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Alameda County
Environmental Health



Shell Oil Products US

October 6, 2010

Re: Third Quarter 2010 Semi-Annual Groundwater Monitoring Report
Former Shell-Branded Service Station
15275 Washington Avenue
San Leandro, California

Dear Mr. Jerry Wickham:

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,
Shell Oil Products US

A handwritten signature in black ink, appearing to read "Denis L. Brown", with a long horizontal flourish extending to the right.

Denis L. Brown
Project Manager

October 6, 2010
Delta Project No. SCA152751D
SAP No. 129460

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

**Re: THIRD QUARTER 2010 SEMI-ANNUAL
GROUNDWATER MONITORING REPORT**
Former Shell-Branded Service Station
15275 Washington Avenue
San Leandro, California



Dear Mr. Wickham:

On behalf of Equilon Enterprises LLC *dba* Shell Oil Products (Shell), Delta Consultants (Delta) has prepared this *Third Quarter 2010 Semi-Annual Groundwater Monitoring Report* for the above referenced site. Sampling activities at the site were conducted by Blaine Tech Services, Inc. (Blaine Tech) under contract to Shell and included the collection of groundwater samples and static water level measurements. Based on the results of the *Revised Groundwater Sampling Work Plan* implemented during the third quarter 2009 event, recommendations were made to implement purging prior to sample collection at all wells, and approved by the Alameda County Health Care Services Agency (ACHCSA) in a letter dated November 3, 2009. A revised sampling protocol including a standard purge of three well-casing volumes prior to sample collection for all wells was implemented during the first quarter 2010. Delta did not provide any oversight of Blaine Tech's work or protocol. A Delta staff member, under the supervision of a California Registered Civil Engineer or a California Professional Geologist, performed evaluation of the data provided to us.

This report represents Delta's professional opinions based upon the currently available information and is arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

This site is included in a portfolio of sites which will be transferred to Conestoga-Rovers & Associates (CRA) during the fourth quarter 2010. Additional information, including CRA point-of-contract information, will be forthcoming in the next several weeks. In the meantime, if you have any questions regarding this site, please contact Suzanne McClurkin-Nelson (Delta Site Manager) at (408) 826-1875 or Denis Brown (Shell Project Manager) at (707) 865-0251.

Sincerely,
Delta Consultants



Suzanne McClurkin-Nelson
Senior Project Manager



Regina Bussard, P.G.
Project Geologist



Attachment: Third Quarter 2010 Semi-Annual Groundwater Monitoring Report

cc: Denis Brown, Shell Oil Products US, Carson (via electronic)
Mike Bakaldin, San Leandro Fire Department, San Leandro
Jonathan Redding, Wendell, Rosen, Black & Dean, Oakland
Richard Waxman, Wendell, Rosen, Black & Dean, Oakland
Salel Enterprises c/o Foothill Hardware, Oakland

SHELL SEMI-ANNUAL STATUS REPORT

Station Address: 15275 Washington Avenue, San Leandro, California
DELTA Project No.: SCA152751D
SHELL Project Manager / Phone No.: Denis Brown / (707) 865-0251
DELTA Site Manager / Phone No.: Suzanne McClurkin-Nelson / (408) 826-1875
Primary Agency / Regulatory ID No.: Alameda County Health Care Services Agency (ACHCSA) /
Jerry Wickham
Other Agencies to Receive Copies: San Leandro Fire Department / Mike Bakaldin

WORK PERFORMED THIS QUARTER AND LAST QUARTER (2Q10 & 3Q10):

1. Submitted 1Q10 semiannual monitoring report (April 8, 2010).
2. Submitted soil gas sampling report (April 19, 2010).
3. Performed coordinated 3Q10 annual sampling event with ARCO #601 (July 2010).
4. Advanced 14 soil borings June 2010 per the February 2010 work plan; submitted soil boring assessment report on August 11, 2010).
5. Conducted 2nd round of soil gas sampling per ACHCSA's 9/13/2010 request letter (September 2010).

WORK PROPOSED FOR NEXT TWO QUARTERS (4Q10 & 1Q11):

1. Submit 3Q10 semiannual monitoring report.
2. Update Site Conceptual Model.
3. Submit soil gas sampling report summarizing results of second round of soil vapor well samples.
4. Perform 1Q11 coordinated sampling with Former BP Station #601 at 712 Lewelling Boulevard.

Current Phase of Project: Groundwater monitoring
Site Use: Former Shell-branded service station; currently an automotive emissions testing facility.
Frequency of Sampling: Semi-annual (1Q/3Q): S-3 and S-7 through S-9
Annual (1Q): S-1, S-5, S-10, S-13, and S-16 through S-19 in addition to semi-annual wells (see above)
Frequency of Monitoring: Semi-annual
Is Separate Phase Hydrocarbon Present On-site (Well #'s): Yes No
Cumulative SPH Recovered to Date: NA
SPH Recovered This Quarter : None
Groundwater Removed this Quarter: 42.4 gallons
Sensitive Receptor(s) and Respective Direction(s): No municipal wells are located within a half mile from the site.
Site Lithology: Silt, silty sand, and clay were encountered to the total depth explored, with minor sand interbeds noted.
Current Remediation Techniques: None
Permits for Discharge: None
Approximate Depth to Groundwater: 5.73 to 7.50 feet below top of well casing
Groundwater Gradient: South southwest at approximately 0.003 ft/ft; generally consistent with previous data

SHELL SEMI-ANNUAL STATUS REPORT (CONT.)

Current Agency Correspondence:	ACHCSA correspondence: emails dated 8/28/09, 1/20/10 and 9/14/10; letters dated 11/3/09, 1/4/10, 4/12/10, and 9/13/10 (Attachment A)
Date of Most Recent Work Plan Approval:	April 12, 2010
Site History:	
Case Opening	1985 – four on-site wells installed, TPH-G detected in groundwater, as well as separate phase product in one well.
On-Site Assessment	1985-1987 – on-site wells and soil borings
Off-Site Assessment	1988-1991 – off-site wells installed 1997 – on- and off-site soil vapor survey
Passive Remediation	Natural attenuation since source and tank removal in 1987
Active Remediation	1987 – over 700 cubic yards of petroleum hydrocarbon impacted soil was excavated during UST and dispenser removal. 1998-1999 – Soil vapor extraction system removed 1,410 pounds of vapor-phase hydrocarbons from the site
Closure	Evaluate closure request following soil vapor survey
Summary of Unusual Activity:	Groundwater elevations for ARCO Station 601 were adjusted by 2.7 feet to be comparable with groundwater elevations from Former Shell Station.

Discussion:

Monitoring data for the third quarter 2010 are typical of past data; well S-9 remains the primary well of concern, all other semi-annual wells were non-detected (ND) except S-3, which has a fairly low concentration of TPH-g. TPH-g concentrations for all wells sampled were ND with the exception of S-3 and S-9, which reported 81 micrograms per liter (µg/L) and 7,900 µg/L, respectively. Benzene and ethylbenzene were reported in well S-9 at concentrations of 21 µg/L and 19 µg/L, respectively; no other fuel components were reported above the detection limit.

ATTACHMENTS:

Figures:

Figure 1 – Site Location Map

Figure 2 – Groundwater Elevation Contour Map – 7/22/2010

Figure 3 – Hydrocarbon Distribution in Groundwater Map – 7/22/2010

Table:

Table 1 – Historical Groundwater Gauging and Analytical Data

Appendices:

Appendix A – Regulatory Correspondence

Appendix B – Blaine Tech Services, Inc. Field Data Sheets

Appendix C – Blaine Tech Services, Inc. Field Procedures

Appendix D – Certified Analytical Report with Chain-of-Custody Documentation

Appendix E – Coordinated Data Tables (Former BP Station #601)

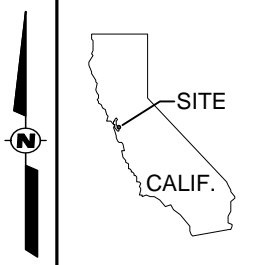
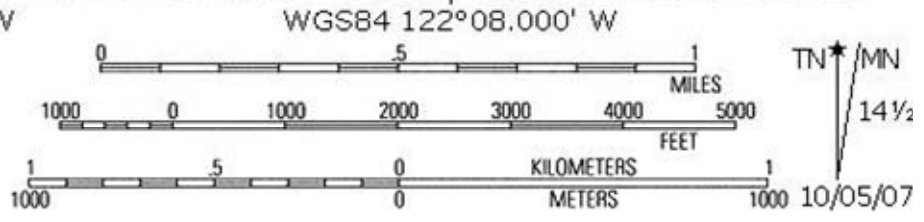
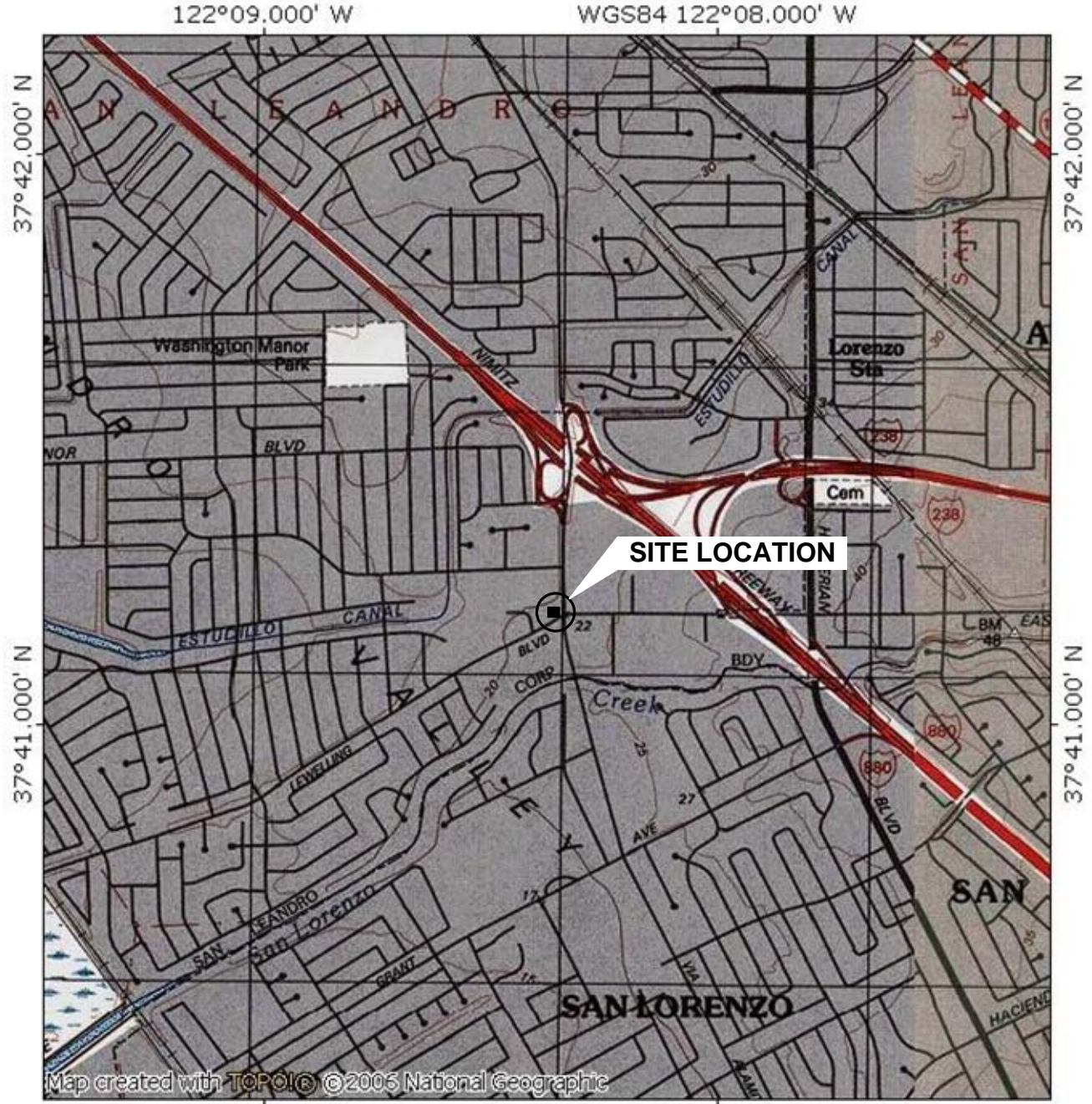
FIGURES

DRAWING NUMBER
SCA152751D

APPROVED BY

CHECKED BY

DRAWN BY
J.F.F.



DELTA CONSULTANTS

SHELL OIL PRODUCTS US
FORMER SHELL SERVICE STATION
SAN LEANDRO, CALIFORNIA

FIGURE 1
SITE LOCATION MAP
15275 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

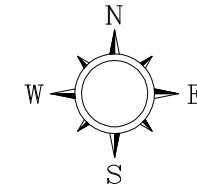
PROJECT NUMBER
SCA152751D

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J.F.F.
9/7/2010

70
35
0
SCALE IN FEET



LEGEND

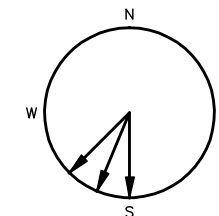
- S-6 ◆ GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- S-1 ▲ GROUNDWATER MONITORING WELL MODIFIED FOR SOIL VAPOR EXTRACTION
- SV-1 ▲ SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
- P-16 ● SOIL VAPOR SAMPLE LOCATION
- MW-1 ■ GROUNDWATER MONITORING WELL LOCATION (ARCO STATION)
- B-38/MW-19 □ SOIL BORING/GROUNDWATER MONITORING WELL LOCATION (ARCO STATION)
- B-1 ● SOIL GAS BORING/TEMPORARY VAPOR IMPLANT LOCATION (ARCO STATION)
- RW-1 ● SOIL VAPOR EXTRACTION WELL LOCATION (ARCO STATION)
- (14.05) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (Ft./MSL)
- 14.00 - - - GROUNDWATER CONTOUR IN FEET ABOVE MEAN SEA LEVEL (Ft./MSL)
CONTOUR INTERVAL=0.25 FEET
- 0.003 ft/ft APPROXIMATE GROUNDWATER DIRECTION
- NG NOT GAUGED
- * NOT USED IN CONTOURING ANOMALOUS DATA

NOTES

ARCO STATION GROUNDWATER ELEVATION ADJUSTED BY 2.7 FEET

HISTORICAL GROUNDWATER FLOW DIRECTIONS

DATE	FLOW
1/22/2004	SW
1/27/2006	SW,SSW
7/25/2006	SW,SSW
1/4/2007	SW
7/24/2007	SSW
1/15/2008	S
8/4/2008	S,SSW
1/8/2009	SW
7/21/2009	SSW
1/12/2010	SSW
7/22/2010	SSW



SHELL OIL PRODUCTS
FORMER SHELL-BRANDED SERVICE STATION
SAN LEANDRO, CALIFORNIA

**FIGURE 2
GROUNDWATER ELEVATION CONTOUR
MAP**

7/22/2010

15275 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

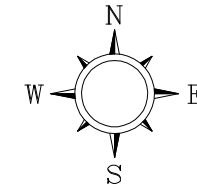
PROJECT NUMBER SCA152751D

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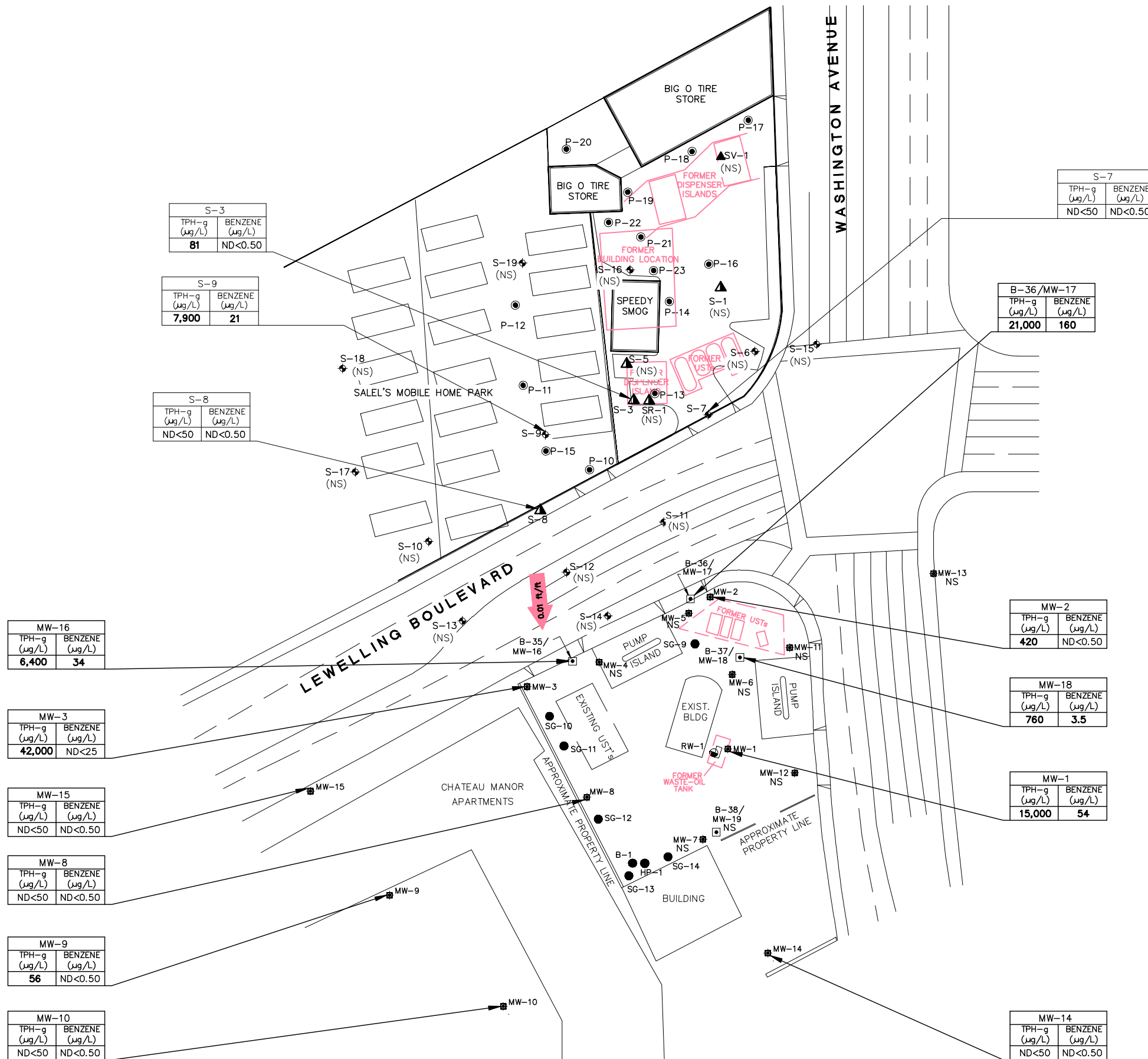
9/7/2010

SCALE IN FEET



LEGEND

- S-6 GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- S-1 GROUNDWATER MONITORING WELL MODIFIED FOR SOIL VAPOR EXTRACTION
- SV-1 SOIL VAPOR EXTRACTION WELL LOCATION AND DESIGNATION
- P-16 SOIL VAPOR SAMPLE LOCATION
- MW-1 GROUNDWATER MONITORING WELL LOCATION (ARCO STATION)
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- B-1 SOIL GAS BORING/TEMPORARY VAPOR IMPLANT LOCATION (ARCO STATION)
- RW-1 SOIL VAPOR EXTRACTION WELL LOCATION (ARCO STATION)
- TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- ND< NOT DETECTED ABOVE LIMIT NOTED
- µg/L MICROGRAMS PER LITER
- NS NOT SAMPLED
- 0.01 ft/ft APPROXIMATE GROUNDWATER DIRECTION



SHELL OIL PRODUCTS
FORMER SHELL-BRANDED SERVICE STATION
SAN LEANDRO, CALIFORNIA

FIGURE 3
HYDROCARBON DISTRIBUTION
IN GROUNDWATER MAP
7/22/2010

15275 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

TABLE

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
15275 Washington Boulevard
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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-1	7/8/1985	520	NA	NA	NA	NA	NA	NA	21.55	NA	NA	NA	NA
S-1	9/6/1988	<50	<0.5	<1	<1	<0.3	NA	NA	21.55	NA	NA	NA	NA
S-1	11/16/1988	<50	<0.5	<1	<1	<0.3	NA	NA	21.55	8.01	13.54	NA	NA
S-1	2/27/1989	<50	0.5	<1	<1	<0.3	NA	NA	21.55	NA	NA	NA	NA
S-1	5/4/1989	<50	1.0	<1	<1	<0.3	NA	NA	21.55	NA	NA	NA	NA
S-1	8/10/1989	<50	0.7	<1	<1	<0.3	NA	NA	21.55	7.93	13.62	NA	NA
S-1	10/10/1989	<50	<0.5	<1	<1	<0.3	NA	NA	21.55	8.09	13.46	NA	NA
S-1	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.55	7.73	13.82	NA	NA
S-1	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.55	7.91	13.64	NA	NA
S-1	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.55	7.72	13.83	NA	NA
S-1	10/18/1990	80	5	<0.5	<0.5	3.0	NA	NA	21.55	8.55	13.00	NA	NA
S-1	1/28/1991	<50	4.5	<0.5	<0.5	2.0	NA	NA	21.55	8.52	13.03	NA	NA
S-1	4/25/1991	80a	3.7	<0.5	0.7	2.0	NA	NA	21.55	7.18	14.37	NA	NA
S-1	7/9/1991	200	16	<0.5	1.3	5.8	NA	NA	21.55	8.22	13.33	NA	NA
S-1	10/8/1991	<50	2.3	<0.5	<0.5	<0.5	NA	NA	21.55	8.70	12.85	NA	NA
S-1	2/5/1992	160	8.9	<0.5	2.1	6.0	NA	NA	21.55	8.14	13.41	NA	NA
S-1	4/28/1992	<50	2.4	<0.5	<0.5	0.9	NA	NA	21.55	7.52	14.03	NA	NA
S-1	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.55	8.28	13.27	NA	NA
S-1	10/26/1992	57	3.0	1.6	1.4	1.7	NA	NA	21.55	8.74	12.81	NA	NA
S-1	1/14/1993	490	53	1.2	20	33	NA	NA	21.55	5.91	15.64	NA	NA
S-1	4/16/1993	240	20	<0.5	15	240	NA	NA	21.55	6.66	14.89	NA	NA
S-1	7/23/1993	<50	0.5	<0.5	<0.5	<0.5	NA	NA	21.55	7.53	14.02	NA	NA
S-1	10/27/1993	60	5.9	<0.5	2.5	1.7	NA	NA	21.55	8.20	13.35	NA	NA
S-1	1/27/1994	<50	2.1	<0.5	<0.5	0.63	NA	NA	21.55	7.26	14.29	NA	NA
S-1	5/5/1994	57	3.9	<0.5	1.9	1.9	NA	NA	21.27	7.38	13.89	NA	NA
S-1	7/26/1994	<50	2.2	<0.3	<0.3	<0.6	NA	NA	21.27	7.86	13.41	NA	NA
S-1	10/28/1994	<50	0.8	<0.3	<0.3	0.8	NA	NA	21.27	7.86	13.41	NA	NA
S-1	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.27	6.85	14.42	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
15275 Washington Boulevard
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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-1	4/14/1995	NA	NA	NA	NA	NA	NA	NA	21.27	6.08	15.19	NA	NA
S-1	7/28/1995	60	2.2	<0.5	1.3	1.2	NA	NA	21.27	6.79	14.48	NA	NA
S-1	10/17/1995	60	2.6	<0.5	1.2	1.3	NA	NA	21.27	7.04	14.23	NA	NA
S-1	1/11/1996	<50	2.0	<0.5	<0.5	<0.5	<2	NA	21.27	6.40	14.87	NA	NA
S-1	4/2/1996	NA	NA	NA	NA	NA	NA	NA	21.27	5.84	15.43	NA	NA
S-1	7/9/1996	NA	NA	NA	NA	NA	NA	NA	21.27	6.50	14.77	NA	NA
S-1	10/10/1996	NA	NA	NA	NA	NA	NA	NA	21.27	7.31	13.96	NA	NA
S-1	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	6.7	NA	21.27	5.50	15.77	NA	NA
S-1	4/8/1997	NA	NA	NA	NA	NA	NA	NA	21.27	7.03	14.24	NA	NA
S-1	7/21/1997	NA	NA	NA	NA	NA	NA	NA	21.27	7.00	14.27	NA	NA
S-1	10/8/1997	NA	NA	NA	NA	NA	NA	NA	21.27	7.51	13.76	NA	NA
S-1	1/15/1998	420	16	<0.50	4.6	3.9	26	NA	21.27	5.43	15.84	NA	NA
S-1	4/14/1998	NA	NA	NA	NA	NA	NA	NA	21.27	5.55	15.72	NA	NA
S-1	7/14/1998	NA	NA	NA	NA	NA	NA	NA	21.33	6.38	14.95	NA	NA
S-1	10/20/1998	NA	NA	NA	NA	NA	NA	NA	21.33	7.48	13.85	NA	NA
S-1	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2.53	NA	21.33	6.37	14.96	NA	NA
S-1	4/8/1999	NA	NA	NA	NA	NA	NA	NA	21.33	5.93	15.40	NA	NA
S-1	7/23/1999	NA	NA	NA	NA	NA	NA	NA	21.33	7.20	14.13	NA	NA
S-1	10/26/1999	NA	NA	NA	NA	NA	NA	NA	21.33	7.61	13.72	NA	NA
S-1	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	4.73	NA	21.33	7.76	13.57	NA	NA
S-1	4/14/2000	NA	NA	NA	NA	NA	NA	NA	21.33	6.35	14.98	NA	NA
S-1	7/12/2000	NA	NA	NA	NA	NA	NA	NA	21.33	7.05	14.28	NA	NA
S-1	11/1/2000	NA	NA	NA	NA	NA	NA	NA	21.33	6.51	14.82	NA	NA
S-1	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	21.33	7.49	13.84	NA	NA
S-1	4/24/2001	NA	NA	NA	NA	NA	NA	NA	21.33	6.85	14.48	NA	NA
S-1	7/2/2001	NA	NA	NA	NA	NA	NA	NA	21.33	7.65	13.68	NA	NA
S-1	11/2/2001	NA	NA	NA	NA	NA	NA	NA	21.33	7.84	13.49	NA	NA
S-1	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.33	6.16	15.17	NA	NA
S-1	4/1/2002	NA	NA	NA	NA	NA	NA	NA	21.33	6.57	14.76	NA	NA

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S-1	7/11/2002	NA	NA	NA	NA	NA	NA	NA	21.33	7.52	13.81	NA	NA
S-1	10/28/2002	NA	NA	NA	NA	NA	NA	NA	21.33	7.99	13.34	NA	NA
S-1	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	5.6	21.33	6.46	14.87	NA	NA
S-1	4/30/2003	NA	NA	NA	NA	NA	NA	NA	21.33	6.18	15.15	NA	NA
S-1	7/1/2003	NA	NA	NA	NA	NA	NA	NA	21.33	7.38	13.95	NA	NA
S-1	10/8/2003	NA	NA	NA	NA	NA	NA	NA	21.33	7.87	13.46	NA	NA
S-1	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.33	6.90	14.43	NA	NA
S-1	7/13/2004	NA	NA	NA	NA	NA	NA	NA	21.33	7.83	13.50	NA	NA
S-1	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.33	5.68	15.65	NA	NA
S-1	7/19/2005	NA	NA	NA	NA	NA	NA	NA	21.33	6.35	14.98	NA	NA
S-1	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	21.33	6.05	15.28	NA	NA
S-1	7/25/2006	NA	NA	NA	NA	NA	NA	NA	21.33	7.12	14.21	NA	NA
S-1	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.33	6.75	14.58	NA	NA
S-1	7/24/2007	NA	NA	NA	NA	NA	NA	NA	21.33	7.73	13.60	NA	NA
S-1	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	21.33	6.10	15.23	NA	NA
S-1	8/4/2008	NA	NA	NA	NA	NA	NA	NA	21.33	7.76	13.57	NA	NA
S-1	1/8/2009	<50	0.57	<1.0	<1.0	<1.0	NA	NA	21.33	7.28	14.05	NA	NA
S-1	7/21/2009	NA	NA	NA	NA	NA	NA	NA	21.33	7.89	13.44	NA	NA
S-1	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.33	6.98	14.35	NA	NA
S-1	07/22/2010 *	NA	NA	NA	NA	NA	NA	NA	21.33	7.47	13.86	NA	NA
S-3	9/6/1988	96000	3400	9500	2700	17000	NA	NA	21.14	NA	NA	NA	NA
S-3	11/16/1988	70000	4600	8400	2500	13000	NA	NA	21.14	7.76	13.38	NA	NA
S-3	2/27/1989	32000	2400	3100	1500	6400	NA	NA	21.14	NA	NA	NA	NA
S-3	5/4/1989	47000	4400	300	2400	15000	NA	NA	21.14	NA	NA	NA	NA
S-3	8/10/1989	110000	5700	5700	3200	19000	NA	NA	21.14	7.92	13.22	NA	NA
S-3	10/10/1989	52000	4600	3300	2600	15000	NA	NA	21.14	8.00	13.14	NA	NA
S-3	1/25/1990	420000	5200	4100	6700	34000	NA	NA	21.14	7.54	13.60	NA	NA
S-3	4/18/1990	58000	3800	1400	2400	12000	NA	NA	21.14	7.74	13.40	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-3	7/23/1990	49000	3400	1800	2300	12000	NA	NA	21.14	7.55	13.59	NA	NA
S-3	10/18/1990	44000	3500	650	2400	11000	NA	NA	21.14	8.47	12.67	NA	NA
S-3	1/28/1991	64000	40900	570	1940	8090	NA	NA	21.14	8.38	12.76	NA	NA
S-3	4/25/1991	120000	3900	3600	2400	8900	NA	NA	21.14	6.91	14.23	NA	NA
S-3	7/9/1991	50000	3600	2300	1800	10000	NA	NA	21.14	8.07	13.07	NA	NA
S-3	10/8/1991	130000	3600	1000	2800	8400	NA	NA	21.14	8.61	12.53	NA	NA
S-3	2/5/1992	150000	2500	670	2700	10000	NA	NA	21.14	7.80	13.34	NA	NA
S-3	4/28/1992	120000	2200	1200	2000	5800	NA	NA	21.14	7.27	13.87	NA	NA
S-3	7/27/1992	190000	1400	<1250	<1250	3400	NA	NA	21.14	8.10	13.04	NA	NA
S-3	10/26/1992	950000	2000	8400	16000	36000	NA	NA	21.14	8.62	12.52	NA	NA
S-3	1/14/1993	41000	2700	2500	1800	6900	NA	NA	21.14	5.16	15.98	NA	NA
S-3	4/16/1993	40000	930	2800	1900	14000	NA	NA	21.14	7.18	13.96	NA	NA
S-3	7/23/1993	87000	1600	<5	1300	4000	NA	NA	21.14	7.34	13.80	NA	NA
S-3	10/27/1993	36000	2200	<500	1500	3200	NA	NA	21.14	8.03	13.11	NA	NA
S-3	1/27/1994	190000	3200	3100	4100	15000	NA	NA	21.14	6.79	14.35	NA	NA
S-3	5/5/1994	36000	1100	490	1600	4700	NA	NA	20.48	6.75	13.73	NA	NA
S-3	7/26/1994	18000	1039	170.5	845.4	967.5	NA	NA	20.48	7.30	13.18	NA	NA
S-3	10/28/1994	25869	467.9	294	546.2	343.3	NA	NA	20.48	8.36	12.12	NA	NA
S-3	1/2/1995	23000	850	260	900	2100	NA	NA	20.48	6.36	14.12	NA	NA
S-3	4/14/1995	33000	720	670	1600	6600	NA	NA	20.48	5.87	14.61	NA	NA
S-3	7/28/1995	12000	540	<10	580	780	NA	NA	20.48	6.33	14.15	NA	NA
S-3	10/17/1995	Well inaccessible		NA	NA	NA	NA	NA	20.48	6.48	14.00	NA	NA
S-3	1/11/1996	16000	520	290	740	2600	<200	NA	20.48	5.80	14.68	NA	NA
S-3	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.48	5.00	15.48	NA	NA
S-3	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.48	5.93	14.55	NA	NA
S-3	10/10/1996	NA	NA	NA	NA	NA	NA	NA	20.48	6.73	13.75	NA	NA
S-3	1/9/1997	30000	420	330	1500	6300	<500	NA	20.48	4.72	15.76	NA	NA
S-3	4/8/1997	NA	NA	NA	NA	NA	NA	NA	20.48	6.63	13.85	NA	NA
S-3	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.48	6.18	14.30	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-3	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.48	6.83	13.65	NA	NA
S-3	1/15/1998	21000	300	51	770	2800	<100	NA	20.48	4.30	16.18	NA	NA
S-3 (D)	1/15/1998	14000	330	63	920	3400	<250	NA	20.48	NA	NA	NA	NA
S-3	4/14/1998	NA	NA	NA	NA	NA	NA	NA	20.48	4.37	16.11	NA	NA
S-3	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.48	5.47	15.01	NA	NA
S-3	10/20/1998	Well inaccessible		NA	NA	NA	NA	NA	20.48	NA	NA	NA	NA
S-3	1/22/1999	40000	313	194	2200	8800	<40.0	NA	20.48	5.71	14.77	NA	NA
S-3	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.48	4.95	15.53	NA	NA
S-3	7/23/1999	NA	NA	NA	NA	NA	NA	NA	20.48	6.78	13.70	NA	NA
S-3	10/26/1999	NA	NA	NA	NA	NA	NA	NA	20.48	7.25	13.23	NA	NA
S-3	1/3/2000	39700	150	61.8	1690	7720	445	NA	20.48	7.46	13.02	NA	NA
S-3	4/14/2000	NA	NA	NA	NA	NA	NA	NA	20.48	5.64	14.84	NA	NA
S-3	7/12/2000	Well inaccessible		NA	NA	NA	NA	NA	20.48	NA	NA	NA	NA
S-3	11/1/2000	NA	NA	NA	NA	NA	NA	NA	20.48	6.72	13.76	NA	NA
S-3	1/3/2001	25000	89.0	<50.0	1270	5180	<250	NA	20.48	7.14	13.34	NA	NA
S-3	4/24/2001	Well inaccessible		NA	NA	NA	NA	NA	20.48	NA	NA	NA	NA
S-3	7/2/2001	NA	NA	NA	NA	NA	NA	NA	20.48	7.28	13.20	NA	3.2
S-3	11/2/2001	NA	NA	NA	NA	NA	NA	NA	20.48	7.64	12.84	NA	3.5
S-3	1/16/2002	Well inaccessible		NA	NA	NA	NA	NA	20.48	NA	NA	NA	NA
S-3	4/1/2002	NA	NA	NA	NA	NA	NA	NA	20.48	5.99	14.49	NA	3.8
S-3	7/11/2002	NA	NA	NA	NA	NA	NA	NA	20.48	7.21	13.27	NA	0.7
S-3	10/28/2002	NA	NA	NA	NA	NA	NA	NA	20.85	7.90	12.95	NA	e
S-3	1/23/2003	28000	60	13	970	3700	NA	<50	20.85	6.00	14.85	NA	0.3
S-3	4/30/2003	NA	NA	NA	NA	NA	NA	NA	20.85	5.34	15.51	NA	1.0
S-3	7/1/2003	NA	NA	NA	NA	NA	NA	NA	20.85	7.28	13.57	NA	1.0
S-3	10/8/2003	NA	NA	NA	NA	NA	NA	NA	20.85	7.63	13.22	NA	26.9
S-3	1/22/2004	3200	5.7	<2.5	16	320	NA	NA	20.85	6.53	14.32	NA	0.5
S-3	7/13/2004	Well inaccessible		NA	NA	NA	NA	NA	20.85	NA	NA	NA	NA
S-3	7/21/2004	3100	4.1	<2.5	10	130	NA	NA	20.85	7.64	13.21	NA	2.2

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-3	1/20/2005	93	<0.50	<0.50	1.3	1.8	NA	NA	20.85	5.78	15.07	NA	0.8
S-3	7/19/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.85	6.35	14.50	NA	NA
S-3	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.85	5.55	15.30	NA	NA
S-3	7/25/2006	100	<1.00	<1.00	<1.00	<3.00	NA	NA	20.85	7.09	13.76	NA	NA
S-3	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.85	6.53	14.32	NA	NA
S-3	7/24/2007	590 g,h	0.99	<1.0	0.25 i	0.99 i	NA	NA	20.85	7.44	13.41	NA	NA
S-3	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.85	5.41	15.44	NA	NA
S-3	8/4/2008	76	<0.50	<1.0	<1.0	<1.0	NA	NA	20.85	6.62	14.23	NA	NA
S-3	1/8/2009	260	<0.50	<1.0	<1.0	<1.0	NA	NA	20.85	6.87	13.98	NA	NA
S-3	7/21/2009	90	<0.50	<1.0	<1.0	<1.0	NA	NA	20.85	7.64	13.21	NA	NA
S-3	07/21/2009 *	150	<0.50	<1.0	<1.0	<1.0	NA	NA	20.85	7.64	13.21	NA	NA
S-3	01/12/2010 *	130	0.83	<1.0	<1.0	<1.0	NA	NA	20.85	6.63	14.22	NA	NA
S-3	07/22/2010 *	81	<0.50	<1.0	<1.0	<1.0	NA	NA	20.85	7.29	13.56	NA	NA

S-5	1/8/1987	7800	380	510	NA	1000	NA	NA	21.41	NA	NA	NA	NA
S-5	9/6/1988	7000	2600	60	400	700	NA	NA	21.41	NA	NA	NA	NA
S-5	11/16/1988	3000	660	60	120	220	NA	NA	21.41	NA	NA	NA	NA
S-5	2/27/1989	5700	2000	220	260	320	NA	NA	21.41	NA	NA	NA	NA
S-5	5/4/1989	9000	3000	600	630	1700	NA	NA	21.41	NA	NA	NA	NA
S-5	8/10/1989	5100	1100	<50	270	400	NA	NA	21.41	8.28	13.13	NA	NA
S-5	10/10/1989	15000	3300	160	830	2200	NA	NA	21.41	8.32	13.09	NA	NA
S-5	1/25/1990	12000	2400	360	570	1400	NA	NA	21.41	8.20	13.21	NA	NA
S-5	4/18/1990	5200	1100	40	300	460	NA	NA	21.41	8.32	13.09	NA	NA
S-5	7/23/1990	5500	1300	140	320	730	NA	NA	21.41	8.03	13.38	NA	NA
S-5	10/18/1990	12000	3200	40	720	900	NA	NA	21.41	9.03	12.38	NA	NA
S-5	1/28/1991	2550	410	15	110	60	NA	NA	21.41	8.80	12.61	NA	NA
S-5	4/25/1991	67000	5100	3100	2800	11000	NA	NA	21.41	7.40	14.01	NA	NA
S-5	7/9/1991	4900	480	36	360	1000	NA	NA	21.41	8.52	12.89	NA	NA
S-5	10/8/1991	6600	370	7.0	190	380	NA	NA	21.41	9.00	12.41	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-5	2/5/1992	44000	4800	850	2700	8400	NA	NA	21.41	8.11	13.30	NA	NA
S-5	4/28/1992	33000	1400	320	1600	5200	NA	NA	21.41	7.70	13.71	NA	NA
S-5	7/27/1992	20000	2400	<25	1800	2300	NA	NA	21.41	8.52	12.89	NA	NA
S-5	10/26/1992	21000	1600	140	1500	2800	NA	NA	21.41	9.02	12.39	NA	NA
S-5	1/14/1993	54000	1900	1000	2700	16000	NA	NA	21.41	5.22	16.19	NA	NA
S-5	4/16/1993	42000	2000	1300	4300	18000	NA	NA	21.41	7.04	14.37	NA	NA
S-5	7/23/1993	46000	2500	2200	3400	11000	NA	NA	21.41	7.75	13.66	NA	NA
S-5	10/27/1993	6500	990	31	1100	1000	NA	NA	21.41	8.49	12.92	NA	NA
S-5	1/27/1994	34000	1800	580	2900	9700	NA	NA	21.41	7.04	14.37	NA	NA
S-5	5/5/1994	24000	670	70	1400	2700	NA	NA	21.03	7.20	13.83	NA	NA
S-5	7/27/1994	4700	193.6	33.1	332.3	281.2	NA	NA	21.03	7.72	13.31	NA	NA
S-5	10/28/1994	3200	167.3	18	238.7	104.5	NA	NA	21.03	7.82	13.21	NA	NA
S-5	1/2/1995	18000	1300	220	3400	10000	NA	NA	21.03	6.65	14.38	NA	NA
S-5	4/14/1995	NA	NA	NA	NA	NA	NA	NA	21.03	5.99	15.04	NA	NA
S-5	7/28/1995	25000	440	74	1700	4500	NA	NA	21.03	6.77	14.26	NA	NA
S-5 (D)	7/28/1995	25000	450	<50	1700	4600	NA	NA	21.03	NA	NA	NA	NA
S-5	10/17/1995	18000	360	24	1300	2200	NA	NA	21.03	7.00	14.03	NA	NA
S-5	1/11/1996	41000	420	180	1600	9500	<200	NA	21.03	6.22	14.81	NA	NA
S-5	4/2/1996	NA	NA	NA	NA	NA	NA	NA	21.03	5.44	15.59	NA	NA
S-5	7/9/1996	NA	NA	NA	NA	NA	NA	NA	21.03	6.41	14.62	NA	NA
S-5	10/10/1996	NA	NA	NA	NA	NA	NA	NA	21.03	7.19	13.84	NA	NA
S-5	1/9/1997	38000	130	43	160	6200	<125	NA	21.03	5.03	16.00	NA	NA
S-5 (D)	1/9/1997	36000	130	<50	160	5600	<250	NA	21.03	NA	NA	NA	NA
S-5	4/8/1997	NA	NA	NA	NA	NA	NA	NA	21.03	7.20	13.83	NA	NA
S-5	7/21/1997	NA	NA	NA	NA	NA	NA	NA	21.03	6.82	14.21	NA	NA
S-5	10/8/1997	NA	NA	NA	NA	NA	NA	NA	21.03	7.31	13.72	NA	NA
S-5	1/15/1998	49000	62	<50	93	4100	<250	NA	21.03	4.58	16.45	NA	NA
S-5	4/14/1998	NA	NA	NA	NA	NA	NA	NA	21.03	4.94	16.09	NA	NA
S-5	7/14/1998	NA	NA	NA	NA	NA	NA	NA	21.27	5.36	15.91	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-5	10/20/1998	NA	NA	NA	NA	NA	NA	NA	21.27	7.53	13.74	NA	NA
S-5	1/22/1999	2550	9.09	<0.500	1.93	112	4.40	NA	21.27	6.35	14.92	NA	NA
S-5	4/8/1999	NA	NA	NA	NA	NA	NA	NA	21.27	5.37	15.90	NA	NA
S-5	7/23/1999	NA	NA	NA	NA	NA	NA	NA	21.27	6.43	14.84	NA	NA
S-5	10/26/1999	NA	NA	NA	NA	NA	NA	NA	21.27	7.51	13.76	NA	NA
S-5	1/3/2000	3310	39.0	<10.0	293	21.7	<50.0	NA	21.27	7.78	13.49	NA	NA
S-5	4/14/2000	NA	NA	NA	NA	NA	NA	NA	21.27	6.15	15.12	NA	NA
S-5	7/12/2000	NA	NA	NA	NA	NA	NA	NA	21.27	7.05	14.22	NA	NA
S-5	11/1/2000	NA	NA	NA	NA	NA	NA	NA	21.27	6.00	15.27	NA	NA
S-5	1/3/2001	516	3.65	0.968	18.0	4.02	18.4	NA	21.27	7.48	13.79	NA	NA
S-5	4/24/2001	NA	NA	NA	NA	NA	NA	NA	21.27	6.58	14.69	NA	NA
S-5	7/2/2001	NA	NA	NA	NA	NA	NA	NA	21.27	7.60	13.67	NA	NA
S-5	11/2/2001	NA	NA	NA	NA	NA	NA	NA	21.27	7.94	13.33	NA	NA
S-5	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.27	5.88	15.39	NA	NA
S-5	4/1/2002	NA	NA	NA	NA	NA	NA	NA	21.27	6.27	15.00	NA	NA
S-5	7/11/2002	NA	NA	NA	NA	NA	NA	NA	21.27	7.53	13.74	NA	NA
S-5	10/28/2002	NA	NA	NA	NA	NA	NA	NA	21.27	8.11	13.16	NA	NA
S-5	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.27	6.22	15.05	NA	NA
S-5	4/30/2003	NA	NA	NA	NA	NA	NA	NA	21.27	5.48	15.79	NA	NA
S-5	7/1/2003	NA	NA	NA	NA	NA	NA	NA	21.27	7.32	13.95	NA	NA
S-5	10/8/2003	NA	NA	NA	NA	NA	NA	NA	21.27	7.91	13.36	NA	NA
S-5	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.27	6.68	14.59	NA	NA
S-5	7/13/2004	NA	NA	NA	NA	NA	NA	NA	21.27	8.17	13.10	NA	NA
S-5	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.27	5.30	15.97	NA	NA
S-5	7/19/2005	NA	NA	NA	NA	NA	NA	NA	21.27	6.35	14.92	NA	NA
S-5	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	21.27	5.83	15.44	NA	NA
S-5	7/25/2006	NA	NA	NA	NA	NA	NA	NA	21.27	7.35	13.92	NA	NA
S-5	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.27	6.82	14.45	NA	NA
S-5	7/24/2007	NA	NA	NA	NA	NA	NA	NA	21.27	7.70	13.57	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-5	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	21.27	5.83	15.44	NA	NA
S-5	8/4/2008	NA	NA	NA	NA	NA	NA	NA	21.27	8.04	13.23	NA	NA
S-5	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.27	7.21	14.06	NA	NA
S-5	7/21/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.27	8.03	13.24	NA	NA
S-5	07/21/2009 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.27	8.03	13.24	NA	NA
S-5	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.27	7.13	14.14	NA	NA
S-5	07/22/2010 *	NA	NA	NA	NA	NA	NA	NA	21.27	7.50	13.77	NA	NA

S-6	11/16/1988	50	0.7	<1	<1	<3	NA	NA	22.02	8.58	13.44	NA	NA
S-6	2/27/1989	<50	<0.5	<1	<1	<3	NA	NA	22.02	NA	NA	NA	NA
S-6	5/4/1989	<50	<0.5	<1	<1	<3	NA	NA	22.02	NA	NA	NA	NA
S-6	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	22.02	8.54	13.48	NA	NA
S-6	10/10/1989	<50	<0.5	<1	<1	<3	NA	NA	22.02	8.58	13.44	NA	NA
S-6	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	22.02	8.31	13.71	NA	NA
S-6	4/18/1990	<50	<0.5	0.6	<0.5	1.0	NA	NA	22.02	8.43	13.59	NA	NA
S-6	7/23/1990	<50	<0.5	0.9	<0.5	1.8	NA	NA	22.02	8.24	13.78	NA	NA
S-6	10/18/1990	<50	<0.5	0.7	<0.5	0.8	NA	NA	22.02	9.20	12.82	NA	NA
S-6	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	9.10	12.92	NA	NA
S-6	4/25/1991	<50	<0.5	<0.5	<0.5	0.7	NA	NA	22.02	7.74	14.28	NA	NA
S-6	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	8.81	13.21	NA	NA
S-6	10/8/1991	<50	0.7	<0.5	<0.5	<0.5	NA	NA	22.02	9.26	12.76	NA	NA
S-6	2/2/1992	NA	NA	NA	NA	NA	NA	NA	22.02	8.47	13.55	NA	NA
S-6	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	7.91	14.11	NA	NA
S-6	7/27/1992	NA	NA	NA	NA	NA	NA	NA	22.02	8.83	13.19	NA	NA
S-6	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	9.29	12.73	NA	NA
S-6	1/13/1994	NA	NA	NA	NA	NA	NA	NA	22.02	9.43	12.59	NA	NA
S-6	4/16/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	7.12	14.90	NA	NA
S-6	7/23/1993	NA	NA	NA	NA	NA	NA	NA	22.02	8.14	13.88	NA	NA
S-6	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.02	8.75	13.27	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-6	1/27/1994	NA	NA	NA	NA	NA	NA	NA	22.02	7.87	14.15	NA	NA
S-6	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.40	7.71	13.69	NA	NA
S-6	7/26/1994	NA	NA	NA	NA	NA	NA	NA	21.40	8.10	13.30	NA	NA
S-6	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	21.40	8.04	13.36	NA	NA
S-6	1/2/1995	NA	NA	NA	NA	NA	NA	NA	21.40	7.07	14.33	NA	NA
S-6	4/14/1995	<50	<0.5	1.3	<0.5	<0.5	NA	NA	21.40	6.29	15.11	NA	NA
S-6	7/28/1995	NA	NA	NA	NA	NA	NA	NA	21.40	6.91	14.49	NA	NA
S-6	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.40	7.20	14.20	NA	NA
S-6	1/11/1996	NA	NA	NA	NA	NA	NA	NA	21.40	6.60	14.80	NA	NA
S-6	1/22/2004	Unable to locate		NA	NA	NA	NA	NA	21.40	NA	NA	NA	NA

S-7	11/16/1988	100	5.1	15	2.0	13	NA	NA	21.47	8.24	13.23	NA	NA
S-7	2/27/1989	50	0.5	3.0	1.0	11	NA	NA	21.47	NA	NA	NA	NA
S-7	5/4/1989	<50	<0.5	<1	<1	<3	NA	NA	21.47	NA	NA	NA	NA
S-7	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	21.47	8.18	13.29	NA	NA
S-7	10/10/1989	<50	<0.5	<1	<1	<3	NA	NA	21.47	8.35	13.12	NA	NA
S-7	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.47	7.95	13.52	NA	NA
S-7	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.47	8.06	13.41	NA	NA
S-7	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.89	13.58	NA	NA
S-7	10/18/1990	<50	<0.5	0.5	0.5	4.1	NA	NA	21.47	8.83	12.64	NA	NA
S-7	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.77	12.70	NA	NA
S-7	4/25/1991	60	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.25	14.22	NA	NA
S-7	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.41	13.06	NA	NA
S-7	10/8/1991	NA	NA	NA	NA	NA	NA	NA	21.47	8.95	12.52	NA	NA
S-7	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.04	13.43	NA	NA
S-7	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.95	12.52	NA	NA
S-7	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.45	14.02	NA	NA
S-7	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	8.48	12.99	NA	NA
S-7	10/26/1992	570	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	9.95	11.52	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-7	1/14/1993	56	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	5.84	15.63	NA	NA
S-7	4/16/1993	110	28	<0.5	<0.5	1.8	NA	NA	21.47	6.38	15.09	NA	NA
S-7	7/23/1993	80	0.48	<0.5	<0.5	0.8	NA	NA	21.47	7.72	13.75	NA	NA
S-7	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.79	13.68	NA	NA
S-7	1/27/1994	70a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.47	7.85	13.62	NA	NA
S-7	5/5/1994	92	2.1	<0.5	<0.5	<0.5	NA	NA	20.85	9.45	11.40	NA	NA
S-7	7/26/1994	88	<0.3	<0.3	<0.3	<0.6	NA	NA	20.85	7.64	13.21	NA	NA
S-7	10/28/1994	60	<0.3	0.5	<0.3	<0.6	NA	NA	20.85	7.68	13.17	NA	NA
S-7	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.85	6.95	13.90	NA	NA
S-7	4/14/1995	NA	NA	NA	NA	NA	NA	NA	20.85	5.82	15.03	NA	NA
S-7	7/28/1995	170	1.7	<0.5	<0.5	2.2	NA	NA	20.85	6.32	14.53	NA	NA
S-7	10/17/1995	100	<0.5	0.6	<0.5	<0.5	NA	NA	20.85	7.07	13.78	NA	NA
S-7	1/11/1996	80	0.6	<0.5	<0.5	<0.5	54	NA	20.85	6.10	14.75	NA	NA
S-7	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.85	6.14	14.71	NA	NA
S-7	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.85	6.40	14.45	NA	NA
S-7	10/10/1996	NA	NA	NA	NA	NA	NA	NA	20.85	6.70	14.15	NA	NA
S-7	1/9/1997	130	1.4	<0.50	<0.50	0.56	70	NA	20.85	5.25	15.60	NA	NA
S-7	4/8/1997	NA	NA	NA	NA	NA	NA	NA	20.85	7.15	13.70	NA	NA
S-7	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.85	6.67	14.18	NA	NA
S-7	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.85	7.26	13.59	NA	NA
S-7	1/15/1998	<50	<0.50	<0.50	<0.50	<0.50	39	NA	20.85	5.51	15.34	NA	NA
S-7	4/14/1998	NA	NA	NA	NA	NA	NA	NA	20.85	5.45	15.40	NA	NA
S-7	7/14/1998	NA	NA	NA	NA	NA	NA	NA	21.03	6.48	14.55	NA	NA
S-7	10/20/1998	NA	NA	NA	NA	NA	NA	NA	21.03	7.37	13.66	NA	NA
S-7	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	97.8	NA	21.03	6.21	14.82	NA	NA
S-7	4/8/1999	NA	NA	NA	NA	NA	NA	NA	21.03	5.30	15.73	NA	NA
S-7	7/23/1999	NA	NA	NA	NA	NA	NA	NA	21.03	7.12	13.91	NA	NA
S-7	10/26/1999	NA	NA	NA	NA	NA	NA	NA	21.03	7.54	13.49	NA	NA
S-7	1/3/2000	615	8.73	2.90	4.00	7.17	17.0	NA	21.03	7.73	13.30	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-7	4/14/2000	NA	NA	NA	NA	NA	NA	NA	21.03	6.27	14.76	NA	NA
S-7	7/12/2000	NA	NA	NA	NA	NA	NA	NA	21.03	6.97	14.06	NA	NA
S-7	11/1/2000	NA	NA	NA	NA	NA	NA	NA	21.03	6.43	14.60	NA	NA
S-7	1/3/2001	460	6.68	<0.500	0.712	0.596	10.2	NA	21.03	7.27	13.76	NA	NA
S-7	4/24/2001	NA	NA	NA	NA	NA	NA	NA	21.03	6.75	14.28	NA	NA
S-7	7/2/2001	NA	NA	NA	NA	NA	NA	NA	21.03	7.55	13.48	NA	NA
S-7	11/2/2001	NA	NA	NA	NA	NA	NA	NA	21.03	7.80	13.23	NA	NA
S-7	1/16/2002	360	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.03	6.11	14.92	NA	NA
S-7	4/1/2002	NA	NA	NA	NA	NA	NA	NA	21.03	6.54	14.49	NA	NA
S-7	7/11/2002	NA	NA	NA	NA	NA	NA	NA	21.03	7.37	13.66	NA	NA
S-7	10/28/2002	NA	NA	NA	NA	NA	NA	NA	21.01	7.97	13.04	NA	NA
S-7	1/23/2003	160	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.01	6.45	14.56	NA	NA
S-7	4/30/2003	NA	NA	NA	NA	NA	NA	NA	21.01	6.14	14.87	NA	NA
S-7	7/1/2003	NA	NA	NA	NA	NA	NA	NA	21.01	7.28	13.73	NA	NA
S-7	10/8/2003	NA	NA	NA	NA	NA	NA	NA	21.01	7.78	13.23	NA	NA
S-7	1/22/2004	140	<0.50	<0.50	0.51	<1.0	NA	NA	21.01	6.93	14.08	NA	NA
S-7	7/13/2004	150	<0.50	<0.50	<0.50	<1.0	NA	17	21.01	7.88	13.13	NA	NA
S-7	1/20/2005	200 a	<0.50	<0.50	<0.50	<1.0	NA	NA	21.01	5.68	15.33	NA	NA
S-7	7/19/2005	140 a	<0.50	<0.50	<0.50	<1.0	NA	NA	21.01	6.18	14.83	NA	NA
S-7	1/27/2006	69.8	<0.500	<0.500	<0.500	<0.500	NA	NA	21.01	6.11	14.90	NA	NA
S-7	7/25/2006	78.6	<1.00	<1.00	<1.00	<3.00	NA	NA	21.01	7.01	14.00	NA	NA
S-7	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.01	6.70	14.31	NA	NA
S-7	7/24/2007	63 g,h	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	7.54	13.47	NA	NA
S-7	1/15/2008	160 g,h	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	6.08	14.93	NA	NA
S-7	8/4/2008	72	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	7.78	13.23	NA	NA
S-7	1/8/2009	210	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	7.12	13.89	NA	NA
S-7	7/21/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	7.78	13.23	NA	NA
S-7	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	6.83	14.18	NA	NA
S-7	07/22/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.01	7.20	13.81	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-8	11/16/1988	210	5.0	<1	1.0	5.0	NA	NA	20.72	7.76	12.96	NA	NA
S-8	2/27/1989	<50	2.4	<1	<1	<3	NA	NA	20.72	NA	NA	NA	NA
S-8	5/4/1989	<50	7.5	<1	2.0	<3	NA	NA	20.72	NA	NA	NA	NA
S-8	8/10/1989	<50	0.6	<1	<1	<3	NA	NA	20.72	7.79	12.93	NA	NA
S-8	10/10/1989	<50	<0.5	<1	<1	<3	NA	NA	20.72	7.84	12.88	NA	NA
S-8	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	20.72	7.47	13.25	NA	NA
S-8	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	20.72	7.59	13.13	NA	NA
S-8	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.72	7.49	13.23	NA	NA
S-8	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.72	8.44	12.28	NA	NA
S-8	1/28/1991	<50	55	0.5	<0.5	1.4	NA	NA	20.72	8.28	12.44	NA	NA
S-8	4/25/1991	130a	19	<0.5	1.3	1.1	NA	NA	20.72	6.72	14.00	NA	NA
S-8	7/9/1991	200	33	<0.5	1.8	2.8	NA	NA	20.72	7.98	12.74	NA	NA
S-8	10/8/1991	580	95	2.2	4.9	6.5	NA	NA	20.72	8.55	12.17	NA	NA
S-8	2/5/1992	90a	18	<0.5	6.2	1.8	NA	NA	20.72	7.50	13.22	NA	NA
S-8	4/28/1992	<50	5.9	<0.5	2.5	<0.5	NA	NA	20.72	7.14	13.58	NA	NA
S-8	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.72	8.06	12.66	NA	NA
S-8	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.72	8.58	12.14	NA	NA
S-8	1/14/1993	270	74	0.9	25	5.5	NA	NA	20.72	5.32	15.40	NA	NA
S-8	4/16/1993	1100	420	<0.5	200	20	NA	NA	20.72	5.76	14.96	NA	NA
S-8	7/23/1993	160	23	<0.5	1.2	1.5	NA	NA	20.72	7.29	13.43	NA	NA
S-8	10/27/1993	420	650	0.7	11	1.7	NA	NA	20.72	7.93	12.79	NA	NA
S-8	1/27/1994	290	65	<1	6.9	2.4	NA	NA	20.72	6.31	14.41	NA	NA
S-8	5/5/1994	120	13	<0.5	<0.5	<0.5	NA	NA	20.32	6.84	13.48	NA	NA
S-8	7/26/1994	115	12.2	1.3	<0.3	2.7	NA	NA	20.32	7.42	12.90	NA	NA
S-8	10/28/1994	733	75.9	3.2	4.9	4.2	NA	NA	20.32	7.56	12.76	NA	NA
S-8	1/2/1995	290	54	<0.5	10	<0.5	NA	NA	20.32	6.19	14.13	NA	NA
S-8	4/14/1995	230	68	<0.5	10	2.4	NA	NA	20.32	5.54	14.78	NA	NA
S-8	7/28/1995	290	44	<0.5	8.0	<0.5	NA	NA	20.32	6.28	14.04	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-8	10/17/1995	190	24	<0.5	1.0	0.9	NA	NA	20.32	6.64	13.68	NA	NA
S-8	1/11/1996	400	85	1.1	13	3.4	2.3	NA	20.32	5.96	14.36	NA	NA
S-8	4/2/1996	300	110	0.7	4.9	0.9	<2	NA	20.32	5.21	15.11	NA	NA
S-8	7/9/1996	<50	5.4	<0.50	0.63	<0.50	<2.5	NA	20.32	6.05	14.27	NA	NA
S-8	10/10/1996	150	0.53	0.66	2.3	1.0	8.9	NA	20.32	6.83	13.49	NA	NA
S-8	1/9/1997	240	27	<0.50	2.4	<0.50	5.8	NA	20.32	4.51	15.81	NA	NA
S-8	4/8/1997	220	27	0.62	1.9	0.71	5.7	NA	20.32	6.50	13.82	NA	NA
S-8	7/21/1997	1200	140	2.8	21	5.0	27	NA	20.32	6.36	13.96	NA	NA
S-8 (D)	7/21/1997	1200	120	<2.0	19	3.9	25	NA	20.32	NA	NA	NA	NA
S-8	10/8/1997	690	92	1.4	25	2.0	<2.5	NA	20.32	6.83	13.49	NA	NA
S-8 (D)	10/8/1997	700	95	1.3	26	1.9	<2.5	NA	20.32	NA	NA	NA	NA
S-8	1/15/1998	460	110	1.0	3.4	1.7	<5.0	NA	20.32	4.30	16.02	NA	NA
S-8	4/14/1998	780	190	2.9	15	3.4	<2.5	NA	20.32	4.68	15.64	NA	NA
S-8	7/14/1998	1600	240	<5.0	36	<5.0	<25	NA	20.36	6.36	14.00	NA	NA
S-8	10/20/1998	700	55	<5.0	<5.0	<5.0	49	NA	20.36	6.91	13.45	NA	NA
S-8	1/22/1999	<50.0	5.83	<0.500	0.919	<0.500	<2.00	NA	20.36	5.97	14.39	NA	NA
S-8	4/8/1999	684	10.6	1.3	9.75	1.0	10.5	NA	20.36	5.01	15.35	NA	NA
S-8	7/23/1999	1540	86.5	5.20	5.30	6.35	<25.0	NA	20.36	6.61	13.75	NA	NA
S-8	10/26/1999	1680	116	<2.50	22.4	5.58	<12.5	NA	20.36	6.95	13.41	NA	NA
S-8	1/3/2000	Well inaccessible		NA	NA	NA	NA	NA	20.36	NA	NA	NA	NA
S-8	4/14/2000	Well inaccessible		NA	NA	NA	NA	NA	20.36	NA	NA	NA	NA
S-8	7/12/2000	Well inaccessible		NA	NA	NA	NA	NA	20.36	NA	NA	NA	NA
S-8	11/1/2000	2300	118	12.4	51.7	<2.50	<12.5	NA	20.36	5.68	14.68	NA	NA
S-8	1/3/2001	263	4.34	0.620	<0.500	0.643	5.40	NA	20.36	6.95	13.41	NA	NA
S-8	4/24/2001	680	12	<0.50	0.86	<0.50	NA	<0.50	20.36	6.25	14.11	NA	NA
S-8	7/2/2001	330	2.5	<0.50	0.86	<0.50	NA	<5.0	20.36	7.00	13.36	NA	NA
S-8	11/2/2001	1300	71	0.84	14	1.7	NA	<5.0	20.36	7.44	12.92	NA	NA
S-8	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.36	5.67	14.69	NA	NA
S-8	4/1/2002	330	2.2	<0.50	<0.50	<0.50	NA	<5.0	20.36	5.99	14.37	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
15275 Washington Boulevard
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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-8	7/11/2002	1400	55	0.83	5.3	0.71	NA	<5.0	20.36	6.94	13.42	NA	NA
S-8	10/28/2002	660	6.2	0.63	0.76	<0.50	NA	<0.50	20.36	7.50	12.86	NA	1.1
S-8	1/23/2003	1600	30	0.56	6.7	<0.50	NA	<5.0	20.36	5.99	14.37	NA	NA
S-8	4/30/2003	890	13	<0.50	0.59	<1.0	NA	<5.0	20.36	5.30	15.06	NA	NA
S-8	7/1/2003	1800	68	1.3	2.6	1.2	NA	<0.50	20.36	6.87	13.49	NA	1.0
S-8	10/8/2003	220	1.3	<0.50	<0.50	<1.0	NA	<0.50	20.36	7.27	13.09	NA	NA
S-8	1/22/2004	1000	6.7	<0.50	0.61	<1.0	NA	NA	20.36	6.50	13.86	NA	NA
S-8	7/13/2004	2000	100	1.7	5.7	<2.0	NA	<1.0	20.36	7.41	12.95	NA	NA
S-8	1/20/2005	380	4.3	<0.50	<0.50	<1.0	NA	NA	20.36	5.02	15.34	NA	NA
S-8	7/19/2005	120	1.2	<0.50	<0.50	<1.0	NA	NA	20.36	5.82	14.54	NA	NA
S-8	1/27/2006	494	2.42	<0.500	<0.500	<0.500	NA	NA	20.36	5.51	14.85	NA	NA
S-8	7/25/2006	382	2.05	<1.00	<1.00	<3.00	NA	NA	20.36	6.66	13.70	NA	NA
S-8	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.36	6.13	14.23	NA	NA
S-8	7/24/2007	210 g,h	1.2	<1.0	<1.0	<1.0	NA	NA	20.36	6.92	13.44	NA	NA
S-8	1/15/2008	560 g,h	5.3	<1.0	0.31 i	<1.0	NA	NA	20.36	5.32	15.04	NA	NA
S-8	8/4/2008	200	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	6.98	13.38	NA	NA
S-8	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	6.62	13.74	NA	NA
S-8	7/21/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	7.10	13.26	NA	NA
S-8	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	6.34	14.02	NA	NA
S-8	07/22/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	6.78	13.58	NA	NA

S-9	11/16/1988	1400	69	3.0	52	180	NA	NA	20.96	7.78	13.18	NA	NA
S-9	2/27/1989	1600	240	4.0	130	180	NA	NA	20.96	NA	NA	NA	NA
S-9	5/4/1989	2600	470	10	240	480	NA	NA	20.96	NA	NA	NA	NA
S-9	8/10/1989	520	73	<10	40	<30	NA	NA	20.96	7.82	13.14	NA	NA
S-9	10/10/1989	380	82	<1	46	13	NA	NA	20.96	7.87	13.09	NA	NA
S-9	1/25/1990	750	140	1.2	69	75	NA	NA	20.96	7.41	13.55	NA	NA
S-9	4/18/1990	680	150	1.7	50	37	NA	NA	20.96	7.65	13.31	NA	NA
S-9	7/23/1990	490	94	1.2	32	24	NA	NA	20.96	7.58	13.38	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-9	10/18/1990	390	140	0.7	3.3	24	NA	NA	20.96	8.46	12.50	NA	NA
S-9	1/28/1991	1040	450	4.6	85	97	NA	NA	20.96	8.29	12.67	NA	NA
S-9	4/25/1991	5800	880	9.0	360	500	NA	NA	20.96	6.09	14.87	NA	NA
S-9	7/9/1991	1400	220	2.8	82	100	NA	NA	20.96	7.82	13.14	NA	NA
S-9	10/8/1991	890	960	<2.5	16	29	NA	NA	20.96	8.55	12.41	NA	NA
S-9	2/5/1992	950	240	<2.5	28	55	NA	NA	20.96	6.96	14.00	NA	NA
S-9	4/28/1992	1400a	290	3.0	100	81	NA	NA	20.96	6.76	14.20	NA	NA
S-9	7/27/1992	890	190	<2.5	66	68	NA	NA	20.96	8.10	12.86	NA	NA
S-9	10/26/1992	650	160	<2.5	63	89	NA	NA	20.96	8.53	12.43	NA	NA
S-9	1/13/1993	19000	2400	38	1700	2200	NA	NA	20.96	6.80	14.16	NA	NA
S-9	4/16/1993	10000	1500	<5	1100	990	NA	NA	20.96	6.28	14.68	NA	NA
S-9	7/23/1993	1100	400	<5	260	160	NA	NA	20.96	7.26	13.70	NA	NA
S-9	10/27/1993	2500	400	<5	190	110	NA	NA	20.96	8.00	12.96	NA	NA
S-9	1/27/1994	4800	990	16	630	490	NA	NA	20.96	5.96	15.00	NA	NA
S-9	5/5/1994	3700	480	<5	21	120	NA	NA	20.68	6.99	13.69	NA	NA
S-9	7/26/1994	1000	124.6	<0.3	35.8	28.6	NA	NA	20.68	7.56	13.12	NA	NA
S-9	10/28/1994	979	80.3	7.0	21.7	29.2	NA	NA	20.68	7.78	12.90	NA	NA
S-9	1/2/1995	3900	540	2.4	350	150	NA	NA	20.68	6.29	14.39	NA	NA
S-9	4/14/1995	5100	1000	<10	380	230	NA	NA	20.68	5.69	14.99	NA	NA
S-9	7/28/1995	4600	680	<10	120	47	NA	NA	20.68	6.61	14.07	NA	NA
S-9	10/17/1995	1600	150	<0.5	42	15	NA	NA	20.68	7.00	13.68	NA	NA
S-9	1/11/1996	6800	1100	12	720	95	24	NA	20.68	6.20	14.48	NA	NA
S-9	4/2/1996	6000	1300	8.3	430	99	49	NA	20.68	5.19	15.49	NA	NA
S-9 (D)	4/2/1996	6500	1200	8.3	410	90	<20	NA	20.68	NA	NA	NA	NA
S-9	7/9/1996	3400	680	6.7	54	31	<25	NA	20.68	6.43	14.25	NA	NA
S-9 (D)	7/9/1996	3300	730	<5.0	58	28	<25	NA	20.68	NA	NA	NA	NA
S-9	10/10/1996	6600	1200	<10	160	<10	70	NA	20.68	7.08	13.60	NA	NA
S-9 (D)	10/10/1996	6100	1000	<10	200	15	65	NA	20.68	NA	NA	NA	NA
S-9	1/9/1997	12000	1400	<25	1000	39	<125	NA	20.68	5.03	15.65	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-9	4/8/1997	6600	920	10	230	26	150	NA	20.68	6.78	13.90	NA	NA
S-9	7/21/1997	7800	860	13	260	14	87	NA	20.68	6.77	13.91	NA	NA
S-9	10/8/1997	4600	320	<10	61	<10	28	NA	20.68	6.92	13.76	NA	NA
S-9	1/15/1998	9300	1000	<10	730	24	<50	NA	20.68	4.50	16.18	NA	NA
S-9	4/14/1998	12000	1200	<2.5	960	<2.5	<12	NA	20.68	4.35	16.33	NA	NA
S-9 (D)	4/14/1998	12000	1200	<2.5	930	<2.5	<12	NA	20.68	NA	NA	NA	NA
S-9	7/14/1998	12000	1700	<25	990	39	<125	NA	20.68	5.95	14.73	NA	NA
S-9 (D)	7/14/1998	11000	1800	<25	650	<25	<125	NA	20.68	NA	NA	NA	NA
S-9	10/20/1998	14000	1600	<25	560	<25	340	NA	20.68	7.03	13.65	NA	NA
S-9 (D)	10/20/1998	11000	1100	<10	230	<10	100	NA	20.68	NA	NA	NA	NA
S-9	1/22/1999	9900	1030	26.7	819	27.5	46.8	NA	20.68	6.01	14.67	NA	NA
S-9	4/8/1999	17900	1450	<50.0	1610	73.8	<500	NA	20.68	5.25	15.43	NA	NA
S-9	7/23/1999	12200	1020	<20.0	536	<20.0	<200	NA	20.68	6.71	13.97	NA	NA
S-9	10/26/1999	9580	1170	11.9	566	23.1	<50.0	NA	20.68	7.27	13.41	NA	NA
S-9	10/26/1999	9580	1170	11.9	566	23.1	<50.0	NA	20.68	7.27	13.41	NA	NA
S-9	1/3/2000	9660	689	<50.0	640	<50.0	<250	NA	20.68	7.47	13.21	NA	NA
S-9	4/14/2000	14000	1040	<50.0	1210	<50.0	<250	NA	20.68	5.75	14.93	NA	NA
S-9	7/12/2000	13200	1360	33.9	552	26.8	<100	NA	20.68	6.63	14.05	NA	NA
S-9	11/1/2000	9120	928	13.5	468	<10.0	<50.0	NA	20.68	5.50	15.18	NA	NA
S-9	1/3/2001	355	19.8	0.732	2.23	0.630	5.09	NA	20.68	7.11	13.57	NA	NA
S-9	4/24/2001	3500	300	1.7	150	1.7	NA	<1.0	20.68	6.30	14.38	NA	NA
S-9	7/2/2001	88	3.8	<0.50	<0.50	<0.50	NA	<5.0	20.68	8.18	12.50	NA	2.6
S-9	11/2/2001	210	9.5	<0.50	<0.50	<0.50	NA	<5.0	20.68	8.40	12.28	NA	16.4
S-9	1/16/2002	15000	520	4.9	580	7.1	NA	<20	20.68	5.71	14.97	NA	0.5
S-9	4/1/2002	15000	530	5.1	920	7.8	NA	<25	20.68	5.99	14.69	NA	3.0
S-9	7/11/2002	10000	520	5.3	97	5.8	NA	<25	20.68	6.99	13.69	NA	0.5
S-9	10/28/2002	11000	580	6.2	65	5.3	NA	<2.5	20.70	7.63	13.07	NA	1.0
S-9	1/23/2003	9300	400	5.6	320	6.5	NA	<5.0	20.70	5.96	14.74	NA	0.5
S-9	4/30/2003	180	4.2	<0.50	3.7	<1.0	NA	<5.0	20.70	5.20	15.50	NA	7.0

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-9	7/1/2003	2200	71	0.94	6.4	<1.0	NA	<0.50	20.70	7.78	12.92	NA	0.9
S-9	10/8/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.70	7.38	13.32	NA	16.2
S-9	1/22/2004	1400	26	<1.0	14	12	NA	NA	20.70	6.51	14.19	NA	0.7
S-9	7/13/2004	1900	36	<1.0	2.0	<2.0	NA	<1.0	20.70	8.51	12.19	NA	17.1
S-9	1/20/2005	3600	60	1.2	50	<2.0	NA	NA	20.70	5.80	14.90	NA	0.4
S-9	7/19/2005	2800	42	1.4	18	<2.0	NA	NA	20.70	7.50	13.20	NA	NA
S-9	1/27/2006	16800	152	4.74	165	6.77	NA	NA	20.70	6.40	14.30	NA	NA
S-9	7/25/2006	22500	79.3	2.32	27.2	<3.00	NA	NA	20.70	6.92	13.78	NA	NA
S-9	1/4/2007	5800	82	3.2	110	<5.0	NA	NA	20.70	6.40	14.30	NA	NA
S-9	7/24/2007	8900 g,h	91	3.4 i	22	<10	NA	NA	20.70	7.19	13.51	NA	NA
S-9	1/15/2008	11,000 g,h	68	3.5 i	68	4.5 i	NA	NA	20.70	5.20	15.50	NA	NA
S-9	8/4/2008	8,200	50	2.6	12	3.6	NA	NA	20.70	7.38	13.32	NA	NA
S-9	1/8/2009	9,200	40	2.4	29	1.9	NA	NA	20.70	6.73	13.97	NA	NA
S-9	7/21/2009	6,200	26	1.6	7.5	1.3	NA	NA	20.70	7.28	13.42	NA	NA
S-9	07/21/2009 *	9,600	35	2.1	9.2	1.8	NA	NA	20.70	7.28	13.42	NA	NA
S-9	01/12/2010 *	15,000	39	<5.0	26	<5.0	NA	NA	20.70	6.14	14.56	NA	NA
S-9	07/22/2010 *	7,900	21	<5.0	19	<5.0	NA	NA	20.70	6.89	13.81	NA	NA

S-10	11/16/1988	330	0.5	<1	1.0	11	NA	NA	20.86	7.91	12.95	NA	NA
S-10	2/27/1989	140	<0.5	<3	2.0	6.0	NA	NA	20.86	NA	NA	NA	NA
S-10	5/3/1989	220	<0.5	1.0	2.0	7.0	NA	NA	20.86	NA	NA	NA	NA
S-10	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	20.86	7.94	12.92	NA	NA
S-10	10/9/1989	170	<0.5	<1	<1	<3	NA	NA	20.86	7.99	12.87	NA	NA
S-10	1/25/1990	<50	<0.5	<0.5	1.1	4.0	NA	NA	20.86	7.56	13.30	NA	NA
S-10	4/18/1990	<50	<0.5	0.9	<0.5	2.0	NA	NA	20.86	7.71	13.15	NA	NA
S-10	7/23/1990	590	<0.5	<0.5	1.9	19	NA	NA	20.86	7.64	13.22	NA	NA
S-10	10/18/1990	140	<0.5	0.7	<0.5	7.0	NA	NA	20.86	8.58	12.28	NA	NA
S-10	1/28/1991	<50	<0.5	<0.5	<0.5	0.5	NA	NA	20.86	8.35	12.51	NA	NA
S-10	4/25/1991	<50	<0.5	<0.5	1.1	0.8	NA	NA	20.69	6.91	13.78	NA	NA

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Former Shell-Branded Service Station
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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-10	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.14	12.55	NA	NA
S-10	10/8/1991	140	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.70	11.99	NA	NA
S-10	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	7.57	13.12	NA	NA
S-10	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	7.20	13.49	NA	NA
S-10	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.17	12.52	NA	NA
S-10	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.68	12.01	NA	NA
S-10	1/13/1993	88	<0.5	0.6	0.6	<0.5	NA	NA	20.69	3.78	16.91	NA	NA
S-10	4/16/1993	80	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	6.46	14.23	NA	NA
S-10	7/23/1993	<50	1.5	<0.5	0.7	2.7	NA	NA	20.69	7.38	13.31	NA	NA
S-10	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.69	8.09	12.60	NA	NA
S-10	1/27/1994	270	1.1	1.3	2.0	7.4	NA	NA	20.69	5.81	14.88	NA	NA
S-10	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	6.82	13.33	NA	NA
S-10	7/26/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	20.15	7.40	12.75	NA	NA
S-10	10/28/1994	<50	2.4	<0.3	0.5	0.8	NA	NA	20.15	7.62	12.53	NA	NA
S-10	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	6.13	14.02	NA	NA
S-10	4/14/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	5.60	14.55	NA	NA
S-10	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	6.44	13.71	NA	NA
S-10	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.15	6.85	13.30	NA	NA
S-10	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	20.15	6.08	14.07	NA	NA
S-10	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.15	5.21	14.94	NA	NA
S-10	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.15	6.20	13.95	NA	NA
S-10	10/10/1996	NA	NA	NA	NA	NA	NA	NA	20.15	6.92	13.23	NA	NA
S-10	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.15	4.64	15.51	NA	NA
S-10	4/8/1997	NA	NA	NA	NA	NA	NA	NA	20.15	5.82	14.33	NA	NA
S-10	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.15	6.48	13.67	NA	NA
S-10	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.15	5.48	14.67	NA	NA
S-10	1/15/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.15	3.01	17.14	NA	NA
S-10	4/14/1998	NA	NA	NA	NA	NA	NA	NA	20.15	4.30	15.85	NA	NA
S-10	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.15	5.84	14.31	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
15275 Washington Boulevard
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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-10	10/20/1998	NA	NA	NA	NA	NA	NA	NA	20.15	6.89	13.26	NA	NA
S-10	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	20.15	6.00	14.15	NA	NA
S-10	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.15	4.41	15.74	NA	NA
S-10	7/23/1999	NA	NA	NA	NA	NA	NA	NA	20.15	6.48	13.67	NA	NA
S-10	10/26/1999	NA	NA	NA	NA	NA	NA	NA	20.15	7.07	13.08	NA	NA
S-10	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.15	7.27	12.88	NA	NA
S-10	4/14/2000	NA	NA	NA	NA	NA	NA	NA	20.15	5.75	14.40	NA	NA
S-10	7/12/2000	NA	NA	NA	NA	NA	NA	NA	20.15	6.17	13.98	NA	NA
S-10	11/1/2000	NA	NA	NA	NA	NA	NA	NA	20.15	5.63	14.52	NA	NA
S-10	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.15	6.89	13.26	NA	NA
S-10	4/24/2001	NA	NA	NA	NA	NA	NA	NA	20.15	6.20	13.95	NA	NA
S-10	7/2/2001	NA	NA	NA	NA	NA	NA	NA	20.15	6.80	13.35	NA	NA
S-10	11/2/2001	NA	NA	NA	NA	NA	NA	NA	20.15	7.40	12.75	NA	NA
S-10	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.15	5.66	14.49	NA	NA
S-10	4/1/2002	NA	NA	NA	NA	NA	NA	NA	20.15	5.63	14.52	NA	NA
S-10	7/11/2002	NA	NA	NA	NA	NA	NA	NA	20.15	6.72	13.43	NA	NA
S-10	10/28/2002	NA	NA	NA	NA	NA	NA	NA	20.14	7.50	12.64	NA	NA
S-10	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.14	5.97	14.17	NA	NA
S-10	4/30/2003	NA	NA	NA	NA	NA	NA	NA	20.14	5.24	14.90	NA	NA
S-10	7/1/2003	NA	NA	NA	NA	NA	NA	NA	20.14	6.82	13.32	NA	NA
S-10	10/8/2003	NA	NA	NA	NA	NA	NA	NA	20.14	7.06	13.08	NA	NA
S-10	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.14	6.50	13.64	NA	NA
S-10	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.14	7.49	12.65	NA	NA
S-10	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.14	5.09	15.05	NA	NA
S-10	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.14	6.00	14.14	NA	NA
S-10	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.14	5.61	14.53	NA	NA
S-10	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.14	6.61	13.53	NA	NA
S-10	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.14	6.29	13.85	NA	NA
S-10	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.14	6.82	13.32	NA	NA

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S-10	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.14	5.33	14.81	NA	NA
S-10	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.14	6.65	13.49	NA	NA
S-10	1/8/2009	120	<0.50	<1.0	<1.0	<1.0	NA	NA	20.14	6.61	13.53	NA	NA
S-10	7/21/2009	NA	NA	NA	NA	NA	NA	NA	20.14	7.06	13.08	NA	NA
S-10	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.14	6.38	13.76	NA	NA
S-10	07/22/2010 *	NA	NA	NA	NA	NA	NA	NA	20.14	6.88	13.26	NA	NA

S-11	11/16/1988	<50	<0.5	<1	<1	<3	NA	NA	21.26	8.62	12.64	NA	NA
S-11	2/27/1989	<50	<0.5	<1	<1	<3	NA	NA	21.26	NA	NA	NA	NA
S-11	5/3/1989	<50	<0.5	<1	<1	<3	NA	NA	21.26	NA	NA	NA	NA
S-11	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	21.26	8.65	12.61	NA	NA
S-11	10/9/1989	<50	<0.5	<1	<1	<3	NA	NA	21.26	8.64	12.62	NA	NA
S-11	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.26	8.43	12.83	NA	NA
S-11	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.26	8.42	12.84	NA	NA
S-11	7/23/1990	<50	<0.5	0.6	<0.5	1.1	NA	NA	21.26	8.23	13.03	NA	NA
S-11	10/18/1990	<50	<0.5	<0.5	<0.5	0.5	NA	NA	21.26	9.20	12.06	NA	NA
S-11	1/28/1991	63	<0.5	3.3	0.9	7.0	NA	NA	21.26	9.13	12.13	NA	NA
S-11	4/25/1991	<50	<0.5	<0.5	0.8	<0.5	NA	NA	21.26	7.53	13.73	NA	NA
S-11	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	8.85	12.41	NA	NA
S-11	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	9.34	11.92	NA	NA
S-11	2/5/1991	NA	NA	NA	NA	NA	NA	NA	21.26	8.50	12.76	NA	NA
S-11	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	7.80	13.46	NA	NA
S-11	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	8.80	12.46	NA	NA
S-11	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	9.42	11.84	NA	NA
S-11	1/13/1993	NA	NA	NA	NA	NA	NA	NA	21.26	6.52	14.74	NA	NA
S-11	4/16/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.26	6.86	14.40	NA	NA
S-11	7/23/1993	NA	NA	NA	NA	NA	NA	NA	21.26	8.07	13.19	NA	NA
S-11	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	21.26	NA	NA	NA	NA
S-11	1/27/1994	NA	NA	NA	NA	NA	NA	NA	21.26	NA	NA	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-11	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.24	7.73	13.51	NA	NA
S-11	7/26/1994	NA	NA	NA	NA	NA	NA	NA	21.24	8.30	12.94	NA	NA
S-11	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	21.24	8.30	12.94	NA	NA
S-11	1/2/1995	NA	NA	NA	NA	NA	NA	NA	21.24	7.25	13.99	NA	NA
S-11	4/14/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.24	6.99	14.25	NA	NA
S-11	7/28/1995	NA	NA	NA	NA	NA	NA	NA	21.24	7.21	14.03	NA	NA
S-11	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.24	7.41	13.83	NA	NA
S-11	1/11/1996	NA	NA	NA	NA	NA	NA	NA	21.24	6.80	14.44	NA	NA
S-11	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	21.24	7.28	13.96	NA	NA
S-11	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	21.27	NA	NA	NA	NA
S-11	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	0.57	21.27	7.55	13.72	NA	NA

S-12	11/16/1988	50	3.5	<1	<1	<3	NA	NA	21.05	NA	NA	NA	NA
S-12	2/27/1989	<50	0.8	<1	<1	<3	NA	NA	21.05	NA	NA	NA	NA
S-12	5/3/1989	<50	<0.5	<1	<1	<3	NA	NA	21.05	NA	NA	NA	NA
S-12	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	21.05	8.32	12.73	NA	NA
S-12	10/9/1989	<50	<0.5	<1	<1	<1	NA	NA	21.05	8.32	12.73	NA	NA
S-12	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	21.05	8.18	12.87	NA	NA
S-12	4/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.05	13.00	NA	NA
S-12	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	7.92	13.13	NA	NA
S-12	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.90	12.15	NA	NA
S-12	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.54	12.51	NA	NA
S-12	4/25/1991	90	5.4	<0.5	1.1	0.7	NA	NA	21.05	7.08	13.97	NA	NA
S-12	7/9/1991	<50	2.9	<0.5	<0.5	<0.5	NA	NA	21.05	8.42	12.63	NA	NA
S-12	10/8/1991	50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.80	12.25	NA	NA
S-12	2/5/1992	50a	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.07	12.98	NA	NA
S-12	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.33	12.72	NA	NA
S-12	7/27/1992	94	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	8.55	12.50	NA	NA
S-12	10/26/1992	86	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	9.03	12.02	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-12	1/14/1993	120	2.0	<0.5	<0.5	<0.5	NA	NA	21.05	6.38	14.67	NA	NA
S-12	4/16/1993	60	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	6.56	14.49	NA	NA
S-12	7/23/1993	90	<0.5	<0.5	<0.5	<0.5	NA	NA	21.05	7.76	13.29	NA	NA
S-12	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	21.05	NA	NA	NA	NA
S-12	1/27/1994	Well inaccessible		NA	NA	NA	NA	NA	21.05	NA	NA	NA	NA
S-12	5/5/1994	<50	2.0	<0.5	<0.5	<0.5	NA	NA	20.71	7.49	13.22	NA	NA
S-12	7/26/1994	128	<0.3	<0.3	<0.3	<0.6	NA	NA	20.71	7.92	12.79	NA	NA
S-12	10/28/1994	167	<0.3	<0.3	<0.3	<0.6	NA	NA	20.71	7.78	12.93	NA	NA
S-12	1/2/1995	50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.71	7.33	13.38	NA	NA
S-12	4/14/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.71	6.47	14.24	NA	NA
S-12	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.71	6.90	13.81	NA	NA
S-12	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.71	7.16	13.55	NA	NA
S-12	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	82	NA	20.71	6.65	14.06	NA	NA
S-12	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	45	NA	20.71	6.95	13.76	NA	NA
S-12	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	20.73	NA	NA	NA	NA
S-12	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	0.58	20.73	7.30	13.43	NA	NA

S-13	5/3/1989	150	4.9	4.0	2.0	14	NA	NA	20.57	NA	NA	NA	NA
S-13	8/10/1989	110	2.9	<1	<1	<3	NA	NA	20.57	8.00	12.57	NA	NA
S-13	10/9/1989	77	1.4	<1	<1	<3	NA	NA	20.57	7.95	12.62	NA	NA
S-13	1/25/1990	51	0.5	<0.5	<0.5	<1	NA	NA	20.57	7.79	12.78	NA	NA
S-13	4/18/1990	85	8.7	<0.5	<0.5	<1	NA	NA	20.57	7.73	12.84	NA	NA
S-13	7/23/1990	80	0.8	<0.5	<0.5	<0.5	NA	NA	20.57	7.63	12.94	NA	NA
S-13	10/18/1990	130	<0.5	<0.5	<0.5	<5	NA	NA	20.57	8.58	11.99	NA	NA
S-13	1/28/1991	<50	<0.5	0.9	1.2	1.0	NA	NA	20.57	8.39	12.18	NA	NA
S-13	4/25/1991	440a	3.8	<0.5	<0.5	0.6	NA	NA	20.57	7.00	13.57	NA	NA
S-13	7/9/1991	320a	0.6	<0.5	<0.5	<0.5	NA	NA	20.57	8.12	12.45	NA	NA
S-13	10/8/1991	310	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	8.69	11.88	NA	NA
S-13	2/5/1992	NA	NA	NA	NA	NA	NA	NA	20.57	7.62	12.95	NA	NA

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S-13	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	7.15	13.42	NA	NA
S-13	7/27/1992	NA	NA	NA	NA	NA	NA	NA	20.57	8.20	12.37	NA	NA
S-13	10/26/1992	180	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	8.73	11.84	NA	NA
S-13	1/13/1993	NA	NA	NA	NA	NA	NA	NA	20.57	5.06	15.51	NA	NA
S-13	4/16/1993	240	4.8	<0.5	1.3	<0.5	NA	NA	20.57	6.38	14.19	NA	NA
S-13	7/23/1993	NA	NA	NA	NA	NA	NA	NA	20.57	7.45	13.12	NA	NA
S-13	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
S-13	1/27/1994	NA	NA	NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
S-13	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.16	6.91	13.25	NA	NA
S-13	7/26/1994	NA	NA	NA	NA	NA	NA	NA	20.16	7.52	12.64	NA	NA
S-13	10/28/1994	368	<0.3	<0.3	<0.3	<0.6	NA	NA	20.16	7.68	12.48	NA	NA
S-13	1/2/1995	NA	NA	NA	NA	NA	NA	NA	20.16	6.37	13.79	NA	NA
S-13	4/14/1995	NA	NA	NA	NA	NA	NA	NA	20.16	5.81	14.35	NA	NA
S-13	7/28/1995	NA	NA	NA	NA	NA	NA	NA	20.16	6.73	13.43	NA	NA
S-13	10/17/1995	<50	1.0	<0.5	<0.5	<0.5	NA	NA	20.16	6.94	13.22	NA	NA
S-13	1/11/1996	NA	NA	NA	NA	NA	NA	NA	20.16	6.20	13.96	NA	NA
S-13	4/2/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	20.16	5.28	14.88	NA	NA
S-13	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.16	6.35	13.81	NA	NA
S-13	10/10/1996	<50	<0.50	<0.50	<0.50	<0.50	210	160	20.16	7.04	13.12	NA	NA
S-13	1/9/1997	NA	NA	NA	NA	NA	NA	NA	20.16	5.19	14.97	NA	NA
S-13	4/8/1997	<50	<0.50	<0.50	<0.50	<0.50	81	NA	20.16	6.62	13.54	NA	NA
S-13	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.16	6.76	13.40	NA	NA
S-13	10/8/1997	<50	<0.50	<0.50	<0.50	<0.50	110	NA	20.16	7.05	13.11	NA	NA
S-13	1/15/1998	NA	NA	NA	NA	NA	NA	NA	20.16	5.27	14.89	NA	NA
S-13	4/14/1998	<50	<0.50	<0.50	<0.50	<0.50	3.2	NA	20.16	5.24	14.92	NA	NA
S-13	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.16	5.48	14.68	NA	NA
S-13	10/20/1998	NA	NA	NA	NA	NA	NA	NA	20.16	7.08	13.08	NA	NA
S-13	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	92.2	NA	20.16	6.65	13.51	NA	NA
S-13	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.16	5.61	14.55	NA	NA

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S-13	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.16	6.78	13.38	NA	NA
S-13	10/26/1999	NA	NA	NA	NA	NA	NA	NA	20.16	7.33	12.83	NA	NA
S-13	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.16	7.51	12.65	NA	NA
S-13	4/14/2000	NA	NA	NA	NA	NA	NA	NA	20.16	6.08	14.08	NA	NA
S-13	7/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.16	6.50	13.66	NA	NA
S-13	11/1/2000	NA	NA	NA	NA	NA	NA	NA	20.16	6.10	14.06	NA	NA
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	NA	NA
S-13	4/24/2001	Well inaccessible		NA	NA	NA	NA	NA	20.16	NA	NA	NA	NA
S-13	7/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.16	7.13	13.03	NA	NA
S-13	11/2/2001	NA	NA	NA	NA	NA	NA	NA	20.16	7.38	12.78	NA	NA
S-13	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	5.9	20.16	6.02	14.14	NA	NA
S-13	4/1/2002	NA	NA	NA	NA	NA	NA	NA	20.16	6.26	13.90	NA	NA
S-13	7/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.16	7.00	13.16	NA	NA
S-13	10/28/2002	NA	NA	NA	NA	NA	NA	NA	20.19	7.70	12.49	NA	NA
S-13	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	110	20.19	6.41	13.78	NA	NA
S-13	4/30/2003	NA	NA	NA	NA	NA	NA	NA	20.19	6.12	14.07	NA	NA
S-13	7/1/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.19	7.65	12.54	NA	1.4
S-13	10/8/2003	NA	NA	NA	NA	NA	NA	NA	20.19	7.32	12.87	NA	NA
S-13	1/22/2004	<250	<2.5	<2.5	<2.5	<5.0	NA	NA	20.19	6.60	13.59	NA	NA
S-13	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.19	6.60	13.59	NA	e
S-13	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.19	6.56	13.63	NA	NA
S-13	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.19	6.15	14.04	NA	NA
S-13	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.19	6.42	13.77	NA	NA
S-13	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.19	7.51	12.68	NA	NA
S-13	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.19	6.85	13.34	NA	NA
S-13	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.19	7.39	12.80	NA	NA
S-13	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.19	6.00	14.19	NA	NA
S-13	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.19	7.46	12.73	NA	NA
S-13	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.19	6.71	13.48	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-13	7/21/2009	NA	NA	NA	NA	NA	NA	NA	20.19	7.26	12.93	NA	NA
S-13	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.19	6.25	13.94	NA	NA
S-13	07/22/2010 *	NA	NA	NA	NA	NA	NA	NA	20.19	7.01	13.18	NA	NA

S-14	5/3/1989	5300	750	400	200	800	NA	NA	20.44	NA	NA	NA	NA
S-14	8/10/1989	1800	540	140	42	50	NA	NA	20.44	7.58	12.86	NA	NA
S-14	10/9/1989	1000	360	60	20	30	NA	NA	20.44	7.62	12.82	NA	NA
S-14	1/25/1990	640	160	77	17	39	NA	NA	20.44	7.82	12.62	NA	NA
S-14	4/18/1990	1200	200	110	30	96	NA	NA	20.44	7.37	13.07	NA	NA
S-14	7/23/1990	5000	430	340	140	660	NA	NA	20.44	7.28	13.16	NA	NA
S-14	10/18/1990	1800	770	13	17	120	NA	NA	20.44	8.10	12.34	NA	NA
S-14	1/28/1991	720	200	36	21	78	NA	NA	20.44	8.04	12.40	NA	NA
S-14	4/25/1991	14000	930	430	250	970	NA	NA	20.44	6.40	14.04	NA	NA
S-14	7/9/1991	160	30	5.3	5	16	NA	NA	20.44	7.69	12.75	NA	NA
S-14	10/8/1991	5400	81	57	95	380	NA	NA	20.44	8.24	12.20	NA	NA
S-14	2/2/1992	NA	NA	NA	NA	NA	NA	NA	20.44	7.20	13.24	NA	NA
S-14	4/28/1992	2000	270	140	48	170	NA	NA	20.44	9.75	10.69	NA	NA
S-14	10/26/1992	920	33	12	25	88	NA	NA	20.44	8.32	12.12	NA	NA
S-14	1/13/1993	NA	NA	NA	NA	NA	NA	NA	20.44	5.07	15.37	NA	NA
S-14	4/16/1993	4500	1100	29	91	170	NA	NA	20.44	5.86	14.58	NA	NA
S-14	7/23/1993	NA	NA	NA	NA	NA	NA	NA	20.44	7.06	13.38	NA	NA
S-14	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	20.44	NA	NA	NA	NA
S-14	1/27/1994	NA	NA	NA	NA	NA	NA	NA	20.44	NA	NA	NA	NA
S-14	5/5/1994	810	250	<2.5	9.4	19	NA	NA	19.99	6.48	13.51	NA	NA
S-14	7/26/1994	NA	NA	NA	NA	NA	NA	NA	19.99	7.04	12.95	NA	NA
S-14	10/28/1994	5385	290.6	85.8	49.7	186.2	NA	NA	19.99	7.07	12.92	NA	NA
S-14	1/2/1995	NA	NA	NA	NA	NA	NA	NA	19.99	5.95	14.04	NA	NA
S-14	4/14/1995	1600	40	4.7	11	20	NA	NA	19.99	5.22	14.77	NA	NA
S-14	7/28/1995	NA	NA	NA	NA	NA	NA	NA	19.99	6.21	13.78	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-14	10/17/1995	1200	37	<0.5	7.8	11	NA	NA	19.99	6.30	13.69	NA	NA
S-14	1/11/1996	NA	NA	NA	NA	NA	NA	NA	19.99	5.70	14.29	NA	NA
S-14	7/21/1997	220	71	0.71	1.3	1.3	100	NA	19.99	6.14	13.85	NA	NA
S-14	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	20.01	NA	NA	NA	NA
S-14	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	55	20.01	6.20	13.81	NA	NA
S-15	5/3/1989	<50	<0.5	<1	<1	<3	NA	NA	22.22	NA	NA	NA	NA
S-15	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	22.22	8.48	13.74	NA	NA
S-15	10/9/1989	<50	<0.5	<1	<1	<3	NA	NA	22.22	8.46	13.76	NA	NA
S-15	1/25/1990	<50	<0.5	<1	<1	<1	NA	NA	22.22	8.34	13.88	NA	NA
S-15	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	22.22	8.45	13.77	NA	NA
S-15	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	8.22	14.00	NA	NA
S-15	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	9.11	13.11	NA	NA
S-15	1/28/1991	<50	<0.5	0.6	<0.5	0.8	NA	NA	22.22	9.13	13.09	NA	NA
S-15	4/25/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	7.83	14.39	NA	NA
S-15	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	8.93	13.29	NA	NA
S-15	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	9.26	12.96	NA	NA
S-15	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	8.60	13.62	NA	NA
S-15	4/28/1992	50	0.8	0.9	<0.5	1.4	NA	NA	22.22	8.09	14.13	NA	NA
S-15	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	8.83	13.39	NA	NA
S-15	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	9.31	12.91	NA	NA
S-15	1/14/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	22.22	6.64	15.58	NA	NA
S-15	4/16/1993	<50	0.6	1.0	<0.5	0.7	NA	NA	22.22	7.14	15.08	NA	NA
S-15	7/23/1993	<50	1.2	<0.5	<0.5	1.6	NA	NA	22.22	8.23	13.99	NA	NA
S-15	10/27/1993	Well inaccessible		NA	NA	NA	NA	NA	22.22	NA	NA	NA	NA
S-15	1/27/1994	Well inaccessible		NA	NA	NA	NA	NA	22.22	NA	NA	NA	NA
S-15	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.42	7.57	13.85	NA	NA
S-15	7/26/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	21.42	8.16	13.26	NA	NA
S-15	10/28/1994	<50	0.3	<0.3	<0.3	<0.6	NA	NA	21.42	7.87	13.55	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-15	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.42	7.02	14.40	NA	NA
S-15	4/14/1995	NA	NA	NA	NA	NA	NA	NA	21.42	6.19	15.23	NA	NA
S-15	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.42	6.72	14.70	NA	NA
S-15	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.42	7.04	14.38	NA	NA
S-15	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	21.42	6.40	15.02	NA	NA
S-15	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	21.47	NA	NA	NA	NA
S-15	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	21.47	7.07	14.40	NA	NA

S-16	5/4/1994	380	44	3.0	2.0	<3	NA	NA	21.82	NA	NA	NA	NA
S-16	8/10/1989	<50	0.6	<1	<1	<3	NA	NA	21.82	8.36	13.46	NA	NA
S-16	10/10/1989	<5	<0.5	<1	<1	<3	NA	NA	21.82	8.23	13.59	NA	NA
S-16	1/25/1990	240	160	3.3	0.8	11	NA	NA	21.82	7.88	13.94	NA	NA
S-16	4/18/1990	<50	1.0	<0.5	<0.5	<1	NA	NA	21.82	8.19	13.63	NA	NA
S-16	7/23/1990	<50	1.1	<0.5	<0.5	<0.5	NA	NA	21.82	8.09	13.73	NA	NA
S-16	10/18/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.82	8.90	12.92	NA	NA
S-16	1/28/1991	<50	<0.5	0.6	<0.5	0.9	NA	NA	21.82	8.55	13.27	NA	NA
S-16	4/25/1991	60	21	0.5	3.2	4.8	NA	NA	21.82	7.48	14.34	NA	NA
S-16	7/9/1991	<50	1.0	<0.5	<0.5	<0.5	NA	NA	21.82	8.48	13.34	NA	NA
S-16	10/8/1991	50	17	1.4	1.2	5.5	NA	NA	21.82	8.95	12.87	NA	NA
S-16	2/5/1992	150	65	0.7	<0.5	8.4	NA	NA	21.82	8.20	13.62	NA	NA
S-16	4/28/1992	<50	13	<0.5	<0.5	<0.5	NA	NA	21.82	7.80	14.02	NA	NA
S-16	7/27/1992	510	130	<2.5	<0.5	21	NA	NA	21.82	8.29	13.53	NA	NA
S-16	10/26/1992	<50	<0.5	<0.5	<2.5	<0.5	NA	NA	21.82	9.02	12.80	NA	NA
S-16	1/13/1993	100	25	1.9	<0.5	8.4	NA	NA	21.82	5.78	16.04	NA	NA
S-16	4/16/1993	150	56	1.8	4.6	12	NA	NA	21.82	6.80	15.02	NA	NA
S-16	7/23/1993	<50	0.9	<0.5	<0.5	<0.5	NA	NA	21.82	7.67	14.15	NA	NA
S-16	10/27/1993	<50	1.5	<0.5	<0.5	<0.5	NA	NA	21.82	8.52	13.30	NA	NA
S-16	1/27/1994	140	85	<1	<1	13	NA	NA	21.82	7.20	14.62	NA	NA
S-16	5/5/1994	71	25	<0.5	<0.5	4.2	NA	NA	21.24	7.76	13.48	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-16	7/26/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	21.24	7.84	13.40	NA	NA
S-16	10/28/1994	<50	11.5	<0.3	<0.3	1.8	NA	NA	21.24	7.97	13.27	NA	NA
S-16	1/2/1995	70	64	<0.5	<0.5	4.0	NA	NA	21.24	6.49	14.75	NA	NA
S-16	4/14/1995	NA	NA	NA	NA	NA	NA	NA	21.24	6.08	15.16	NA	NA
S-16	7/28/1995	<50	1.7	<0.5	<0.5	<0.5	NA	NA	21.24	7.00	14.24	NA	NA
S-16	10/17/1995	<50	4.6	<0.5	<0.5	<0.5	NA	NA	21.24	7.15	14.09	NA	NA
S-16	1/11/1996	80	17	0.7	<0.5	2.9	<2	NA	21.24	6.30	14.94	NA	NA
S-16	4/2/1996	NA	NA	NA	NA	NA	NA	NA	21.24	5.84	15.40	NA	NA
S-16	7/9/1996	NA	NA	NA	NA	NA	NA	NA	21.24	6.72	14.52	NA	NA
S-16	10/10/1996	NA	NA	NA	NA	NA	NA	NA	21.24	7.41	13.83	NA	NA
S-16	1/9/1997	80	18	<0.50	1.7	4.8	<2.5	NA	21.24	5.60	15.64	NA	NA
S-16	4/8/1997	NA	NA	NA	NA	NA	NA	NA	21.24	7.34	13.90	NA	NA
S-16	7/21/1997	NA	NA	NA	NA	NA	NA	NA	21.24	7.20	14.04	NA	NA
S-16	10/8/1997	NA	NA	NA	NA	NA	NA	NA	21.24	7.34	13.90	NA	NA
S-16	1/15/1998	650	160	2.7	8.7	62	<12	NA	21.24	4.79	16.45	NA	NA
S-16	4/14/1998	NA	NA	NA	NA	NA	NA	NA	21.24	5.27	15.97	NA	NA
S-16	7/14/1998	NA	NA	NA	NA	NA	NA	NA	21.24	6.32	14.92	NA	NA
S-16	10/20/1998	NA	NA	NA	NA	NA	NA	NA	21.24	6.94	14.30	NA	NA
S-16	1/22/1999	Well inaccessible		NA	NA	NA	NA	NA	21.24	NA	NA	NA	NA
S-16	4/8/1999	NA	NA	NA	NA	NA	NA	NA	21.24	5.80	15.44	NA	NA
S-16	7/23/1999	NA	NA	NA	NA	NA	NA	NA	21.24	6.62	14.62	NA	NA
S-16	10/26/1999	NA	NA	NA	NA	NA	NA	NA	21.24	7.42	13.82	NA	NA
S-16	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	21.24	7.34	13.90	NA	NA
S-16	4/14/2000	NA	NA	NA	NA	NA	NA	NA	21.24	6.27	14.97	NA	NA
S-16	7/12/2000	NA	NA	NA	NA	NA	NA	NA	21.24	7.02	14.22	NA	NA
S-16	11/1/2000	NA	NA	NA	NA	NA	NA	NA	21.24	6.79	14.45	NA	NA
S-16	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	3.05	NA	21.24	7.18	14.06	NA	NA
S-16	4/24/2001	NA	NA	NA	NA	NA	NA	NA	21.24	6.85	14.39	NA	NA
S-16	7/2/2001	NA	NA	NA	NA	NA	NA	NA	21.24	7.51	13.73	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-16	11/2/2001	NA	NA	NA	NA	NA	NA	NA	21.24	7.68	13.56	NA	NA
S-16	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.24	6.40	14.84	NA	NA
S-16	4/1/2002	NA	NA	NA	NA	NA	NA	NA	21.24	6.33	14.91	NA	NA
S-16	7/11/2002	NA	NA	NA	NA	NA	NA	NA	21.24	7.39	13.85	NA	NA
S-16	10/28/2002	NA	NA	NA	NA	NA	NA	NA	21.30	8.00	13.30	NA	NA
S-16	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	21.30	6.36	14.94	NA	NA
S-16	4/30/2003	NA	NA	NA	NA	NA	NA	NA	21.30	6.03	15.27	NA	NA
S-16	7/1/2003	NA	NA	NA	NA	NA	NA	NA	21.30	7.28	14.02	NA	NA
S-16	10/8/2003	NA	NA	NA	NA	NA	NA	NA	21.30	7.77	13.53	NA	NA
S-16	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.30	6.80	14.50	NA	NA
S-16	7/13/2004	NA	NA	NA	NA	NA	NA	NA	21.30	7.94	13.36	NA	NA
S-16	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.30	5.62	15.68	NA	NA
S-16	7/19/2005	NA	NA	NA	NA	NA	NA	NA	21.30	6.53	14.77	NA	NA
S-16	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	21.30	6.05	15.25	NA	NA
S-16	7/25/2006	NA	NA	NA	NA	NA	NA	NA	21.30	7.19	14.11	NA	NA
S-16	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	21.30	6.89	14.41	NA	NA
S-16	7/24/2007	NA	NA	NA	NA	NA	NA	NA	21.30	7.60	13.70	NA	NA
S-16	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	21.30	5.82	15.48	NA	NA
S-16	8/4/2008	NA	NA	NA	NA	NA	NA	NA	21.30	7.55	13.75	NA	NA
S-16	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.30	7.16	14.14	NA	NA
S-16	7/21/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.30	7.69	13.61	NA	NA
S-16	07/21/2009*	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.30	7.69	13.61	NA	NA
S-16	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	21.30	6.99	14.31	NA	NA
S-16	07/22/2010 *	NA	NA	NA	NA	NA	NA	NA	21.30	7.42	13.88	NA	NA
S-17	5/3/1989	<50	<0.5	<1	<1	<3	NA	NA	20.95	NA	NA	NA	NA
S-17	8/10/1989	<50	<0.5	<1	<1	<3	NA	NA	20.95	8.13	12.82	NA	NA
S-17	10/9/1989	<50	<0.5	<1	<1	<3	NA	NA	20.95	8.18	12.77	NA	NA
S-17	1/25/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	20.95	7.60	13.35	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
15275 Washington Boulevard
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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-17	4/18/1990	<50	<0.5	<0.5	<0.5	<1	NA	NA	20.95	7.95	13.00	NA	NA
S-17	7/23/1990	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	7.87	13.08	NA	NA
S-17	10/18/1990	390	10	62	22	110	NA	NA	20.95	8.71	12.24	NA	NA
S-17	1/28/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.54	12.41	NA	NA
S-17	4/25/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	7.15	13.80	NA	NA
S-17	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.24	12.71	NA	NA
S-17	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.86	12.09	NA	NA
S-17	2/5/1992	NA	NA	NA	NA	NA	NA	NA	20.95	7.74	13.21	NA	NA
S-17	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	7.41	13.54	NA	NA
S-17	7/27/1992	NA	NA	NA	NA	NA	NA	NA	20.95	8.34	12.61	NA	NA
S-17	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.87	12.08	NA	NA
S-17	1/13/1993	NA	NA	NA	NA	NA	NA	NA	20.95	3.43	17.52	NA	NA
S-17	4/16/1993	130	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	6.70	14.25	NA	NA
S-17	7/23/1993	NA	NA	NA	NA	NA	NA	NA	20.95	7.53	13.42	NA	NA
S-17	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.95	8.29	12.66	NA	NA
S-17	1/27/1994	NA	NA	NA	NA	NA	NA	NA	20.95	5.78	15.17	NA	NA
S-17	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.45	6.99	13.46	NA	NA
S-17	7/26/1994	NA	NA	NA	NA	NA	NA	NA	20.45	7.62	12.83	NA	NA
S-17	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	20.45	7.91	12.54	NA	NA
S-17	1/2/1995	NA	NA	NA	NA	NA	NA	NA	20.45	6.33	14.12	NA	NA
S-17	4/14/1995	NA	NA	NA	NA	NA	NA	NA	20.45	5.53	14.92	NA	NA
S-17	7/28/1995	NA	NA	NA	NA	NA	NA	NA	20.45	6.75	13.70	NA	NA
S-17	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.45	7.15	13.30	NA	NA
S-17	1/11/1996	NA	NA	NA	NA	NA	NA	NA	20.45	6.37	14.08	NA	NA
S-17	4/2/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	20.45	5.31	15.14	NA	NA
S-17	7/9/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.30	14.15	NA	NA
S-17	10/10/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	7.80	12.65	NA	NA
S-17	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	4.80	15.65	NA	NA
S-17	4/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.83	13.62	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-17 (D)	4/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	NA	NA	NA	NA
S-17	7/21/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.78	13.67	NA	NA
S-17	10/8/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.80	13.65	NA	NA
S-17	1/15/1998	380	<0.50	<0.50	<0.50	0.94	<2.5	NA	20.45	2.91	17.54	NA	NA
S-17	4/14/1998	160	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	4.47	15.98	NA	NA
S-17	7/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	6.45	14.00	NA	NA
S-17	10/20/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.45	7.11	13.34	NA	NA
S-17	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	20.45	6.01	14.44	NA	NA
S-17	4/8/1999	145	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.45	4.69	15.76	NA	NA
S-17	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.45	6.60	13.85	NA	NA
S-17	10/26/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	6.68	13.77	NA	NA
S-17	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	7.20	13.25	NA	NA
S-17	4/14/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	5.88	14.57	NA	NA
S-17	7/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	6.45	14.00	NA	NA
S-17	11/1/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	5.45	15.00	NA	NA
S-17	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.45	7.22	13.23	NA	NA
S-17	4/24/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	20.45	6.10	14.35	NA	NA
S-17	7/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	6.95	13.50	NA	NA
S-17	11/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	7.50	12.95	NA	NA
S-17	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	5.76	14.69	NA	NA
S-17	4/1/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	6.02	14.43	NA	NA
S-17	7/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.45	6.97	13.48	NA	NA
S-17	10/28/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	20.44	7.60	12.84	NA	0.9
S-17	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.44	5.77	14.67	NA	NA
S-17	4/30/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	20.44	5.35	15.09	NA	NA
S-17	7/1/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.44	6.95	13.49	NA	1.1
S-17	10/8/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.44	7.01	13.43	NA	NA
S-17	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.44	6.57	13.87	NA	NA
S-17	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.36 f	7.71	12.65	NA	NA

TABLE 1
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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-17	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.36 f	5.09	15.27	NA	NA
S-17	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.36	6.30	14.06	NA	NA
S-17	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.36	5.50	14.86	NA	NA
S-17	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.36	6.84	13.52	NA	NA
S-17	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.36	6.15	14.21	NA	NA
S-17	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.36	6.92	13.44	NA	NA
S-17	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	5.05	15.31	NA	NA
S-17	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.36	6.96	13.40	NA	NA
S-17	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	6.56	13.80	NA	NA
S-17	7/21/2009	NA	NA	NA	NA	NA	NA	NA	20.36	7.23	13.13	NA	NA
S-17	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.36	6.38	13.98	NA	NA
S-17	07/22/2010 *	NA	NA	NA	NA	NA	NA	NA	20.36	7.12	13.24	NA	NA

S-18	5/31/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	NA	NA	NA	NA
S-18	7/9/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.23	12.80	NA	NA
S-18	10/8/1991	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.84	12.19	NA	NA
S-18	2/5/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	7.67	13.36	NA	NA
S-18	4/28/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	7.40	13.63	NA	NA
S-18	7/27/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.38	12.65	NA	NA
S-18	10/26/1992	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.83	12.20	NA	NA
S-18	1/13/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	5.86	15.17	NA	NA
S-18	4/16/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	4.88	16.15	NA	NA
S-18	7/23/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	7.56	13.47	NA	NA
S-18	10/27/1993	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	21.03	8.30	12.73	NA	NA
S-18	1/27/1994	<50	1.9	<0.5	<0.5	<0.5	NA	NA	21.03	6.84	14.19	NA	NA
S-18	5/5/1994	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	7.05	13.52	NA	NA
S-18	7/26/1994	<500	<3	1.1	<0.3	1.8	NA	NA	20.57	7.62	12.95	NA	NA
S-18	10/28/1994	<50	<0.3	<0.3	<0.3	<0.6	NA	NA	20.57	8.01	12.56	NA	NA
S-18	1/2/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	6.26	14.31	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-18	4/14/1995	NA	NA	NA	NA	NA	NA	NA	20.57	4.85	15.72	NA	NA
S-18	7/28/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	5.80	14.77	NA	NA
S-18	10/17/1995	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	20.57	7.22	13.35	NA	NA
S-18	1/11/1996	<50	<0.5	<0.5	<0.5	<0.5	<2	NA	20.57	6.40	14.17	NA	NA
S-18	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.57	4.80	15.77	NA	NA
S-18	7/9/1996	NA	NA	NA	NA	NA	NA	NA	20.57	5.74	14.83	NA	NA
S-18	10/10/1996	NA	NA	NA	NA	NA	NA	NA	20.57	6.06	14.51	NA	NA
S-18	1/9/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.57	4.70	15.87	NA	NA
S-18	4/8/1997	NA	NA	NA	NA	NA	NA	NA	20.57	6.62	13.95	NA	NA
S-18	7/21/1997	NA	NA	NA	NA	NA	NA	NA	20.57	6.94	13.63	NA	NA
S-18	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.57	6.88	13.69	NA	NA
S-18	1/15/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.57	3.60	16.97	NA	NA
S-18	4/14/1998	NA	NA	NA	NA	NA	NA	NA	20.57	4.28	16.29	NA	NA
S-18	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.57	6.13	14.44	NA	NA
S-18	10/20/1998	NA	NA	NA	NA	NA	NA	NA	20.57	7.20	13.37	NA	NA
S-18	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	20.57	6.00	14.57	NA	NA
S-18	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.57	4.95	15.62	NA	NA
S-18	7/23/1999	NA	NA	NA	NA	NA	NA	NA	20.57	6.03	14.54	NA	NA
S-18	10/26/1999	NA	NA	NA	NA	NA	NA	NA	20.57	7.39	13.18	NA	NA
S-18	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.57	7.54	13.03	NA	NA
S-18	4/14/2000	NA	NA	NA	NA	NA	NA	NA	20.57	4.41	16.16	NA	NA
S-18	7/12/2000	NA	NA	NA	NA	NA	NA	NA	20.57	5.31	15.26	NA	NA
S-18	11/1/2000	NA	NA	NA	NA	NA	NA	NA	20.57	6.42	14.15	NA	NA
S-18	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	3.67	NA	20.57	7.30	13.27	NA	NA
S-18	4/24/2001	NA	NA	NA	NA	NA	NA	NA	20.57	6.83	13.74	NA	NA
S-18	7/2/2001	NA	NA	NA	NA	NA	NA	NA	20.57	7.23	13.34	NA	NA
S-18	11/2/2001	Unable to locate		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
S-18	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.57	6.15	14.42	NA	NA
S-18	4/1/2002	NA	NA	NA	NA	NA	NA	NA	20.57	6.06	14.51	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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S-18	7/11/2002	NA	NA	NA	NA	NA	NA	NA	20.57	6.98	13.59	NA	NA
S-18	10/28/2002	NA	NA	NA	NA	NA	NA	NA	20.63	7.66	12.97	NA	NA
S-18	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.63	6.18	14.45	NA	NA
S-18	4/30/2003	NA	NA	NA	NA	NA	NA	NA	20.63	5.32	15.31	NA	NA
S-18	7/1/2003	NA	NA	NA	NA	NA	NA	NA	20.63	7.20	13.43	NA	NA
S-18	10/8/2003	NA	NA	NA	NA	NA	NA	NA	20.63	7.48	13.15	NA	NA
S-18	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.63	6.74	13.89	NA	NA
S-18	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.63	7.87	12.76	NA	NA
S-18	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.63	5.33	15.30	NA	NA
S-18	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.63	6.55	14.08	NA	NA
S-18	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.63	5.89	14.74	NA	NA
S-18	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.63	7.10	13.53	NA	NA
S-18	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.63	6.60	14.03	NA	NA
S-18	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.63	7.13	13.50	NA	NA
S-18	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.63	5.25	15.38	NA	NA
S-18	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.63	7.85	12.78	NA	NA
S-18	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.63	6.98	13.65	NA	NA
S-18	7/21/2009	NA	NA	NA	NA	NA	NA	NA	20.63	7.43	13.20	NA	NA
S-18	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.63	6.67	13.96	NA	NA
S-18	07/22/2010 *	NA	NA	NA	NA	NA	NA	NA	20.63	7.31	13.32	NA	NA

S-19	10/20/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	20.11	6.41	13.70	NA	NA
S-19	1/22/1999	<50.0	<0.500	<0.500	<0.500	<0.500	90.6	NA	20.11	5.42	14.69	NA	NA
S-19	4/8/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.11	4.61	15.50	NA	NA
S-19	7/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	20.11	5.86	14.25	NA	NA
S-19	10/26/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	6.28	13.83	NA	NA
S-19	1/3/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	6.62	13.49	NA	NA
S-19	4/14/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	4.31	15.80	NA	NA
S-19	7/12/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	5.46	14.65	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
15275 Washington Boulevard
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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
S-19	11/1/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	20.11	5.05	15.06	NA	NA
S-19	1/3/2001	<50.0	<0.500	<0.500	<0.500	<0.500	9.61	NA	20.11	6.00	14.11	NA	NA
S-19	4/24/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	20.11	5.58	14.53	NA	NA
S-19	7/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	6.34	13.77	NA	3.4
S-19	11/2/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	6.57	13.54	NA	3.4
S-19	1/16/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	5.05	15.06	NA	0.5
S-19	4/1/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	5.13	14.98	NA	3.3
S-19	7/11/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.11	5.50	14.61	NA	0.5
S-19	10/28/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	20.10	6.35	13.75	NA	0.6
S-19	1/23/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	20.10	5.15	14.95	NA	0.3
S-19	4/30/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	20.10	4.90	15.20	NA	0.5
S-19	7/1/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.10	5.50	14.60	NA	1.7
S-19	10/8/2003	58	<0.50	<0.50	<0.50	<1.0	NA	<0.50	20.10	6.63	13.47	NA	0.4
S-19	1/22/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.10	5.67	14.43	NA	0.6
S-19	7/13/2004	NA	NA	NA	NA	NA	NA	NA	20.10	6.82	13.28	NA	1.0
S-19	1/20/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.10	4.75	15.35	NA	0.6
S-19	7/19/2005	NA	NA	NA	NA	NA	NA	NA	20.10	5.15	14.95	NA	NA
S-19	1/27/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	NA	20.10	4.85	15.25	NA	NA
S-19	7/25/2006	NA	NA	NA	NA	NA	NA	NA	20.10	6.14	13.96	NA	NA
S-19	1/4/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	20.10	5.75	14.35	NA	NA
S-19	7/24/2007	NA	NA	NA	NA	NA	NA	NA	20.10	6.39	13.71	NA	NA
S-19	1/15/2008	<50 g	<0.50	<1.0	<1.0	<1.0	NA	NA	20.10	4.72	15.38	NA	NA
S-19	8/4/2008	NA	NA	NA	NA	NA	NA	NA	20.10	6.43	13.67	NA	NA
S-19	1/8/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.10	6.18	13.92	NA	NA
S-19	7/21/2009	NA	NA	NA	NA	NA	NA	NA	20.10	6.67	13.43	NA	NA
S-19	01/12/2010 *	<50	<0.50	<1.0	<1.0	<1.0	NA	NA	20.10	6.14	13.96	NA	NA
S-19	07/22/2010 *	NA	NA	NA	NA	NA	NA	NA	20.10	5.73	14.37	NA	NA
SR-1	3/22/1989	5400	1100	230	350	1300	NA	NA	21.45	NA	NA	NA	NA

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
15275 Washington Boulevard
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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
SR-1	1/25/1990	2200	470	120	110	510	NA	NA	21.45	7.53	13.92	NA	NA
SR-1	4/18/1990	1000	130	47	47	220	NA	NA	21.45	8.17	13.28	NA	NA
SR-1	7/23/1990	3200	470	320	170	870	NA	NA	21.45	7.58	13.87	NA	NA
SR-1	10/18/1990	1300	280	6.6	110	130	NA	NA	21.45	8.81	12.64	NA	NA
SR-1	1/28/1991	110	120	12	51	110	NA	NA	21.45	8.37	13.08	NA	NA
SR-1	4/25/1991	NA	NA	NA	NA	NA	NA	NA	21.45	6.91	14.54	NA	NA
SR-1	7/9/1991	1400	200	27	130	340	NA	NA	21.45	8.11	13.34	NA	NA
SR-1	10/8/1991	980	79	1.5	44	52	NA	NA	21.45	8.63	12.82	NA	NA
SR-1	2/5/1991	3800	580	36	320	400	NA	NA	21.45	7.68	13.77	NA	NA
SR-1	4/28/1992	38000	1800	460	1900	750	NA	NA	21.45	7.27	14.18	NA	NA
SR-1	7/27/1992	NA	NA	NA	NA	NA	NA	NA	21.45	8.11	13.34	0.01	NA
SR-1	10/26/1992	1800	370	10	130	130	NA	NA	21.45	8.63	12.82	NA	NA
SR-1	1/13/1993	47000	1000	1100	1700	13000	NA	NA	21.45	5.46	15.99	NA	NA
SR-1	4/16/1993	25000	1700	430	2400	8300	NA	NA	21.45	6.28	15.17	NA	NA
SR-1	7/23/1993	33000	2400	2000	3800	14000	NA	NA	21.45	7.34	14.11	NA	NA
SR-1	10/27/1993	2300	340	<12.5	270	440	NA	NA	21.45	8.04	13.41	NA	NA
SR-1	1/27/1994	36000	2000	1700	3000	11000	NA	NA	21.45	6.68	14.77	NA	NA
SR-1	5/5/1994	43000	1500	130	2900	12000	NA	NA	20.57	6.81	13.76	NA	NA
SR-1	7/26/1994	13600	682.7	39.2	996.6	2516	NA	NA	20.57	7.38	13.19	NA	NA
SR-1	10/28/1994	8462	301.5	29.3	384.7	2019	NA	NA	20.57	7.48	13.09	NA	NA
SR-1	1/2/1995	13000	400	120	2500	10000	NA	NA	20.57	6.34	14.23	NA	NA
SR-1	4/14/1995	43000	690	370	2500	12000	NA	NA	20.57	5.29	15.28	NA	NA
SR-1	7/28/1995	35000	760	120	2300	8100	NA	NA	20.57	6.36	14.21	NA	NA
SR-1	10/17/1995	9700	310	12	610	1200	NA	NA	20.57	6.62	13.95	NA	NA
SR-1 (D)	10/17/1995	8300	230	9.6	680	840	NA	NA	20.57	NA	NA	NA	NA
SR-1	1/11/1996	18000	410	170	1200	4400	42	NA	20.57	5.66	14.91	NA	NA
SR-1 (D)	1/11/1996	17000	420	180	1100	4000	42	NA	20.57	NA	NA	NA	NA
SR-1	4/2/1996	NA	NA	NA	NA	NA	NA	NA	20.57	5.14	15.43	NA	NA
SR-1	7/9/1996	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA

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SR-1	10/10/1996	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	1/9/1997	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	4/8/1997	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	7/21/1997	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	10/8/1997	NA	NA	NA	NA	NA	NA	NA	20.57	6.94	13.63	NA	NA
SR-1	1/15/1998	8100	82	<25	36	2300	<125	NA	20.57	4.30	16.27	NA	NA
SR-1	4/14/1998	Well inaccessible		NA	NA	NA	NA	NA	20.57	NA	NA	NA	NA
SR-1	7/14/1998	NA	NA	NA	NA	NA	NA	NA	20.28	6.48	13.80	NA	NA
SR-1	10/20/1998	NA	NA	NA	NA	NA	NA	NA	20.28	6.61	13.67	NA	NA
SR-1	1/22/1999	Well inaccessible		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	4/8/1999	NA	NA	NA	NA	NA	NA	NA	20.28	0.97	19.31	NA	NA
SR-1	7/23/1999	Well dry		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	10/26/1999	Well dry		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	4/14/2000	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	7/12/2000	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	11/1/2000	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	1/3/2001	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	4/24/2001	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	7/2/2001	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	11/2/2001	Well dry	NA	NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	1/16/2002	Well dry	NA	NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	4/1/2002	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	7/11/2002	Obstruction in well		NA	NA	NA	NA	NA	20.28	NA	NA	NA	NA
SR-1	10/28/2002	Obstruction in well		NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA
SR-1	1/23/2003	Obstruction in well		NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA
SR-1	4/30/2003	Obstruction in well		NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA
SR-1	7/1/2003	Obstruction in well		NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA
SR-1	10/8/2003	Well dry	NA	NA	NA	NA	NA	NA	20.27	NA	NA	NA	NA

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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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
SV-1	04/15/1998 b	NA	NA	NA	NA	NA	NA	NA	NA	6.02	NA	NA	NA
SV-1	04/15/1998 c	NA	NA	NA	NA	NA	NA	NA	NA	7.15	NA	NA	NA
SV-1	03/18/2002 d	NA	NA	NA	NA	NA	NA	NA	21.31	NA	NA	NA	NA
SV-1	1/22/2004	3000	15	<2.5	34	11	NA	<2.5	21.31	6.67	14.64	NA	NA

Abbreviations:

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

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

<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).

TABLE 1
HISTORIC WELL CONCENTRATIONS
Former Shell-Branded Service Station
15275 Washington Boulevard
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 (feet)	GW Elevation (MSL)	SPH Thickness (feet)	DO Reading (ppm)
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Notes (cont.):

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
REGULATORY CORRESPONDENCE

Suzanne McClurkin-Nelson

From: Wickham, Jerry, Env. Health [jerry.wickham@acgov.org]
Sent: Friday, August 28, 2009 1:39 PM
To: Suzanne McClurkin-Nelson
Cc: denis.l.brown@shell.com; Regina Bussard
Subject: RE: 15275 Washington, San Leandro; CoOp Monitoring Data for BP 601 San Leandro

Attachments: image001.gif



image001.gif (2 KB)

Hi Suzanne:

Yes, that would make the data more available for interpretation. Thanks for proposing this.

Regards,
Jerry Wickham
Alameda County Environmental Health

From: Suzanne McClurkin-Nelson [SMcClurkin-Nelson@deltaenv.com]
Sent: Friday, August 28, 2009 12:24 PM
To: Wickham, Jerry, Env. Health
Cc: Suzanne McClurkin-Nelson; denis.l.brown@shell.com; Regina Bussard
Subject: 15275 Washington, San Leandro; CoOp Monitoring Data for BP 601 San Leandro

Hi Jerry;

Paresh Khatri of ACEH had requested that BP arrange for joint monitoring with our site (referenced above) in 3Q09. I wanted to check with you to see if you would like us to include data in our reports for the BP station across the street (712 Lewelling)? Thanks.

Suzanne McClurkin-Nelson | Senior Project Manager | Global Oil & Gas Business Group Delta Consultants, an Oranjewoud N.V. Company Direct +1 408 826 1875 | Mobile +1 408 796 8889 | Alternate +1 408 582 4422 smcclurkin-nelson@deltaenv.com<mailto:smcclurkin-nelson@deltaenv.com> | www.deltaenv.com<http://www.deltaenv.com/>
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From: Tom Venus [mailto:tvenus@broadbentinc.com]
Sent: Friday, August 28, 2009 10:02 AM
To: Suzanne McClurkin-Nelson
Subject: CoOp Monitoring Data for BP 601 San Leandro

Hello Suzanne,

It was nice to speak with you again this morning. Attached are our tables of 3Q09 monitoring/sampling results from Former BP Sta.601, located at 712 Lewelling Blvd, San Leandro, CA. This site is located immediately south across Lewelling Blvd from your Former Shell Sta.129460 at 15275 Washington Blvd.

As you may recall, Alameda County Environmental Health Services has requested that we

attempt coordinated monitoring of our two sites beginning in 3Q09. Our sampling contractors successfully coordinated with Michael Ninokata of Blaine Tech Services to conduct coordinated monitoring on 7/21/2009. Please forward your tabulated data when available.

Should you have any questions, please contact me at your earliest convenience.

With regards,
Tom Venus, PE
Senior Engineer
Broadbent & Associates, Inc.
[cid:image001.gif@01CA27C4.69373720]

1324 Mangrove Ave.#212 • Chico, CA 95926 phone (530) 566-1400 • fax (530) 566-1401
tvenus@broadbentinc.com<mailto:tvenus@broadbentinc.com>

□

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Acting Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

November 3, 2009

RECEIVED
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BY: APLCO

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Mr. Frank Salel
Salel Enterprises
P.O. Box 5099
Oakland, CA 94605

Subject: Fuel Leak Case No. RO0000372 and Geotracker Global ID T0600101226, Shell#129460, 15275 Washington Avenue, San Leandro, CA 94579

Dear Mr. Brown and Mr. Salel:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recent report entitled, "2009 Off-site Soil Vapor Investigation Report," dated October 16, 2009, prepared on Shell's behalf by Delta Consultants, Inc. (Report). The Report presents the results from soil vapor sampling in an off-site area to evaluate the potential for vapor intrusion. TPHg was detected in 15 of the 18 soil vapor samples collected and benzene was detected in four soil vapor samples. The tracer gas 1,1-difluoroethane, was detected in all soil vapor samples at concentrations ranging from 28 to 4,800,000 micrograms per cubic meter.

Based on the detections of tracer gas, the Report recommends a repeated sampling event using fixed soil vapor sampling probes. The proposed locations and the use of fixed sampling probes are acceptable. The probes are to be constructed in accordance with the requirements in the joint DTSC and Los Angeles Regional Water Quality Control Board Advisory - Active Soil Gas Investigations (2003) and must be constructed such that each discrete vertical sampling interval is isolated from the surface and other sampling intervals.

We have also reviewed the recent report entitled, "Third Quarter 2009 Semi-Annual Groundwater Monitoring Report," dated October 28, 2009. The "Third Quarter 2009 Semi-Annual Groundwater Monitoring Report," dated October 28, 2009 recommends that prior to sampling, all monitoring wells be purged of three casing volumes with stabilization of water quality parameters before sample collection. We concur with this recommendation for future groundwater sampling at the site.

We request that you perform the proposed work and send us the reports described below.

Responsible Parties
RO0000372
November 3, 2009
Page 2

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- November 19, 2009 – SVE Pilot Report
- February 16, 2010 – Soil Vapor Sampling Report
- April 9, 2010 – Semi-Annual Groundwater Monitoring Report – First Quarter 2010
- October 8, 2010 – Semi-Annual Groundwater Monitoring Report – Third Quarter 2010

These reports are being requested pursuant to California Health and Safety Code Section 25296.10, 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements ([http://www.swrcb.ca.gov/ust/cleanup/electronic reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic%20reporting)).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

Responsible Parties
RO0000372
November 3, 2009
Page 3

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

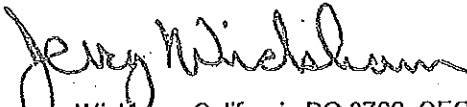
The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at 510-567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,



Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Suzanne McClurkin-Nelson, Delta Environmental, 312 Piercy Road, San Jose, CA 95138

Regina Bussard, Delta Environmental, 312 Piercy Road, San Jose, CA 95138

Donna Drogos, ACEH
Jerry Wickham, ACEH
Geotracker, File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

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RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in Excel format. These are for use by assigned Caseworker only.

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 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
 - Or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of My Le Huynh.
 - b) In the subject line of your request, be sure to include "ftp PASSWORD REQUEST" and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**
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 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
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ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

January 4, 2010

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Mr. Frank Salel
Salel Enterprises
P.O. Box 5099
Oakland, CA 94605

Subject: Fuel Leak Case No. RO0000372 and Geotracker Global ID T0600101226, Shell#129460, 15275 Washington Avenue, San Leandro, CA 94579 – Review of Pilot Test Report

Dear Mr. Brown and Mr. Salel:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recent report entitled, "*Soil Vapor Extraction Pilot Test Report*," dated November 19, 2009, prepared on Shell's behalf by Delta Consultants, Inc. (Report). The Report presents the results from a soil vapor extraction (SVE) pilot test consisting of a step test and extended test. SVE was conducted using horizontal wells installed in trenches that were excavated to a depth of approximately 5 feet bgs. The pilot test results indicate that SVE may be effective at the site; however, inlet concentrations dropped during the test and there was evidence of air from the surface being drawn into the system during the extended test.

The "*Soil Vapor Extraction Pilot Test Report*," dated November 19, 2009 recommends file review and field activities to locate the remaining source materials at the site. We request that you review site conditions and submit a Work Plan for investigation of the source area no later than March 5, 2010.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **February 16, 2010** – Soil Vapor Sampling Report
- **March 5, 2010** – Work Plan
- **April 9, 2010** – Semi-Annual Groundwater Monitoring Report – First Quarter 2010
- **October 8, 2010** – Semi-Annual Groundwater Monitoring Report – Third Quarter 2010

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible

Responsible Parties
RO0000372
January 4, 2010
Page 2

party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement:

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Responsible Parties
RO0000372
January 4, 2010
Page 3

If you have any questions, please call me at 510-567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Suzanne McClurkin-Nelson, Delta Environmental Consultants, Inc., 312 Piercy Road, San Jose, CA 95138 (Sent via E-mail to: SMcClurkin-Nelson@deltaenv.com)

Donna Drogos, ACEH (Sent via E-mail to: donna.drogos@acgov.org)
Jerry Wickham, ACEH

Geotracker, File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

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- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
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Suzanne McClurkin-Nelson

From: Wickham, Jerry, Env. Health [jerry.wickham@acgov.org]
Sent: Wednesday, January 20, 2010 8:26 AM
To: Suzanne McClurkin-Nelson
Cc: Regina Bussard; denis.l.brown@shell.com; Scott Pearson
Subject: ROE: 15275 Washington, San Leandro - Request deadline extension

Hi Suzanne,

I concur in delaying the sampling until conditions return to more normal in order to collect representative data. In order to allow for possible continued rainfall and delays in sampling, the schedule for report submittal for the above referenced case is extended to April 19, 2010.

Regards,
Jerry Wickham
Alameda County Environmental Health

From: Suzanne McClurkin-Nelson [SMcClurkin-Nelson@deltaenv.com]
Sent: Tuesday, January 19, 2010 6:30 PM
To: Wickham, Jerry, Env. Health
Cc: Suzanne McClurkin-Nelson; Regina Bussard; denis.l.brown@shell.com; Scott Pearson
Subject: 15275 Washington, San Leandro - Request deadline extension

Hello Jerry;

Delta has installed nine vapor wells as was recommended in our 2009 Offsite Soil Vapor Gas Investigation Report dated October 16, 2009. The wells were completed December 28 and 29, 2009; however, we were unable to schedule sampling of the wells prior to the current storm system traveling through California. Based on DTSC guidance, for any rainfall equal or greater to 0.5 inch, we must delay sampling a minimum of 5 days following cessation of rainfall. This storm is currently projected to last at least through Saturday based on the current 5-day forecast. We will try to schedule a tentative sampling event at the end of January or early February, but we will not be able to get analytical data back and complete a vapor sampling report by February 16, 2010 as has been requested due to the postponement of sampling.

We request an extension to the report deadline of approximately 30 days, or March 19, 2010; please let us know if that is acceptable.

Thanks!

Suzanne McClurkin-Nelson | Senior Project Manager | North American Operations Delta
Consultants, an Oranjewoud N.V. Company Direct +1 408 826 1875 | Mobile +1 408 796 8889 |
Alternate +1 408 582 4422 smcclurkin-nelson@deltaenv.com<mailto:smcclurkin-
nelson@deltaenv.com> | www.deltaenv.com<http://www.deltaenv.com/>
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it. Thank you.



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

April 12, 2010

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Mr. Frank Salel
Salel Enterprises
P.O. Box 5099
Oakland, CA 94605

Subject: Fuel Leak Case No. RO0000372 and Geotracker Global ID T0600101226, Shell#129460, 15275 Washington Avenue, San Leandro, CA 94579 – Conditional Work Plan Approval

Dear Mr. Brown and Mr. Salel:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recent report entitled, "*Work Plan to Verify Extent of Impacted Soil*," dated February 26, 2010, prepared on Shell's behalf by Delta Consultants, Inc. (Work Plan). The Work Plan proposes advancing 14 soil borings in the area surrounding the former tank pit to assess the extent of impacted soil.

The scope of work is conditionally approved and may be implemented provided that the technical comment below is incorporated during the proposed activities. Submittal of a revised Work Plan or Work Plan Addendum is not required unless an alternate scope of work outside that described in the Work Plan and technical comment below is proposed. We request that you address the following technical comment, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Soil Analyses.** In addition to the proposed laboratory analysis, we request that soil samples from proposed boring SB-1 and SB10 be analyzed for Total Petroleum Hydrocarbons (TPH) as diesel and TPH as motor oil using EPA Method 8015. Please present these results along with recommendations regarding future actions in the Site Investigation Report requested below.

Responsible Parties
RO0000372
April 12, 2010
Page 2

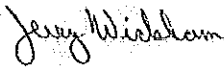
TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **April 19, 2010** – Soil Vapor Sampling Report
- **August 12, 2010** – Site Investigation Report
- **October 8, 2010** – Semi-Annual Groundwater Monitoring Report – Third Quarter 2010

Thank you for your cooperation. If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,



Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o, ou,
email=jerry.wickham@acgov.org, c=US
Date: 2010.04.13 10:15:47 -0700

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Attachment: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Suzanne McClurkin-Nelson, Delta Environmental Consultants, Inc., 312 Piercy Road, San Jose, CA 95138 (Sent via E-mail to: SMcClurkin-Nelson@deltaenv.com)

Donna Drogos, ACEH (Sent via E-mail to: donna.drogos@acgov.org)
Jerry Wickham, ACEH

Geotracker, File

Attachment 1
Responsible Party(ies) Legal Requirements/Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

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PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

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RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

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- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
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 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
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ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

September 13, 2010

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Mr. Frank Salel
Salel Enterprises
P.O. Box 5099
Oakland, CA 94605

Subject: Fuel Leak Case No. RO0000372 and Geotracker Global ID T0600101226, Shell#129460, 15275 Washington Avenue, San Leandro, CA 94579 – Review of Site Assessment Report

Dear Mr. Brown and Mr. Salel:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recent report entitled, "2010 Soil Assessment Report," dated August 11, 2010 (Report). The Report, which was prepared on Shell's behalf by Delta Consultants, Inc., presents the results from 14 soil borings advanced both on and off site to define the horizontal and vertical extent of contamination. The soil boring data indicate that the primary areas of impacted soil are on-site soils immediately down- and cross-gradient of the former dispenser island in the northern portion of the site and off-site soils west and southwest of the former dispensers and underground storage tanks.

Based on these results, the Report recommends a second round of soil gas sampling to ensure that seasonal variations are taken into account and to obtain data from a deeper set of probes. A risk analysis is proposed to assess the significance of the detected vapor concentrations. Conducting a second round of soil gas sampling utilizing previously established sampling methods is acceptable. Please assure that all soil gas samples are analyzed for oxygen, carbon dioxide, and methane using EPA Method 1946-D in addition to petroleum hydrocarbons. During the March 2010 sampling event, we note that the reporting limits for benzene, toluene, ethylbenzene, and xylenes (BTEX) were elevated for several samples due to dilution due for non-target hydrocarbons. Since the BTEX compounds are the specific compounds for which toxicity values are available, we recommend that you review the proposed analytical methods to assess whether the reporting limits can be improved in order to improve the results of a risk analysis.

Responsible Parties
RO0000372
September 13, 2010
Page 2

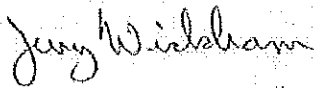
TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **October 8, 2010** – Semi-Annual Groundwater Monitoring Report – Third Quarter 2010
- **January 13, 2011** – Soil Vapor Sampling Report

Thank you for your cooperation. If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

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Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o=Alameda County
Environmental Health, ou,
email=jerry.wickham@acgov.org, c=US
Date: 2010.09.14 09:16:23 -0700'

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ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
Or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of My Le Huynh.
 - b) In the subject line of your request, be sure to include "**ftp PASSWORD REQUEST**" and in the body of your request, include the **Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.**
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO# use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

Suzanne McClurkin-Nelson

From: Wickham, Jerry, Env. Health [jerry.wickham@acgov.org]
Sent: Tuesday, September 14, 2010 5:39 PM
To: Suzanne McClurkin-Nelson
Cc: denis.l.brown@shell.com; Abhik Dutta; Regina Bussard
Subject: RE: ACEH Correspondence for RO372 (15275 Washington, San Leandro)

Hi Suzanne,

Your proposal to analyze fixed gases for only the sample locations with multiple vertical samples is acceptable. Collection of additional samples for fixed gases from the four single sample points indicated below does not appear to be warranted.

Regards,
 Jerry Wickham
 Alameda County Environmental Health
 1131 Harbor Bay Parkway
 Alameda, CA 94502-6577
 phone: 510-567-6791
 jerry.wickham@acgov.org

From: Suzanne McClurkin-Nelson [mailto:SMcClurkin-Nelson@deltaenv.com]
Sent: Tuesday, September 14, 2010 4:00 PM
To: Wickham, Jerry, Env. Health
Cc: Suzanne McClurkin-Nelson; denis.l.brown@shell.com; Abhik Dutta; Regina Bussard
Subject: RE: ACEH Correspondence for RO372 (15275 Washington, San Leandro)
Importance: High

Hi Jerry; We actually collected soil gas samples last Thursday (9/9/10) at the site referenced above. Unfortunately, we were able to collect a complete sample set (with probes set at three sample depths) at only two of the nine well locations (offsite wells SVG-8 and SVG-9), and were able to collect samples from two of the three probe depths at three well locations (onsite well SVG-2 and offsite wells SVG-5 and SVG-6). We were able to collect complete samples from only the shallowest probes (3-3.5 feet bgs) from two onsite wells (SVG-1 and SVG-3) and two offsite wells (SVG-4 and SVG-7) (see attached site map). Wells from which we were not able to collect deeper samples either had standing water in the well or condensation which collected in the tubing and Tedlar bags, rendering the soil gas sample unusable.

Out of the 16 samples collected, we requested fixed gases oxygen and carbon dioxide for all wells from which we were able to collect samples from at least two sample depths, which translated into 75% of the samples. We did not request those additional analytes for the wells from which we were able to collect only a single sample point, as we were interested in looking at the vertical distribution of those gases. I was able to contact the laboratory today and request that they add methane to our fixed gas analyses, however.

Please let me know if you find our current data set acceptable; in order to run the specified fixed gas analyses on the additional four samples which represent only a single data point, we would either have to run the analyses out of hold (assuming there is sufficient media left) or go back to the site and collect fresh samples from those four sample points. If you feel we have a sufficient sample set with what has been collected, we focus our fixed gas evaluation to the samples already collected and submitted. Let me know what you think - thanks!

Suzanne McClurkin-Nelson | Consultant | North American Operations
Delta Consultants, an Oranjewoud N.V. Company
 Direct +1 408 826 1875 | Mobile +1 408 796 8889 | Alternate +1 408 582 4422
smcclurkin-nelson@deltaenv.com | www.deltaenv.com

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Confidentiality Notice: If you are not the intended recipient of this email, please delete it. Thank you.

9/15/2010

From: dehloptoxic, Env. Health [mailto:deh.loptoxic@acgov.org]
Sent: Tuesday, September 14, 2010 11:13 AM
To: Suzanne McClurkin-Nelson
Cc: Drogos, Donna, Env. Health
Subject: ACEH Correspondence for RO372

Dear Interested Parties,

Attached is Alameda County Environmental Health's (ACEH) correspondence for your case, RO0000372.

Please add our e-mail address to your address book to prevent future e-mails from being filtered as spam.

Sincerely,

ACEH

Enviro-Tech Services Company
Aged Receivables
As of Sep 1, 2010

Filter Criteria includes: 1) IDs: Multiple IDs; 2) Includes Drop Shipments. Report order is by ID. Report is printed in Detail Format.

Customer ID Customer Contact Telephone 1	Invoice/CM #	0-30	31-60	61-90	Over 90 days	Amount Due
DELTA-OR2 Delta Consultants Raquel Serrano (AP) 503-639-8098 - Main	61629 63022 63353		1,238.66	301.40	480.00	480.00 301.40 1,238.66
DELTA-OR2 Delta Consultants			1,238.66	301.40	480.00	2,020.06
DELTA-RC Delta Environmental Cons Sandy Hayes (AP) 916.638.2085	<u>62665</u> * Do not have 63326 63343 63463 63525 63885 63886 63912 64061		261.00 112.01 295.34 87.00 44.15 217.50 247.95 247.95		846.43	846.43 261.00 112.01 295.34 87.00 44.15 217.50 247.95 247.95
DELTA-RC Delta Environmental Co		767.55	755.35		846.43	2,359.33
DELTA-SJ Delta Environmental Cons Yvette Pico (AP) 408-224-4724	<u>61388</u> * Do not have 63313 63903		98.33	135.19	109.25	109.25 135.19 98.33
DELTA-SJ Delta Environmental Co		98.33	135.19		109.25	342.77
Report Total		855.88	2,129.20	301.40	1,435.68	4,722.16

APPENDIX B
BLAINE TECH SERVICES, INC.
FIELD DATA SHEETS

WELL GAUGING DATA

Project # 100722-BP2 Date 7/22/10 Client Shell

Site 15275 Washington Ave San Leandro

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 <u>TOG</u>	Notes	
S-1	1001	3					7.47	19.69			
- S-3	0934	2					7.29	20.82			
S-5	0957	4					7.50	17.94			
- S-7	0925	3					7.20	23.73			
- S-8	0929	3					6.78	23.84			
- S-9	0938	3					6.89	17.52			
S-10	0945	3					6.88	17.66			
S-13	1025	3					7.01	23.16			
S-16	1006	3					7.42	23.29			
S-17	0949	3					7.12	23.72			
S-18	0953	3					7.31	17.58			
S-19	0941	2					5.73	20.12		▼	

SHELL WELL MONITORING DATA SHEET

BTS #: <u>100722-BP2</u>	Site: <u>15275 Washington Ave San Leandro</u>
Sampler: <u>BD</u>	Date: <u>7/22/10</u>
Well I.D.: <u>S-3</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth (TD): <u>20.82</u>	Depth to Water (DTW): <u>7.29</u>
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]: <u>9.99</u>	

Purge Method: <u>(Bailer)</u>	Waters: _____	Sampling Method: <u>(Bailer)</u>
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	Extraction Pump	Extraction Port
Electric Submersible	Other: _____	Dedicated Tubing

WC: <u>13.53</u>	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">Well Diameter</th> <th style="text-align: left;">Multiplier</th> <th style="text-align: left;">Well Diameter</th> <th style="text-align: left;">Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td><u>(0.16)</u></td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	<u>(0.16)</u>	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	<u>(0.16)</u>	6"	1.47														
3"	0.37	Other	radius ² * 0.163														
$\frac{2.2 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = \frac{6.6 \text{ Gals.}}{\text{Specified Volumes}} = \text{Calculated Volume}$																	

Time	Temp (°F)	pH	Cond. (mS or <u>(µS)</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1126</u>	<u>69.8</u>	<u>7.30</u>	<u>1253</u>	<u>36</u>	<u>2.2</u>	
<u>1129</u>	<u>68.4</u>	<u>7.17</u>	<u>1243</u>	<u>17</u>	<u>4.4</u>	
<u>1133</u>	<u>67.5</u>	<u>7.16</u>	<u>1247</u>	<u>6</u>	<u>6.6</u>	

Did well dewater? Yes (No) Gallons actually evacuated: 6.6

Sampling Date: 7/22/10 Sampling Time: 1136 Depth to Water: 8.59

Sample I.D.: S-3 Laboratory: STL Other: (Cal Science)

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

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

Analyzed for: TPH-G BTEX MTBE TPH-D 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 SITE INSPECTION CHECKLIST

Client Shell Date 7/7/10

Site Address 15275 Washington Ave San Leandro

Job Number 100707-BW1 Technician BW

Site Status _____ Branded Station _____ Vacant Lot _____ Other Big-O Times

- Inspected / Labeled / Cleaned - all wells on Scope Of Work
- Inspected / Cleaned Components - all other identifiable wells N/A
- Inspected site for site investigation & site remediation related trip hazards
- Completed all outstanding *BLAINE Wellhead Repair Order(s)* N/A
- Completed *Shell Wellhead Repair Form(s)* N/A
- Inspected treatment / remediation system compound for security, cleanliness and appearance N/A
- Inspected vacant lot for signs of habitation, hazardous materials or terrain, overgrown vegetation and security N/A
- Visually inspected site drums for condition and proper labeling N/A
- Unresolved deficiencies identified - "*Notice of Deficient Condition*" form(s) completed N/A

Notes _____

PROJECT MANAGER ONLY

Checklist Reviewed <u>mwj 7/7</u> <small>Initial/Date</small>	Notes
---	--------------

SHELL WELLHEAD REPAIR FORM

(FOR REPAIR TECHNICIAN)

Site Address 15275 Washington Ave San Leandro Date 7/7/10
 Job Number 100707-BW1 Technician BW Page 1 of 2

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency										Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto BLAINE Repair Order	Remaining Deficiencies Logged onto Notice of Deficient Condition - BLAINE Unable to Repair	
					Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Secureable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency					Not Secureable by Design (greater than 12" diameter)
S-1							X										X		
	Notes: Retapped 4/4 Tabs																		
	Well box type / size: Round Vault Materials used: 4 bolts																		
S-3							X										X		
	Notes: Heli-Coil 1/4 Tabs, Retapped 3/4 Tabs																		
	Well box type / size: Round Vault Materials used: 4 bolts																		
S-5							X										X		
	Notes: Retapped 4/4 Tabs																		
	Well box type / size: Round Vault Materials used: 4 bolts																		
S-7							X										X		
	Notes: Retapped 4/4 Tabs																		
	Well box type / size: Round Vault Materials used: 4 bolts																		
S-8							X										X		
	Notes: Heli-Coil 4/4 Tabs																		
	Well box type / size: Round Vault Materials used: 4 bolts																		
S-9							X										X		
	Notes: Retapped 3/2 Tabs																		
	Well box type / size: 8" Emco Materials used: 2 bolts																		
S-10							X										X		
	Notes: Retapped 3/2 Tabs																		
	Well box type / size: 12" Emco Materials used: 2 bolts																		

SHELL WELLHEAD REPAIR FORM

(FOR REPAIR TECHNICIAN)

Site Address 15275 Washington Ave San Leandro Date 7/7/10
 Job Number 100707-BW1 Technician BW Page 2 of 2

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency										Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto BLAINE Repair Order	Remaining Deficiencies Logged onto Notice of Deficient Condition - BLAINE Unable to Repair		
					Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Secure by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency					Not Secure by Design (greater than 12" diameter)	
S-13														X	X				X	
	Notes: <u>Cleaned + Inspected Components</u>																			
	Well box type / size: <u>Christy</u> Materials used:																			
S-16								X										X		
	Notes: <u>Retapped 3/2 Tabs</u>																			
	Well box type / size: <u>12" Emco</u> Materials used: <u>2 bolts</u>																			
S-17								X										X		
	Notes: <u>Retapped 3/2 Tabs</u>																			
	Well box type / size: <u>8" Emco</u> Materials used: <u>2 bolts</u>																			
S-18								X										X		
	Notes: <u>Retapped 3/2 Tabs</u>																			
	Well box type / size: <u>12" Emco</u> Materials used: <u>2 bolts</u>																			
S-19								X										X		
	Notes: <u>Retapped 3/2 Tabs</u>																			
	Well box type / size: <u>6" Morrison</u> Materials used: <u>2 bolts</u>																			
	Notes:																			
	Well box type / size:																			
	Materials used:																			
	Notes:																			
	Well box type / size:																			
	Materials used:																			

APPENDIX C
BLAINE TECH SERVICES, INC.
FIELD PROCEDURES

BLAINE

TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

August 4, 2010

Denis Brown
Shell Oil Products US
20945 South Wilmington Avenue
Carson, CA 90810

Third Quarter 2010 Groundwater Monitoring at
Former Shell Service Station
15275 Washington Boulevard
San Leandro, CA

Monitoring performed on July 22, 2010

Groundwater Monitoring Report **100722-BP-2**

This report covers the routine monitoring of groundwater wells at this former Shell facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purge water (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/np

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Suzanne McClurkin-Nelson
Delta Environmental
175 Bernal Rd., Suite 200
San Jose, CA 95119

BLAINE TECH SERVICES, INC. METHODS AND PROCEDURES FOR THE ROUTINE MONITORING OF GROUNDWATER WELLS AT SHELL SITES

Blaine Tech Services, Inc. performs environmental sampling and documentation as an independent third party. We specialize in groundwater monitoring assignments and intentionally limit the scope of our services to those centered on the generation of objective information.

To avoid conflicts of interest, Blaine Tech Services, Inc. personnel do not evaluate or interpret the information we collect. As a state licensed contractor (C-57 well drilling –water – 746684) performing strictly technical services, we do not make any professional recommendations and perform no consulting of any kind.

SAMPLING PROCEDURES OVERVIEW

SAFETY

All groundwater monitoring assignments performed for Shell comply with Shell's safety guidelines, 29 CFR 1910.120 and SB-198 Injury and Illness Prevention Program (IIPP). All Field Technicians receive the full 40-hour 29CFR 1910.120 OSHA SARA HAZWOPER course, medical clearance and on-the-job training prior to commencing any work on any Shell site.

INSPECTION AND GAUGING

Wells are inspected prior to evacuation and sampling. The condition of the wellhead is checked and noted according to a wellhead inspection checklist.

Standard measurements include the depth to water (DTW) and the total well depth (TD) obtained with industry standard electronic water level indicators that are graduated in increments of hundredths of a foot.

The water in each well is inspected for the presence of immiscibles. When free product is suspected, its presence is confirmed using an electronic interface probe (e.g. MMC). No samples are collected from a well containing over two-hundredths of a foot (0.02') of product.

EVACUATION

Depth to water measurements are collected by our personnel prior to purging and minimum purge volumes are calculated anew for each well based on the height of the water column and the diameter of the well. Expected purge volumes are never less than three case volumes and are set at no less than four case volumes in some jurisdictions.

Well purging devices are selected on the basis of the well diameter and the total volume to be evacuated. In most cases the well will be purged using an electric submersible pump (i.e. Grundfos) suspended near (but not touching) the bottom of the well.

PARAMETER STABILIZATION

Well purging completion standards include minimum purge volumes, but additionally require stabilization of specific groundwater parameters prior to sample collection. Typical groundwater parameters used to measure stability are electrical conductivity, pH, and temperature. Instrument readings are obtained at regular intervals during the evacuation process (no less than once per case volume).

Stabilization standards for routine quarterly monitoring of fuel sites include the following: Temperature is considered to have stabilized when successive readings do not fluctuate more than +/- 1 degree Celsius. Electrical conductivity is considered stable when successive readings are within 10%. pH is considered to be stable when successive readings remain constant or vary no more than 0.2 of a pH unit.

DEWATERED WELLS

Normal evacuation removes no less than three case volumes of water from the well. However, less water may be removed in cases where the well dewateres and does not immediately recharge.

MEASURING RECHARGE

Upon completion of well purging, a depth to water measurement is collected and notated to ensure that the well has recharged to within 80% of its static, pre-purge level prior to sampling.

Wells that do not immediately show 80% recharge or dewatered wells will be allowed a minimum of 2 hours to recharge prior to sampling. The water level at time of sampling will be noted.

PURGEWATER CONTAINMENT

All non-hazardous purgewater evacuated from each groundwater monitoring well is captured and contained in on-board storage tanks on the Sampling Vehicle and/or special water hauling trailers. Effluent from the decontamination of reusable apparatus (sounders, electric pumps and hoses etc.), consisting of groundwater combined with deionized water and non-phosphate soap, is also captured and pumped into effluent tanks.

Non-hazardous purgewater is transported under standard Bill of Lading documentation to a Blaine Tech Services, Inc. facility before being transported to a Shell approved disposal facility.

SAMPLE COLLECTION DEVICES

All samples are collected using a stainless steel, Teflon or disposable bailers.

SAMPLE CONTAINERS

Sample material is decanted directly from the sampling bailer into sample containers provided by the laboratory that will analyze the samples. The transfer of sample material from the bailer to the sample container conforms to specifications contained in the USEPA T.E.G.D. The type of sample container, material of construction, method of closure and filling requirements are specific to the intended analysis. Chemicals needed to preserve the sample material are commonly placed inside the sample containers by the laboratory or glassware vendor prior to delivery of the bottle to our personnel. The laboratory sets the number of replicate containers.

TRIP BLANKS

Trip Blanks, if requested, are taken to the site and kept inside the sample cooler for the duration of the event. They are turned over to the laboratory for analysis with the samples from that site.

DUPLICATES

Duplicates, if requested, may be collected at a site. The Field Technician uses their discretion in choosing the well at which the Duplicate is collected, typically one suspected of containing measurable contaminants. The Duplicate sample is labeled "DUP" and the time of collection is omitted from the COC, thus rendering the sample blind.

SAMPLE STORAGE

All sample containers are promptly placed in food grade ice chests for storage in the field and transport (direct or via our facility) to the designated analytical laboratory. These ice chests contain quantities of restaurant grade ice as a refrigerant material. The samples are maintained in either an ice chest or a refrigerator until relinquished into the custody of the laboratory or laboratory courier.

DOCUMENTATION CONVENTIONS

A label must be affixed to all sample containers. In most cases these labels are generated by our office personnel and are partially preprinted. Labels can also be hand written by our field personnel. The site is identified with the store number and site address, as is the particular groundwater well from which the sample is drawn (e.g. MW-1, MW-2, S-1 etc.). The time and date of sample collection along with the initials of the person who collects the sample are handwritten onto the label.

Chain of Custody records are created using client specific preprinted forms following USEPA specifications.

Bill of Lading records are contemporaneous records created in the field at the site where the non-hazardous purgewater is generated. Field Technicians use preprinted Bill of Lading forms.

DECONTAMINATION

All equipment is brought to the site in clean and serviceable condition and is cleaned after use in each well and before subsequent use in any other well. Equipment is decontaminated before leaving the site.

The primary decontamination device is a commercial steam cleaner. The steam cleaner is de-tuned to function as a hot pressure washer that is then operated with high quality deionized water that is produced at our facility and stored onboard our sampling vehicle. Cleaning is facilitated by the use of proprietary fixtures and devices included in the patented workstation (U.S. Patent 5,535,775) that is incorporated in each sampling vehicle. The steam cleaner is used to decon reels, pumps and bailers.

Any sensitive equipment or parts (i.e. Dissolved Oxygen sensor membrane, water level indicator, etc.) that cannot be washed using the high pressure water, will be sprayed with a non-phosphate soap and deionized water solution and rinsed with deionized water.

DISSOLVED OXYGEN READINGS

Dissolved Oxygen readings are taken pre- and/or post-purge using YSI meters (e.g. YSI Model 54, 58 or 95) or HACH field test kits.

The YSI meters are equipped with a stirring device that enables them to collect accurate in-situ readings. The probe/stirring devices are modified to allow downhole measurements to be taken from wells with diameters as small as two inches. The probe and reel is decontaminated between wells as described above. The meter is calibrated between wells as per the instructions in the operating manual. The probe and stirrer is lowered into the water column. The reading is allowed to stabilize prior to collection.

OXYIDATON REDUCTION POTENTIAL READINGS

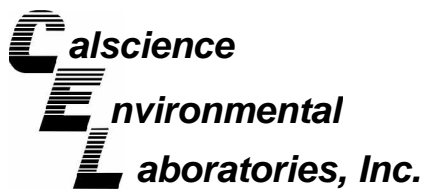
All readings are obtained with either Corning or Myron-L meters (e.g. Corning ORP-65 or a Myron-L Ultrameter GP). The meter is cleaned between wells as described above. The meter is calibrated at the start of each day according to the instruction manual.

FERROUS IRON MEASUREMENTS

All field measurements are collected at time of sampling with a HACH test kit.

APPENDIX D

CERTIFIED ANALYTICAL REPORT
WITH CHAIN-OF-CUSTODY DOCUMENTATION



August 03, 2010

Michael Ninokata
Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

Subject: **CalScience Work Order No.: 10-07-1845**
Client Reference: 15275 Washington, San Leandro, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/24/2010 and analyzed in accordance with the attached chain-of-custody.

CalScience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard CalScience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Xuan H. Dang".

CalScience Environmental
Laboratories, Inc.
Xuan H. Dang
Project Manager

Analytical Report



Blaine Tech Services, Inc.
 1680 Rogers Avenue
 San Jose, CA 95112-1105

Date Received: 07/24/10
 Work Order No: 10-07-1845
 Preparation: EPA 5030B
 Method: LUFT GC/MS / EPA 8260B
 Units: ug/L

Project: 15275 Washington, San Leandro, CA

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-3	10-07-1845-1-A	07/22/10 11:36	Aqueous	GC/MS R	07/27/10	07/28/10 06:52	100727L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	81	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Dibromofluoromethane	104	80-126			1,2-Dichloroethane-d4	109	80-131		
Toluene-d8	100	80-120			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	96	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-7	10-07-1845-2-A	07/22/10 11:10	Aqueous	GC/MS R	07/27/10	07/28/10 07:20	100727L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Dibromofluoromethane	105	80-126			1,2-Dichloroethane-d4	106	80-131		
Toluene-d8	100	80-120			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	97	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-8	10-07-1845-3-A	07/22/10 10:50	Aqueous	GC/MS R	07/27/10	07/28/10 07:48	100727L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Dibromofluoromethane	111	80-126			1,2-Dichloroethane-d4	112	80-131		
Toluene-d8	101	80-120			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	93	80-120							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



Blaine Tech Services, Inc.
 1680 Rogers Avenue
 San Jose, CA 95112-1105

Date Received: 07/24/10
 Work Order No: 10-07-1845
 Preparation: EPA 5030B
 Method: LUFT GC/MS / EPA 8260B
 Units: ug/L

Project: 15275 Washington, San Leandro, CA

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
S-9	10-07-1845-4-A	07/22/10 12:10	Aqueous	GC/MS R	07/27/10	07/28/10 08:17	100727L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	21	2.5	5		Xylenes (total)	ND	5.0	5	
Ethylbenzene	19	5.0	5		TPPH	7900	250	5	
Toluene	ND	5.0	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Dibromofluoromethane	98	80-126			1,2-Dichloroethane-d4	103	80-131		
Toluene-d8	102	80-120			Toluene-d8-TPPH	104	88-112		
1,4-Bromofluorobenzene	98	80-120							

Method Blank	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
	099-12-767-4,385	N/A	Aqueous	GC/MS R	07/27/10	07/28/10 06:23	100727L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		TPPH	ND	50	1	
Toluene	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
Dibromofluoromethane	101	80-126			1,2-Dichloroethane-d4	104	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	96	80-120							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

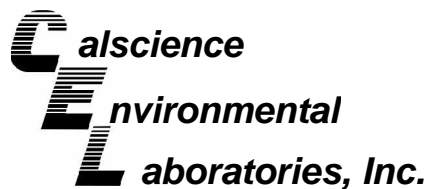
Date Received: 07/24/10
Work Order No: 10-07-1845
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA
8260B

Project 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-07-1734-14	Aqueous	GC/MS R	07/27/10	07/27/10	100727S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	90	80-120	17	0-20	
Ethylbenzene	106	95	73-127	11	0-20	
Toluene	108	93	80-120	15	0-20	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.
1680 Rogers Avenue
San Jose, CA 95112-1105

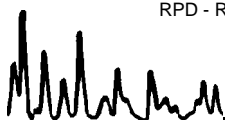
Date Received: N/A
Work Order No: 10-07-1845
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 15275 Washington, San Leandro, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-4,385	Aqueous	GC/MS R	07/27/10	07/28/10	100727L02

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	106	92	80-120	15	0-20	
Ethylbenzene	117	96	80-123	19	0-20	
Toluene	113	95	80-120	17	0-20	
TPPH	81	75	65-135	7	0-30	

RPD - Relative Percent Difference , CL - Control Limit



Work Order Number: 10-07-1845

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis. Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.



LAB (LOCATION)

- CALSCIENCE (_____)
- SPL (_____)
- XENCO (_____)
- TEST AMERICA (_____)
- 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: Suzanne McClurkin-Nelson

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

CHECK IF NO INCIDENT # APPLIES

DATE: 7/22/10

PAGE: 1 of 1

PO # _____ **SAP #** _____

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Ave, San Jose, CA 95112

PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata

TELEPHONE: (408)573-0555 FAX: (408)573-7771 E-MAIL: mninokata@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:

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

EDF DELIVERABLE TO (Name, Company, Office Location): Angela Pico, Delta, San Jose Office **PHONE NO.:** 408.826.1862 **E-MAIL:** apico@deltaenv.com **CONSULTANT PROJECT NO.:** BTS#100722-BP2

SAMPLER NAME(S) (Print): B. Powell **LAB USE ONLY:** 10-07-1845

SPECIAL INSTRUCTIONS OR NOTES :
 CC Suzanne McClurkin-Nelson w/final report
 smcclurkin-nelson@deltaenv.com

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

Run TPH-d w/Silica Gel Clean Up

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS													TEMPERATURE ON RECEIPT °C	Container PID Readings or Laboratory Notes			
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER		TPH - Purgeable (8260B)	TPH - Extractable (8015M)	BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)					
	1 S-3	7/22/10	1130	W	X					3	X	X																
	2 S-7	7/22/10	1110	W	X					3	X	X																
	3 S-8	7/22/10	1050	W	X					3	X	X																
	4 S-9	7/22/10	1210	W	X					3	X	X																

Relinquished by: (Signature) <i>B. Powell</i>	Received by: (Signature) <i>B. Powell</i>	Date: 7/22/10	Time: 1730
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature] CEL</i>	Date: 7-23-10	Time: 1330
Relinquished by: (Signature) <i>[Signature]</i>	Received by: (Signature) <i>[Signature] CEL</i>	Date: 07/24/10	Time: 0900



< WebShip > > > > >

800-322-5555 www.gso.com

1845

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
\$0.00

Reference:
BTS, CRA, STANTEC

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 514609768



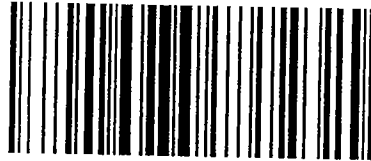
SDS

ORC

D

GARDEN GROVE

D92843A



83363413

Print Date : 07/23/10 16:35 PM

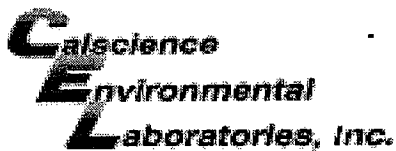
Package 1 of 1

Send Label To Printer

Print All

Edit Shipment

Finish



WORK ORDER #: 10-07-1845

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: BIS

DATE: 07/24/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.7 °C + 0.5 °C (CF) = 4.2 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter Metals Only PCBs Only Initial: WSC

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A Initial: WSC

Sample _____ No (Not Intact) Not Present Initial: KP

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® _____

Water: VOA VOAh VOAna₂ 125AGB 125AGBh 125AGBp 1AGB 1AGBna₂ 1AGBs

500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 500PB 500PBna

250PB 250PBn 125PB 125PBz_{na} 100PJ 100PJna₂ _____ _____ _____

Air: Tedlar® Summa® Other: _____ Trip Blank Lot#: _____ Labeled/Checked by: KP

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: [Signature]

Preservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ z_{na}: ZnAc₂+NaOH f: Field-filtered Scanned by: [Signature]

APPENDIX E

**COORDINATED DATA TABLES
(FORMER BP STATION #601)**

Table 1. 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																
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 1. 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 1. 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.																
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
MW-2																
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	--	--	--	--
5/13/1993	--		21.33	8.00	12.00	6.99	14.34	13,000	1,000	470	370	1,900	--	--	--	--

Table 1. 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.																
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	--	--	--	--	--	--	--	--	--
3/28/2001	--		21.12	8.00	12.00	6.84	14.28	838	18.1	<5.0	7.63	5.98	39.5	--	--	--

Table 1. 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.																
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
10/22/2008	--		23.87	8.00	12.00	8.10	15.77	--	--	--	--	--	--	--	--	--

Table 1. 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.																
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
MW-3																
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	--	--	--	--	--	--	--	--	--
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	--	--	--

Table 1. 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.																
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
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	--	--	--

Table 1. 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.																
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
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	--	--	--	--

Table 1. 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.																
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	--
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	--

Table 1. 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.																
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
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

Table 1. 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.																
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	--	--	--	--	--	--	--	--	--
MW-5																
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	--	1	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	--	1	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	--	--	--	--
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	--	--	--

Table 1. 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.																
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
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

Table 1. 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.																
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	--	--	--	--	--	--	--	--	--
MW-6																
6/10/1991	--	b	22.08	5.50	9.00	--	--	--	--	--	--	--	--	--	--	--

Table 1. 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-6 Cont.																
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	--	--	--	--
6/1/1995	--		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	--
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	--

Table 1. 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-6 Cont.																
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
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	--	--	--	--	--	--	--	--	--

Table 1. 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-6 Cont.																
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	--	--	--	--	--	--	--	--	--
MW-7																
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	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--

Table 1. 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.																
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	--	1.5	--
1/21/1999	--		22.89	8.00	10.00	9.07	13.82	52	<0.5	<0.5	<0.5	0.27	<3	--	3.0	--
5/6/1999	--		22.89	8.00	10.00	8.32	14.57	<50	<0.5	<0.5	<0.5	<0.5	<3	--	0.83	--
8/23/1999	--		22.89	8.00	10.00	9.25	13.64	<50	<0.5	<0.5	<0.5	<0.5	<3	--	1.42	--
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	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--

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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.																	
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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--

Table 1. 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		
MW-8																
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	--	--	--
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	--

Table 1. 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-8 Cont.																
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
8/7/2003	--	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	25	--	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
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	--	--	--	--	--	--	--	--	--

Table 1. 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-8 Cont.																
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	--	--	--	--	--	--	--	--	--
6/3/2010	--		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
MW-9																
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	--	--	--	--
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	--	--	--	--	--	--	--	--	--

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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.																
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
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

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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.																
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
MW-10																
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	--	--	--	--

Table 1. 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.																
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	--
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	--

Table 1. 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.																
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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
1/21/2009	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	--	--	--	--	--	--	--	--	--

Table 1. 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.																
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	--	--	--
MW-11																
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	--	--	--
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	--

Table 1. 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		
MW-11 Cont.																
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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

Table 1. 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-11 Cont.																
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	--	--	--	--	--	--	--	--	--
MW-12																
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	--	--	--	--
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	--	--	--	--	--	--	--	--	--

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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-12 Cont.																
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	--	--	--	--	--	--	--	--	--
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

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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-12 Cont.																
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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
MW-13																
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	--	--	--	--

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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-13 Cont.																
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	--
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	--	--	--	--	--	--	--	--	--

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								GRO/TPHg	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	MtBE	Semi-VOCs		
MW-13 Cont.																
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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

Table 1. 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-13 Cont.																
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	--	--	--	--	--	--	--	--	--
MW-14																
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	--	--	--	--	--	--	--	--	--
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	--

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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-14 Cont.																
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
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

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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-14 Cont.																
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	--	--	--
MW-15																
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	--	--	--

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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-15 Cont.																
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	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--

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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-15 Cont.																
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
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
MW-16																
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

Table 1. 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-17																
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
MW-18																
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
MW-19																
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
1/12/2010	--		25.10	--	--	6.75	18.35	--	--	--	--	--	--	--	--	--
6/3/2010	--		25.10	--	--	8.14	16.96	--	--	--	--	--	--	--	--	--

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.

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.

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-1									
1/23/2003	<4,000	<2,000	<50	<50	<50	<50	<50	<50	
4/7/2003	<1,000	<200	69	<5.0	<5.0	<5.0	<5.0	<5.0	
8/7/2003	<5,000	<1,000	160	<25	<25	<25	<25	<25	
10/23/2003	--	<1,000	220	<25	<25	<25	<25	<25	
01/12/2004	<5,000	<1,000	140	<50	<50	<50	<25	<25	
04/20/2004	<5,000	<1,000	84	<25	<25	<25	<25	<25	
07/01/2004	<2,000	<400	100	<10	<10	<10	<10	<10	
11/04/2004	<1,000	<200	130	<5.0	<5.0	5.5	<5.0	<5.0	
01/10/2005	<1,000	<200	12	<5.0	<5.0	<5.0	<5.0	<5.0	
04/14/2005	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
08/02/2005	<100	530	15	<5.0	<5.0	<5.0	<5.0	<5.0	c
10/21/2005	<1,000	<200	64	<5.0	<5.0	6.2	<5.0	<5.0	
01/04/2006	<1,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	b
04/28/2006	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	a
8/4/2006	<3,000	<200	14	<5.0	<5.0	<5.0	<5.0	<5.0	
10/23/2006	<3,000	<200	16	<5.0	<5.0	<5.0	<5.0	<5.0	b
1/15/2007	--	--	--	--	--	--	--	--	Not sampled due to presence of free product
4/17/2007	<6,000	<400	<10	<10	<10	<10	<10	<10	
7/9/2007	<3,000	<200	81	<5.0	<5.0	<5.0	<5.0	<5.0	
10/1/2007	<3,000	<200	9.3	<5.0	<5.0	<5.0	<5.0	<5.0	
1/7/2008	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
4/1/2008	<12,000	<400	<20	<20	<20	<20	<20	<20	e
7/23/2008	<12,000	<400	<20	<20	<20	<20	<20	<20	
10/22/2008	<12,000	<400	<20	<20	<20	<20	<20	<20	
1/21/2009	<12,000	<400	<20	<20	<20	<20	<20	<20	
4/21/2009	<12,000	<400	<20	<20	<20	<20	<20	<20	h
7/21/2009	<12,000	<400	<20	<20	<20	<20	<20	<20	h
1/12/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	h
7/22/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Leelling Blvd., San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-2									
1/23/2003	<4,000	<2,000	95	<50	<50	<50	<50	<50	
10/23/2003	--	<100	68	<2.5	<2.5	16	<2.5	<2.5	
07/01/2004	<100	28	72	<0.50	<0.50	15	<0.50	<0.50	
08/02/2005	<100	<20	12	<0.50	<0.50	3.4	<0.50	<0.50	
8/4/2006	<300	21	7.9	<0.50	<0.50	2.3	<0.50	<0.50	
7/9/2007	<300	<20	3.2	<0.50	<0.50	0.98	<0.50	<0.50	
7/23/2008	<300	<10	0.78	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<10	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	
6/3/2010	<300	<10	1.2	<0.50	<0.50	0.76	<0.50	<0.50	
7/22/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-3									
1/23/2003	<8,000	<4,000	<100	<100	<100	<100	<100	<100	
4/7/2003	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
8/7/2003	<20,000	<4,000	<100	<100	<100	<100	<100	<100	
10/23/2003	--	<1,000	<25	<25	<25	<25	<25	<25	
01/12/2004	<1,000	<200	<5.0	<10	<10	<10	<5.0	<5.0	
04/20/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
07/01/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
11/23/2004	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
01/10/2005	<20,000	<4,000	<100	<100	<100	<100	<100	<100	
04/14/2005	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
08/02/2005	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
10/21/2005	<10,000	<2,000	<50	<50	<50	<50	<50	<50	
01/04/2006	<5,000	<1,000	<25	<25	<25	<25	<25	<25	b
04/28/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
8/4/2006	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
10/23/2006	<3,000	<200	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	b
1/15/2007	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
4/17/2007	<15,000	<1,000	<25	<25	<25	<25	<25	<25	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-3 Cont.									
7/9/2007	<15,000	<1,000	<25	<25	<25	<25	<25	<25	
10/1/2007	<15,000	<1,000	<25	<25	<25	<25	<25	<25	d
4/1/2008	<60,000	<2,000	<100	<100	<100	<100	<100	<100	
7/23/2008	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
10/22/2008	<75,000	<2,500	<120	<120	<120	<120	<120	<120	
1/21/2009	<60,000	<2,000	<100	<100	<100	<100	<100	<100	
4/21/2009	<30,000	<1,000	<50	<50	<50	<50	<50	<50	
7/21/2009	<15,000	<500	<25	<25	<25	<25	<25	<25	
1/12/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	
6/3/2010	<15,000	<500	<25	<25	<25	<25	<25	<25	
7/22/2010	<15,000	<500	<25	<25	<25	<25	<25	<25	
MW-4									
1/23/2003	<200	<100	5.9	<2.5	<2.5	<2.5	<2.5	<2.5	
4/7/2003	<100	<20	9.2	<0.5	<0.5	0.61	<0.5	<0.50	
8/7/2003	<5,000	<1,000	<25	<25	<25	<25	<25	<25	
10/23/2003	--	<100	12	<2.5	<2.5	<2.5	<2.5	<2.5	
01/12/2004	<500	<100	4.3	<5.0	<5.0	<5.0	<2.5	<2.5	
04/20/2004	<1,000	<200	12	<5.0	<5.0	<5.0	<5.0	<5.0	
07/01/2004	<500	<100	15	<2.5	<2.5	<2.5	<2.5	<2.5	
11/04/2004	<200	<40	5.7	<1.0	<1.0	<1.0	<1.0	<1.0	
01/10/2005	<100	<20	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	
04/14/2005	<100	<20	4.5	<0.50	<0.50	0.61	<0.50	<0.50	
08/02/2005	<100	<20	7.1	<0.50	<0.50	0.97	3.7	<0.50	
10/21/2005	<200	<40	10	<1.0	<1.0	1.3	<1.0	<1.0	b
01/04/2006	<200	<40	3.7	<1.0	<1.0	<1.0	<1.0	<1.0	b
04/28/2006	<600	<40	3.7	<1.0	<1.0	<1.0	<1.0	<1.0	
8/4/2006	<3,000	<200	15	<5.0	<5.0	<5.0	<5.0	<5.0	
10/23/2006	<300	<20	16	<0.50	<0.50	5.5	<0.50	<0.50	b
1/15/2007	--	--	--	--	--	--	--	--	g

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-4 Cont.									
4/17/2007	<600	<40	3.5	<1.0	<1.0	<1.0	<1.0	<1.0	
7/9/2007	<1,200	<80	14	<2.0	<2.0	<2.0	<2.0	<2.0	
10/1/2007	<600	<40	11	<1.0	<1.0	1.6	<1.0	<1.0	
1/7/2008	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
4/1/2008	<300	<10	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	--	--	--	--	--	--	--	--	f
10/22/2008	--	--	--	--	--	--	--	--	f
4/21/2009	<300	<10	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
6/3/2010	<300	<10	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-5									
1/23/2003	<4,000	<2,000	<50	<50	<50	<50	<50	<50	
4/7/2003	<500	<100	32	<2.5	<2.5	6.3	<2.5	<2.5	
8/7/2003	<100	<20	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
10/23/2003	--	<20	12	<0.50	<0.50	1.7	<0.50	<0.50	
01/12/2004	<100	<20	11	<1.0	<1.0	1.3	<0.50	<0.50	
04/20/2004	<100	<20	12	<0.50	<0.50	3.0	<0.50	<0.50	
07/01/2004	<100	<20	11	<0.50	<0.50	2.0	<0.50	<0.50	
11/04/2004	<100	<20	9.4	<0.50	<0.50	2.0	<0.50	<0.50	
01/10/2005	<100	<20	40	<0.50	<0.50	9.7	<0.50	<0.50	
04/14/2005	<1,000	<200	40	<5.0	<5.0	9.3	<5.0	<5.0	
08/02/2005	<500	<100	19	<2.5	<2.5	5.0	9.2	<2.5	
10/21/2005	<1,000	<200	16	<5.0	<5.0	<5.0	<5.0	<5.0	
01/04/2006	<1,000	<200	30	<5.0	<5.0	7.2	<5.0	<5.0	b
04/28/2006	<3,000	<200	9.9	<5.0	<5.0	<5.0	<5.0	<5.0	
8/4/2006	<3,000	<200	14	<5.0	<5.0	<5.0	<5.0	<5.0	
10/23/2006	<6,000	<400	13	<10	<10	<10	<10	<10	b
1/15/2007	<6,000	<400	10	<10	<10	<10	<10	<10	
4/17/2007	<3,000	<200	5.9	<5.0	<5.0	<5.0	<5.0	<5.0	
7/9/2007	<3,000	<200	6.9	<5.0	<5.0	<5.0	<5.0	<5.0	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-5 Cont.									
10/1/2007	<1,500	<100	4.2	<2.5	<2.5	<2.5	<2.5	<2.5	
1/7/2008	<1,500	<100	4.1	<2.5	<2.5	<2.5	<2.5	<2.5	
4/1/2008	<300	<10	1.8	<0.50	<0.50	0.70	<0.50	<0.50	
7/23/2008	<6,000	<200	<10	<10	<10	<10	<10	<10	
10/22/2008	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
1/21/2009	<3,000	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
4/21/2009	<300	<10	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	
6/3/2010	<1,500	<50	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	
MW-6									
1/23/2003	<200	<100	17	<2.5	<2.5	<2.5	<2.5	<2.5	a
1/23/2003	<4,000	<2,000	<50	<50	<50	<50	<50	<50	
4/7/2003	<100	<20	15	<0.5	<0.5	2.1	<0.5	<0.50	
01/12/2004	<5,000	<1,000	150	<50	<50	<50	<25	<25	
11/04/2004	<2,000	<400	230	<10	<10	58	<10	<10	
01/10/2005	<5,000	<1,000	240	<25	<25	65	<25	<25	
04/14/2005	<1,000	<200	210	<5.0	<5.0	56	<5.0	<5.0	
08/02/2005	<1,000	<200	150	<5.0	<5.0	44	<5.0	<5.0	
10/21/2005	<1,000	<200	110	<5.0	<5.0	47	<5.0	<5.0	
01/04/2006	<500	<100	130	<2.5	<2.5	42	<2.5	<2.5	b
04/28/2006	<1,500	<100	170	<2.5	<2.5	59	<2.5	<2.5	
8/4/2006	<1,500	<100	110	<2.5	<2.5	39	<2.5	<2.5	
10/23/2006	--	--	--	--	--	--	--	--	g
1/15/2007	--	--	--	--	--	--	--	--	g
4/17/2007	<600	<40	24	<1.0	<1.0	8.2	<1.0	<1.0	
7/9/2007	<300	<20	51	<0.50	<0.50	21	<0.50	<0.50	
1/7/2008	<300	<20	37	<0.50	<0.50	17	<0.50	<0.50	
4/1/2008	<300	<10	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	--	--	--	--	--	--	--	--	g
10/22/2008	--	--	--	--	--	--	--	--	g

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Leelling Blvd., San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-7									
1/23/2003	<40	<20	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	
4/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
04/20/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
11/04/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	--	--	--	--	--	--	--	--	g
MW-8									
1/23/2003	<40	<20	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
4/7/2003	<100	<20	19	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2003	<100	<20	0.96	<0.50	<0.50	<0.50	<0.50	<0.50	
10/23/2003	--	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
01/12/2004	<100	<20	13	<1.0	<1.0	<1.0	<0.50	<0.50	
04/20/2004	<100	<20	25	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
11/04/2004	<100	<20	13	<0.50	<0.50	<0.50	<0.50	<0.50	
01/10/2005	<100	<20	10	<0.50	<0.50	<0.50	<0.50	<0.50	
08/02/2005	<100	<20	16	<0.50	<0.50	<0.50	<0.50	<0.50	
10/21/2005	--	--	--	--	--	--	--	--	Well inaccessible
8/4/2006	<300	<20	16	<0.50	<0.50	<0.50	<0.50	<0.50	
7/9/2007	<300	<20	17	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	<300	<10	8.6	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<10	3.3	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	4.3	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-9									
1/23/2003	<40	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	
08/02/2005	<100	<20	3.8	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2006	<300	<20	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	
7/9/2007	<300	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	<300	<10	5.0	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<10	2.6	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	4.5	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-10									
1/23/2003	<40	<20	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
4/7/2003	<100	<20	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2003	<100	<20	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	
01/12/2004	<100	<20	1.7	<1.0	<1.0	<1.0	<0.50	<0.50	
07/01/2004	<100	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
01/10/2005	<100	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	b
08/02/2005	<100	<20	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	
01/04/2006	<100	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	b
8/4/2006	<300	<20	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	
1/15/2007	<300	<20	2.2	<0.50	<0.50	<0.50	<0.50	<0.50	
7/9/2007	<300	<20	2.0	<0.50	<0.50	<0.50	<0.50	<0.50	
1/7/2008	<300	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	<300	<10	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
1/21/2009	<300	<10	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<10	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	
1/12/2010	<300	<10	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-11									
1/23/2003	<40	<20	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	

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

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-11 Cont.									
10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-12									
10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-13									
1/23/2003	<40	<20	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	
10/23/2003	--	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-14									
1/23/2003	<40	<20	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	
4/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/7/2003	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
07/01/2004	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
01/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
08/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/9/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-15									
1/23/2003	<40	<20	<20	<0.50	<0.50	<0.50	<0.50	<0.50	
07/01/2004	<100	<20	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	
08/02/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
8/4/2006	<300	<20	2.1	<0.50	<0.50	<0.50	<0.50	<0.50	

Table 2. Summary of Fuel Additives Analytical Data
ARCO Service Station #0601, 712 Lewelling Blvd., San Leandro, CA

Well and Sample Date	Concentrations in (µg/L)								Comments
	Ethanol	TBA	MTBE	DIPE	ETBE	TAME	1,2-DCA	EDB	
MW-15 Cont.									
7/9/2007	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/23/2008	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
7/21/2009	<300	<0.50	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	
7/22/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
MW-16									
7/21/2009	<300	<0.50	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	
1/12/2010	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
6/3/2010	<600	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
7/22/2010	<600	<20	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
MW-17									
7/21/2009	<300	10	2.8	<0.50	<0.50	1.0	<0.50	<0.50	
1/12/2010	<6,000	<200	<10	<10	<10	<10	<10	<10	
6/3/2010	<15,000	<500	<25	<25	<25	<25	<25	<25	
7/22/2010	<15,000	<500	<25	<25	<25	<25	<25	<25	
MW-18									
7/21/2009	<300	<10	4.8	<0.50	<0.50	3.0	<0.50	<0.50	
1/12/2010	<600	<20	5.8	<1.0	<1.0	4.7	<1.0	<1.0	
7/22/2010	<300	<10	5.1	<0.50	<0.50	4.9	<0.50	<0.50	
MW-19									
7/21/2009	<300	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	

SYMBOLS & ABBREVIATIONS :

-- = Not analyzed/applicable/measured/available

< = Not detected at or above specified laboratory reporting limit.

1,2-DCA = 1,2-Dichloroethane

DIPE = Di-isopropyl ether

EDB = 1,2-Dibromoethane

ETBE = Ethyl tert-butyl ether

MTBE = Methyl tert-butyl ether

TAME = tert-Amyl methyl ether

TBA = tert-Butyl alcohol

µg/L = Micrograms per Liter

FOOTNOTES:

a = The sample was re-extracted beyond the EPA recommended holding time. The results may still be useful for their intended purpose.

b = Calibration verification for ethanol was within method limits but outside contract limits.

c = Original analysis for ethanol was a positive result. Reanalysis did not confirm.

d = Sample preserved improperly.

e = FP in well.

f = Insufficient water to sample.

g = Well was dry.

h = Reporting limits raised due to high level of non-target analytes (SVOCs) .

NOTES:

All volatile organic compounds analyzed using EPA Method 8260B.

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.