00	8.50	12.25	--	--	--	--	--	--	--	--	--
10/16/2002	--		20.75	--	13.00	8.74	12.01	--	--	--	--	--	--	--	--	--
1/23/2003	P	g	20.75	--	13.00	7.35	13.40	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	3.4	7.0
4/7/2003	--		20.75	--	13.00	7.99	12.76	--	--	--	--	--	--	--	--	--
8/7/2003	--		20.75	--	13.00	8.60	12.15	--	--	--	--	--	--	--	--	--
10/23/2003	P		20.75	--	13.00	8.55	12.20	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
01/12/2004	--		20.75	--	13.00	7.56	13.19	--	--	--	--	--	--	--	--	--
04/20/2004	--	r	25.01	--	13.00	4.57	20.44	--	--	--	--	--	--	--	--	--
07/01/2004	P		25.01	--	13.00	8.71	16.30	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.4	6.9
11/04/2004	--		25.01	--	13.00	7.79	17.22	--	--	--	--	--	--	--	--	--
01/10/2005	--		25.01	--	13.00	6.80	18.21	--	--	--	--	--	--	--	--	--
04/14/2005	--		25.01	--	13.00	6.88	18.13	--	--	--	--	--	--	--	--	--
08/02/2005	--		25.01	--	13.00	7.15	17.86	--	--	--	--	--	--	--	--	--
10/21/2005	--		25.01	--	13.00	7.96	17.05	--	--	--	--	--	--	--	--	--
01/04/2006	--		25.01	--	13.00	7.64	17.37	--	--	--	--	--	--	--	--	--
04/28/2006	--		25.01	--	13.00	6.97	18.04	--	--	--	--	--	--	--	--	--
8/4/2006	--		25.01	--	13.00	8.18	16.83	--	--	--	--	--	--	--	--	--

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA**

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)						DO (mg/L)	pH	
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE			Semi-VOCs
<b>MW-13 Cont.</b>																
10/23/2006	--		25.01	--	13.00	8.51	16.50	--	--	--	--	--	--	--	--	--
1/15/2007	--		25.01	--	13.00	7.91	17.10	--	--	--	--	--	--	--	--	--
4/17/2007	--		25.01	--	13.00	8.04	16.97	--	--	--	--	--	--	--	--	--
7/9/2007	--		25.01	--	13.00	8.50	16.51	--	--	--	--	--	--	--	--	--
10/1/2007	--		25.01	--	13.00	8.72	16.29	--	--	--	--	--	--	--	--	--
1/7/2008	--		25.01	--	13.00	8.27	16.74	--	--	--	--	--	--	--	--	--
4/1/2008	--		25.01	--	13.00	7.88	17.13	--	--	--	--	--	--	--	--	--
7/23/2008	--		25.01	--	13.00	6.40	18.61	--	--	--	--	--	--	--	--	--
10/22/2008	--		25.01	--	13.00	8.86	16.15	--	--	--	--	--	--	--	--	--
1/21/2009	--		25.01	--	13.00	8.54	16.47	--	--	--	--	--	--	--	--	--
4/21/2009	--		25.01	--	13.00	7.96	17.05	--	--	--	--	--	--	--	--	--
7/21/2009	--		25.01	--	13.00	8.77	16.24	--	--	--	--	--	--	--	--	--
1/12/2010	--		25.01	--	13.00	8.21	16.80	--	--	--	--	--	--	--	--	--
6/3/2010	--		25.01	--	13.00	7.51	17.50	--	--	--	--	--	--	--	--	--
7/22/2010	--		25.01	--	13.00	8.18	16.83	--	--	--	--	--	--	--	--	--
2/18/2011	--		25.01	--	13.00	7.28	17.73	--	--	--	--	--	--	--	--	--
<b>MW-14</b>																
9/15/1992	--		22.99	7.50	13.50	10.66	12.33	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/16/1992	--		22.99	7.50	13.50	10.33	12.66	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
2/16/1993	--		22.99	7.50	13.50	8.18	14.81	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
5/13/1993	--		22.99	7.50	13.50	9.05	13.94	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/17/1993	--		22.99	7.50	13.50	22.99	0.00	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/8/1993	--		22.99	7.50	13.50	10.25	12.74	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
2/14/1994	--		22.99	7.50	13.50	8.80	14.19	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
5/5/1994	--		22.99	7.50	13.50	9.49	13.50	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/4/1994	--		22.99	7.50	13.50	10.11	12.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/20/1994	--		22.99	7.50	13.50	8.66	14.33	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
3/17/1995	--		22.99	7.50	13.50	8.17	14.82	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
6/1/1995	--		22.99	7.50	13.50	8.57	14.42	--	--	--	--	--	--	--	--	--
8/31/1995	--		22.99	7.50	13.50	9.05	13.94	--	--	--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-14 Cont.																
11/27/1995	--		22.99	7.50	13.50	9.19	13.80	--	--	--	--	--	--	--	--	--
2/22/1996	--		22.99	7.50	13.50	6.52	16.47	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
5/20/1996	--		22.99	7.50	13.50	7.88	15.11	--	--	--	--	--	--	--	--	--
8/26/1996	--		22.99	7.50	13.50	8.83	14.16	--	--	--	--	--	--	--	--	--
11/20/1996	--		22.99	7.50	13.50	8.95	14.04	--	--	--	--	--	--	--	--	--
3/24/1997	--		20.90	7.50	13.50	8.98	11.92	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
5/23/1997	--		20.90	7.50	13.50	9.61	11.29	--	--	--	--	--	--	--	--	--
8/19/1997	--		20.90	7.50	13.50	9.80	11.10	--	--	--	--	--	--	--	--	--
11/19/1997	--		20.90	7.50	13.50	9.80	11.10	<50	1.7	<0.5	0.6	3	<3	--	--	--
2/19/1998	--		20.90	7.50	13.50	6.27	14.63	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
4/23/1998	--		20.90	7.50	13.50	7.75	13.15	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.5	--
7/27/1998	--		20.90	7.50	13.50	9.24	11.66	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.0	--
10/14/1998	--		20.90	7.50	13.50	9.73	11.17	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.0	--
1/21/1999	--		20.90	7.50	13.50	8.90	12.00	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.5	--
5/6/1999	--		20.90	7.50	13.50	8.98	11.92	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.73	--
8/23/1999	--		20.90	7.50	13.50	9.68	11.22	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.91	--
10/28/1999	--		20.90	7.50	13.50	10.00	10.90	<50	<0.5	<0.5	<0.5	<1	<10	--	1.06	--
2/4/2000	--		20.90	7.50	13.50	8.19	12.71	<50	<0.5	0.5	<0.5	<1	<3	--	1.21	--
6/20/2000	--		20.90	7.50	13.50	9.16	11.74	<50	<0.5	<0.5	<0.5	<1.0	<10	--	--	--
9/29/2000	--		20.90	7.50	13.50	9.48	11.42	<50	<0.5	<0.5	<0.5	<0.5	<2.50	--	--	--
12/17/2000	--		20.90	7.50	13.50	9.24	11.66	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
3/28/2001	--		20.90	7.50	13.50	8.91	11.99	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
6/20/2001	--		20.90	7.50	13.50	9.70	11.20	<50	<0.5	<0.5	<0.5	<0.5	3.1	--	--	--
9/22/2001	--		20.90	7.50	13.50	10.04	10.86	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
12/27/2001	--		20.90	7.50	13.50	8.33	12.57	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
3/15/2002	--		20.90	7.50	13.50	8.75	12.15	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
4/18/2002	--		20.90	7.50	13.50	8.21	12.69	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
7/23/2002	NP		20.90	7.50	13.50	9.76	11.14	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.4	7.1
10/16/2002	NP		20.90	7.50	13.50	10.10	10.80	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	1.1	5.8
1/23/2003	NP	g	20.90	7.50	13.50	8.41	12.49	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.3	7.1
4/7/2003	--		20.90	7.50	13.50	9.09	11.81	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.4	6.9



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Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-14 Cont.</b>																
8/7/2003	--		20.90	7.50	13.50	9.81	11.09	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.4	6.7
10/23/2003	P		20.90	7.50	13.50	10.04	10.86	--	--	--	--	--	--	--	--	--
01/12/2004	P		20.90	7.50	13.50	8.89	12.01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.0	7.2
04/20/2004	--	r	25.55	7.50	13.50	9.62	15.93	--	--	--	--	--	--	--	--	--
07/01/2004	NP		25.55	7.50	13.50	10.03	15.52	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.6	6.7
11/04/2004	--		25.55	7.50	13.50	9.13	16.42	--	--	--	--	--	--	--	--	--
01/10/2005	NP		25.55	7.50	13.50	7.61	17.94	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.06	6.9
04/14/2005	--		25.55	7.50	13.50	7.70	17.85	--	--	--	--	--	--	--	--	--
08/02/2005	NP		25.55	7.50	13.50	8.73	16.82	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	6.9
10/21/2005	--		25.55	7.50	13.50	9.47	16.08	--	--	--	--	--	--	--	--	--
01/04/2006	--		25.55	7.50	13.50	6.92	18.63	--	--	--	--	--	--	--	--	--
04/28/2006	--		25.55	7.50	13.50	7.71	17.84	--	--	--	--	--	--	--	--	--
8/4/2006	NP		25.55	7.50	13.50	9.32	16.23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	0.95	6.8
10/23/2006	--		25.55	7.50	13.50	9.66	15.89	--	--	--	--	--	--	--	--	--
1/15/2007	--		25.55	7.50	13.50	9.05	16.50	--	--	--	--	--	--	--	--	--
4/17/2007	--		25.55	7.50	13.50	9.16	16.39	--	--	--	--	--	--	--	--	--
7/9/2007	NP		25.55	7.50	13.50	9.67	15.88	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.87	7.13
10/1/2007	--		25.55	7.50	13.50	9.95	15.60	--	--	--	--	--	--	--	--	--
1/7/2008	--		25.55	7.50	13.50	8.74	16.81	--	--	--	--	--	--	--	--	--
4/1/2008	--		25.55	7.50	13.50	9.13	16.42	--	--	--	--	--	--	--	--	--
7/23/2008	NP		25.55	7.50	13.50	9.86	15.69	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.18	6.93
10/22/2008	--		25.55	7.50	13.50	10.20	15.35	--	--	--	--	--	--	--	--	--
1/21/2009	--		25.55	7.50	13.50	9.81	15.74	--	--	--	--	--	--	--	--	--
4/21/2009	--		25.55	7.50	13.50	9.22	16.33	--	--	--	--	--	--	--	--	--
7/21/2009	NP		25.55	7.50	13.50	9.90	15.65	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	11.04	7.21
1/12/2010	--		25.55	7.50	13.50	9.31	16.24	--	--	--	--	--	--	--	--	--
6/3/2010	--		25.55	7.50	13.50	8.71	16.84	--	--	--	--	--	--	--	--	--
7/22/2010	NP		25.55	7.50	13.50	9.45	16.10	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	--
2/18/2011	--		25.55	7.50	13.50	7.92	17.63	--	--	--	--	--	--	--	--	--
<b>MW-15</b>																

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Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-15 Cont.</b>																
5/13/1993	--		19.19	5.50	10.50	5.91	13.28	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/17/1993	--		19.19	5.50	10.50	6.54	12.65	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/8/1993	--		19.19	5.50	10.50	6.98	12.21	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
2/14/1994	--		19.19	5.50	10.50	5.44	13.75	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
5/5/1994	--		19.19	5.50	10.50	6.18	13.01	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
8/4/1994	--		19.19	5.50	10.50	6.84	12.35	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
11/20/1994	--		19.19	5.50	10.50	5.31	13.88	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
3/17/1995	--		19.19	5.50	10.50	5.21	13.98	<50	<0.5	<0.5	<0.5	<0.5	--	--	--	--
6/1/1995	--		19.19	5.50	10.50	5.84	13.35	--	--	--	--	--	--	--	--	--
8/31/1995	--		19.19	5.50	10.50	6.18	13.01	<50	<0.5	<0.5	<0.5	<0.5	<3	--	--	--
11/27/1995	--		19.19	5.50	10.50	6.42	12.77	--	--	--	--	--	--	--	--	--
2/22/1996	--		19.19	5.50	10.50	4.84	14.35	<50	<0.5	<0.5	<0.5	<0.5	12	--	--	--
5/20/1996	--		19.19	5.50	10.50	5.31	13.88	--	--	--	--	--	--	--	--	--
8/26/1996	--		19.19	5.50	10.50	6.05	13.14	<50	<0.5	<0.5	<0.5	<0.5	8	--	--	--
11/20/1996	--		19.19	5.50	10.50	5.46	13.73	--	--	--	--	--	--	--	--	--
3/24/1997	--		22.08	5.50	10.50	6.00	16.08	<50	<0.5	<0.5	<0.5	<0.5	15	--	--	--
5/23/1997	--		22.08	5.50	10.50	6.25	15.83	--	--	--	--	--	--	--	--	--
8/19/1997	--	j	22.08	5.50	10.50	6.34	15.74	99	<0.5	<0.5	<0.5	0.7	6	--	--	--
11/19/1997	--		22.08	5.50	10.50	6.34	15.74	--	--	--	--	--	--	--	--	--
2/19/1998	--		22.08	5.50	10.50	4.66	17.42	<50	<0.5	<0.5	<0.5	<0.5	48	--	--	--
4/23/1998	--		22.08	5.50	10.50	5.18	16.90	--	--	--	--	--	--	--	--	--
7/27/1998	--		22.08	5.50	10.50	6.02	16.06	<50	<0.5	<0.5	<0.5	<0.5	50	--	1.0	--
10/14/1998	--		22.08	5.50	10.50	6.26	15.82	<50	<0.5	<0.5	<0.5	<0.5	27	--	1.5	--
1/21/1999	--		22.08	5.50	10.50	5.33	16.75	<50	<0.5	<0.5	<0.5	<0.5	6	--	1.0	--
5/6/1999	--		22.08	5.50	10.50	5.82	16.26	--	--	--	--	--	--	--	--	--
8/23/1999	--		22.08	5.50	10.50	6.24	15.84	<50	<0.5	<0.5	<0.5	<0.5	21	--	1.14	--
10/28/1999	--		22.08	5.50	10.50	6.60	15.48	--	--	--	--	--	--	--	--	--
2/4/2000	--		22.08	5.50	10.50	7.02	15.06	<50	<0.5	<0.5	<0.5	<1	<3	--	1.09	--
6/20/2000	--		22.08	5.50	10.50	5.98	16.10	--	--	--	--	--	--	--	--	--
9/29/2000	--		22.08	5.50	10.50	6.50	15.58	<50	<0.5	<0.5	<0.5	<0.5	<2.50	--	--	--
12/17/2000	--		22.08	5.50	10.50	5.89	16.19	--	--	--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-15 Cont.																
3/28/2001	--		22.08	5.50	10.50	5.78	16.30	<50	<0.5	<0.5	<0.5	<0.5	11.1	--	--	--
6/20/2001	--		22.08	5.50	10.50	5.72	16.36	--	--	--	--	--	--	--	--	--
9/22/2001	--		22.08	5.50	10.50	6.79	15.29	<50	<0.5	<0.5	<0.5	<0.5	13	--	--	--
12/27/2001	--		22.08	5.50	10.50	5.49	16.59	--	--	--	--	--	--	--	--	--
3/15/2002	--		22.08	5.50	10.50	5.68	16.40	<50	<0.5	<0.5	<0.5	<0.5	<2.5	--	--	--
4/18/2002	--		22.08	5.50	10.50	4.85	17.23	--	--	--	--	--	--	--	--	--
7/23/2002	P		22.08	5.50	10.50	6.32	15.76	<50	<0.50	<0.50	<0.50	<0.50	<2.5	--	2.0	7.9
10/16/2002	--		22.08	5.50	10.50	6.69	15.39	--	--	--	--	--	--	--	--	--
1/23/2003	P	g	22.08	5.50	10.50	5.70	16.38	<50	<0.50	<0.50	<0.50	<0.50	1.9	--	2.6	7.5
4/7/2003	--		22.08	5.50	10.50	5.94	16.14	--	--	--	--	--	--	--	--	--
8/7/2003	--		22.08	5.50	10.50	6.32	15.76	--	--	--	--	--	--	--	--	--
10/23/2003	--		22.08	5.50	10.50	6.56	15.52	--	--	--	--	--	--	--	--	--
01/12/2004	--		22.08	5.50	10.50	5.71	16.37	--	--	--	--	--	--	--	--	--
04/20/2004	--	r	21.72	5.50	10.50	7.10	14.62	--	--	--	--	--	--	--	--	--
07/01/2004	P		21.72	5.50	10.50	7.18	14.54	<50	<0.50	<0.50	<0.50	<0.50	1.9	--	1.6	7.3
11/04/2004	--		21.72	5.50	10.50	5.90	15.82	--	--	--	--	--	--	--	--	--
01/10/2005	--		21.72	5.50	10.50	5.30	16.42	--	--	--	--	--	--	--	--	--
04/14/2005	--		21.72	5.50	10.50	5.40	16.32	--	--	--	--	--	--	--	--	--
08/02/2005	P		21.72	5.50	10.50	5.33	16.39	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	--	6.5
10/21/2005	--		21.72	5.50	10.50	5.92	15.80	--	--	--	--	--	--	--	--	--
01/04/2006	--		21.72	5.50	10.50	5.19	16.53	--	--	--	--	--	--	--	--	--
04/28/2006	--		21.72	5.50	10.50	5.45	16.27	--	--	--	--	--	--	--	--	--
8/4/2006	P		21.72	5.50	10.50	5.99	15.73	<50	<0.50	<0.50	<0.50	<0.50	2.1	--	1.49	7.1
10/23/2006	--		21.72	5.50	10.50	6.36	15.36	--	--	--	--	--	--	--	--	--
1/15/2007	--		21.72	5.50	10.50	6.00	15.72	--	--	--	--	--	--	--	--	--
4/17/2007	--		21.72	5.50	10.50	5.98	15.74	--	--	--	--	--	--	--	--	--
7/9/2007	NP		21.72	5.50	10.50	6.26	15.46	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.77	7.44
10/1/2007	--		21.72	5.50	10.50	6.53	15.19	--	--	--	--	--	--	--	--	--
1/7/2008	--		21.72	5.50	10.50	6.12	15.60	--	--	--	--	--	--	--	--	--
4/1/2008	--		21.72	5.50	10.50	5.92	15.80	--	--	--	--	--	--	--	--	--
7/23/2008	NP		21.72	5.50	10.50	6.30	15.42	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	2.07	7.32

Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses

ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	P/NP	Comments	TOC (feet)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	DTW (feet bgs)	Water Level Elevation (feet)	Concentrations in (µg/L)							DO (mg/L)	pH
								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-15 Cont.</b>																
10/22/2008	--		21.72	5.50	10.50	6.69	15.03	--	--	--	--	--	--	--	--	--
1/21/2009	--		21.72	5.50	10.50	6.22	15.50	--	--	--	--	--	--	--	--	--
4/21/2009	--		21.72	5.50	10.50	5.79	15.93	--	--	--	--	--	--	--	--	--
7/21/2009	NP		21.72	5.50	10.50	6.34	15.38	<50	<0.50	<0.50	<0.50	<0.50	1.4	--	9.63	7.63
1/12/2010	--		21.72	5.50	10.50	5.93	15.79	--	--	--	--	--	--	--	--	--
6/3/2010	--		21.72	5.50	10.50	5.79	15.93	--	--	--	--	--	--	--	--	--
7/22/2010	P		21.72	5.50	10.50	6.25	15.47	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	1.11	7.30
2/18/2011	--		21.72	5.50	10.50	8.48	13.24	--	--	--	--	--	--	--	--	--
<b>MW-16</b>																
7/21/2009	P		22.89	--	--	12.90	9.99	1,500	2.3	13	36	300	0.68	--	14.83	7.71
1/12/2010	P		22.89	--	--	6.67	16.22	1,700	6.8	4.3	71	48	<0.50	--	1.24	6.8
6/3/2010	P		22.89	--	--	6.13	16.76	4,100	28	9.2	420	170	<1.0	--	--	7.10
7/22/2010	NP		22.89	--	--	6.83	16.06	6,400	34	13	570	210	<1.0	--	0.68	6.95
2/18/2011	NP		22.89	--	--	5.60	17.29	1,100	6.1	2.2	8.7	23	<0.50	--	1.18	6.66
<b>MW-17</b>																
7/21/2009	P		23.42	--	--	7.58	15.84	3,700	61	160	150	1,300	2.8	--	11.48	7.57
1/12/2010	P		23.42	--	--	6.98	16.44	11,000	110	72	1,100	1,600	<10	--	1.02	6.80
6/3/2010	P		23.42	--	--	6.37	17.05	19,000	140	45	1,200	2,600	<25	--	1.26	6.99
7/22/2010	NP		23.42	--	--	7.05	16.37	21,000	160	63	1,300	2,800	<25	--	0.50	7.00
2/18/2011	NP		23.42	--	--	6.33	17.09	9,400	58	<10	480	930	<10	--	2.84	6.7
<b>MW-18</b>																
7/21/2009	P		24.48	--	--	8.73	15.75	290	1.1	<0.50	8.0	1.4	4.8	--	14.25	7.69
1/12/2010	P		24.48	--	--	7.95	16.53	1,000	2.4	<1.0	57	<1.0	5.8	--	1.79	6.8
6/3/2010	--		24.48	--	--	7.33	17.15	--	--	--	--	--	--	--	--	--
7/22/2010	NP	w	24.48	--	--	8.02	16.46	760	3.5	<0.50	27	<0.50	5.1	--	0.71	7.09
2/18/2011	NP	x (GRO)	24.48	--	--	7.38	17.10	360	<0.50	<0.50	<0.50	<0.50	3.8	--	2.80	6.9
<b>MW-19</b>																
7/21/2009	P		25.10	--	--	9.34	15.76	<50	<0.50	<0.50	<0.50	<0.50	<0.50	--	13.65	8.03

**Table 2. Summary of Groundwater Monitoring Data: Relative Water Elevations and Laboratory Analyses**

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								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
<b>MW-19 Cont.</b>																
1/12/2010	--		25.10	--	--	6.75	18.35	--	--	--	--	--	--	--	--	--
6/3/2010	--		25.10	--	--	8.14	16.96	--	--	--	--	--	--	--	--	--
2/18/2011	--		25.10	--	--	7.51	17.59	--	--	--	--	--	--	--	--	--
<b>SB-1</b>																
3/9/2011	--	x (GRO), SB-1-GW	--	--	--	--	--	19,000	120	<50	76	<50	<50	--	--	--
<b>SB-2</b>																
3/9/2011	--	SB-2-GW	--	--	--	--	--	140,000	380	<12	130	<12	<12	--	--	--
<b>SB-3</b>																
3/9/2011	--	x (GRO), SB-3-GW	--	--	--	--	--	9,400	2.5	2.3	1.9	3.4	2.1	--	--	--
<b>SB-4</b>																
3/9/2011	--	x (GRO), SB-4-GW	--	--	--	--	--	12,000	<2.0	<2.0	9.1	<2.0	2.2	--	--	--

#### SYMBOLS & ABBREVIATIONS:

-- = Not analyzed/applicable/measured/available  
< = Not detected at or above specified laboratory reporting limit  
DO = Dissolved oxygen  
DTW = Depth to water in ft bgs  
ft bgs = Feet below ground surface  
GRO = Gasoline range organics, range C4-C12  
GWE = Groundwater elevation measured in ft  
mg/L = Milligrams per liter  
MTBE = Methyl tert-butyl ether  
NP = Well not purged before sampling  
P = Well purged before sampling  
Semi-VOCs = Semivolatile organic compounds  
TOC = Top of casing in ft  
TPH-g = Total petroleum hydrocarbons as gasoline  
g/L = Micrograms per liter  
ND = Not detected above the various semi-VOCs laboratory reporting limits

#### FOOTNOTES:

a = Sheen in well.  
b = Well is dry.  
c = Insufficient water to sample.  
d = Chromatogram Pattern: Gasoline C6-C10.  
e = Hydrocarbon pattern is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.  
g = TPH, benzene, toluene, ethylbenzene, and total xylenes (BTEX), and MTBE analyzed by EPA Method 8260B beginning on the 1st quarter 2003 sampling event (1/23/03).  
h = This sample was re-extracted beyond the EPA recommended holding time. The results may still be useful for their intended purpose.  
i = GWE adjusted using the formula  $GWE = (TOC - DTW) + (\text{free product (FP) thickness} \times 0.8)$ .  
j = Sample contains a higher boiling point hydrocarbon mixture quantitated as gasoline. The chromatogram did not match the typical gasoline fingerprint.  
k = DO reading not taken due to the presence of sheen.  
l = FP in well.  
m = Gauged with ORC sock in well.  
n = Method reporting limit for benzene, toluene, ethylbenzene, and/or total xylenes was raised due to high analyte concentration requiring sample dilution or matrix interference.  
o = Well dewatered.  
p = Well inaccessible.  
q = Insufficient sample available to follow standard QC procedures.  
r = Wells resurveyed February 27, 2004.  
s = Reporting limits elevated due to matrix interferences (SVOCs).  
t = Sample preserved improperly.  
u = Reporting limits raised due to high level of non-target analytes (SVOCs).  
v = Wells surveyed June 23, 2009.  
w = Quantitation of unknown hydrocarbon(s) in sample based on baseline.  
x = Quantitated against gasoline.

#### NOTES:

Beginning in the fourth quarter 2003, the laboratory modified the reported analyte list. TPH-g was changed to GRO. The resulting data may be impacted by the potential of non-TPH-g analytes within the requested fuel range resulting in a higher concentration being reported.

Beginning in the second quarter 2004, the carbon range for GRO was changed from C6-C10 to C4-C12.

Values for DO and pH were obtained through field measurements.

Top and bottom of screen measurements for wells MW-1 to MW-3, and MW-7 were taken from Delta Environmental Consulting Inc. sampling sheets because the well construction logs were not available.

GRO analysis was completed by EPA method 8260B (C4-C12) for samples collected from the time period April 2006 through February 4, 2008. The analysis for GRO was changed to EPA method 8015B (C6-C12) for

samples collected from the time period February 5, 2008 through the present.

Note: The data within this table collected prior to April 2006 was provided to Broadbent & Associates, Inc. by Atlantic Richfield Company and their previous consultants. Broadbent & Associates, Inc. has not verified the accuracy of this information.