

December 9, 2005

Mr. Don Hwang  
Alameda County Environmental Health (ACEH)  
1131 Harbor Bay Parkway, 2<sup>nd</sup> floor  
Alameda, CA 94502

**Re: Fourth Quarter 2005 Groundwater Monitoring Report  
ARCO Service Station #0601  
712 Lewelling Boulevard  
San Leandro, California  
ACEH Case #4275**

Alameda County  
DEC 12 9 2005

Dear Mr. Hwang:

On behalf of Atlantic Richfield Company, a BP affiliated company, URS Corporation (URS) is submitting the *Fourth Quarter 2005 Groundwater Monitoring Report* for the ARCO Service Station #0601, located at 712 Lewelling Boulevard, San Leandro, California.

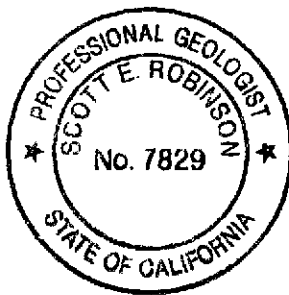
If you have any questions regarding this submission, please call (510) 874-3280.

Sincerely,

URS CORPORATION



Scott Robinson, P.G.  
Project Manager



Enclosure: Fourth Quarter 2005 Groundwater Monitoring Report

cc: Mr. Paul Supple, Atlantic Richfield Company (RM), electronic copy uploaded to ENFOS  
Mr. Mike Bakaldin, City of San Leandro, Environmental Services Division,  
835 East 14th Street, San Leandro, CA 94577



Atlantic Richfield Company  
(a BP affiliated company)

P.O. Box 6549  
Moraga, California 94570  
Phone: (925) 299-8891  
Fax: (925) 299-8872

December 9, 2005

Re: Fourth Quarter 2005 Groundwater Monitoring Report  
ARCO Service Station #0601  
712 Lewelling Boulevard  
San Leandro, CA  
ACEH Case ID #: 4275

Alameda County  
DEC 16 2005

"I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached document are true and correct.

Submitted by:

Paul Supple  
Environmental Business Manager

# **R E P O R T**

## **FOURTH QUARTER 2005 GROUNDWATER MONITORING REPORT**

**ARCO SERVICE STATION #0601  
712 LEWELLING BOULEVARD  
SAN LEANDRO, CALIFORNIA**

*Prepared for*  
**RM**

December 9, 2005

# **URS**

URS Corporation  
1333 Broadway, Suite 800  
Oakland, California 94612

Date: December 9, 2005

Quarter: 4Q 05

#### FOURTH QUARTER 2005 GROUNDWATER MONITORING REPORT

|                                    |                                            |          |                                          |
|------------------------------------|--------------------------------------------|----------|------------------------------------------|
| Facility No.:                      | 0601                                       | Address: | 712 Lewelling Boulevard, San Leandro, CA |
| RM Environmental Business Manager: | Paul Supple                                |          |                                          |
| Consulting Co./Contact Person:     | URS Corporation / Scott Robinson           |          |                                          |
| Primary Agency:                    | Alameda County Environmental Health (ACEH) |          |                                          |
| ACEH Case #:                       | 4275                                       |          |                                          |

#### WORK PERFORMED THIS QUARTER (Fourth – 2005):

1. Performed the fourth quarter 2005 groundwater monitoring event on October 21, 2005.
2. Prepared and submitted this Fourth Quarter 2005 Groundwater Monitoring Report.
3. Sampled sanitary sewer lateral line per River Watch agreement.

#### WORK PROPOSED FOR NEXT QUARTER (First – 2006):

1. Perform the first quarter 2006 groundwater monitoring event.
2. Prepare and submit the First Quarter 2006 Groundwater Monitoring Report.
3. Sample sanitary sewer lateral line per River Watch agreement.

#### SITE SUMMARY:

|                                       |                                                                                                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Phase of Project:             | Groundwater monitoring/sampling                                                                                                                                      |
| Frequency of Groundwater Sampling:    | Quarterly: MW-1, MW-3 through MW-6<br>Semi-annually (1Q & 3Q): MW-7, MW-8, MW-10, & MW-14<br>Annually (3Q): MW-2, MW-9, and MW-15<br>Gauge Only: MW-11 through MW-13 |
| Frequency of Groundwater Monitoring:  | Quarterly                                                                                                                                                            |
| Is Free Product (FP) Present On-Site: | No                                                                                                                                                                   |
| Cumulative FP Recovered to Date:      | 3.45 gallons, Well MW-1                                                                                                                                              |
| Bulk Soil Removed to Date:            | 1,565 cubic yards of TPH impacted soil                                                                                                                               |
| Current Remediation Techniques:       | None                                                                                                                                                                 |
| Approximate Depth to Groundwater:     | 5.92 (MW-15) to 9.47 (MW-14) feet below ground surface (bgs)                                                                                                         |
| Groundwater Gradient (direction):     | Southwest                                                                                                                                                            |
| Groundwater Gradient (magnitude):     | 0.005 feet per foot                                                                                                                                                  |

#### DISCUSSION:

Gasoline range organics were detected at or above the laboratory reporting limit in all five wells sampled this quarter at concentrations ranging from 1,700 micrograms per liter ( $\mu\text{g/L}$ ) (MW-4) to 39,000  $\mu\text{g/L}$  (MW-3). Benzene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 84  $\mu\text{g/L}$  (MW-4) to 600  $\mu\text{g/L}$  (MW-1). Toluene was detected at or above the laboratory reporting limit in four wells at concentrations ranging from 3.9  $\mu\text{g/L}$  (MW-4) to 160  $\mu\text{g/L}$  (MW-3). Ethylbenzene was detected at or above the laboratory reporting limit in five wells at concentrations ranging from 6.5  $\mu\text{g/L}$  (MW-4) to 1,500  $\mu\text{g/L}$

(MW-3). Xylenes were detected at or above the laboratory reporting limit in five wells at concentrations ranging from 11 µg/L (MW-1) to 7,400 µg/L (MW-3). Methyl tertiary butyl ether was detected at or above the laboratory reporting limit in four wells at concentrations ranging from 10 µg/L (MW-4) to 110 µg/L (MW-6). Tertiary amyl methyl ether was detected at or above the laboratory reporting limit in three wells at concentrations ranging from 1.3 µg/L (MW-4) to 47 µg/L (MW-6). No other fuel components were detected at or above their respective laboratory reporting limits.

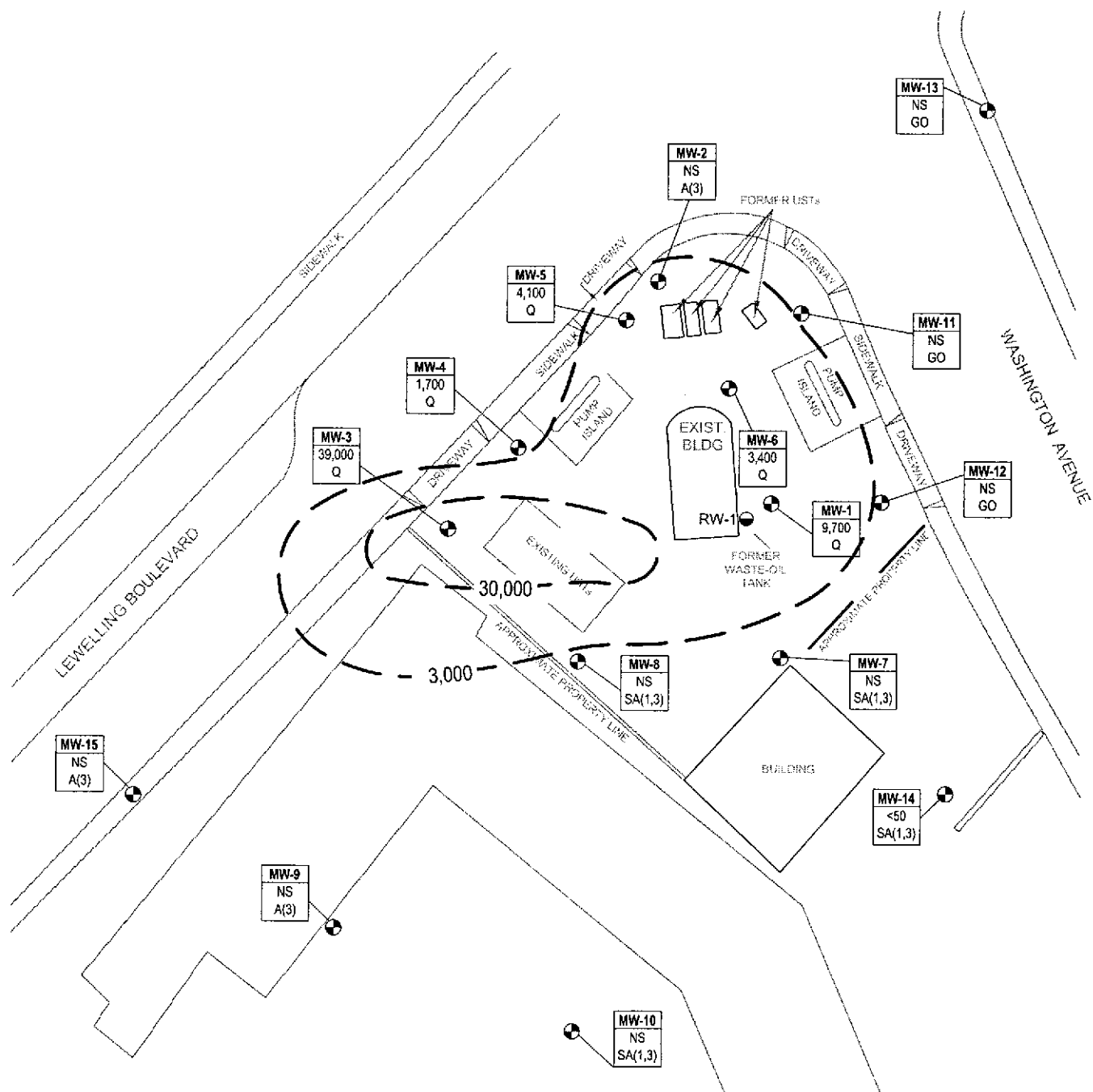
Well MW-8 was not gauged due to a car parked over it.

**ATTACHMENTS:**

- Figure 1 – Groundwater Elevation Contour and Analytical Summary Map – October 21, 2005
- Figure 2 – GRO Isoconcentration Map – October 21, 2005
- Figure 3 – Benzene Isoconcentration Map – October 21, 2005
- Figure 4 – MTBE Isoconcentration Map – October 21, 2005
- Table 1 – Groundwater Elevation and Analytical Data
- Table 2 – Fuel Additives Analytical Data
- Table 3 – Groundwater Flow Direction and Gradient
- Table 4 – Volatile and Semivolatile Organic Compounds Data
- Attachment A – Field Procedures and Field Data Sheets
- Attachment B – Laboratory Procedures, Certified Analytical Reports and Chain-of-Custody Records
- Attachment C – Error Check Reports and EDF/GEOWELL Submittal Confirmations



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#### LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- 3,000 GRO ISOCONCENTRATION CONTOUR (µg/L)
- 30,000 GRO ISOCONCENTRATION CONTOUR (µg/L)
- Well: WELL DESIGNATION
- GRO: GRO CONCENTRATIONS (µg/L)
- A/Q/SA: SAMPLING FREQUENCY
- < NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- A(3) SAMPLED ANNUALLY, 3RD QUARTER
- SA(1,3) SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTER
- Q SAMPLED QUARTERLY
- GO GAUGE ONLY

NOTES:  
 SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES.  
 SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.  
 GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.



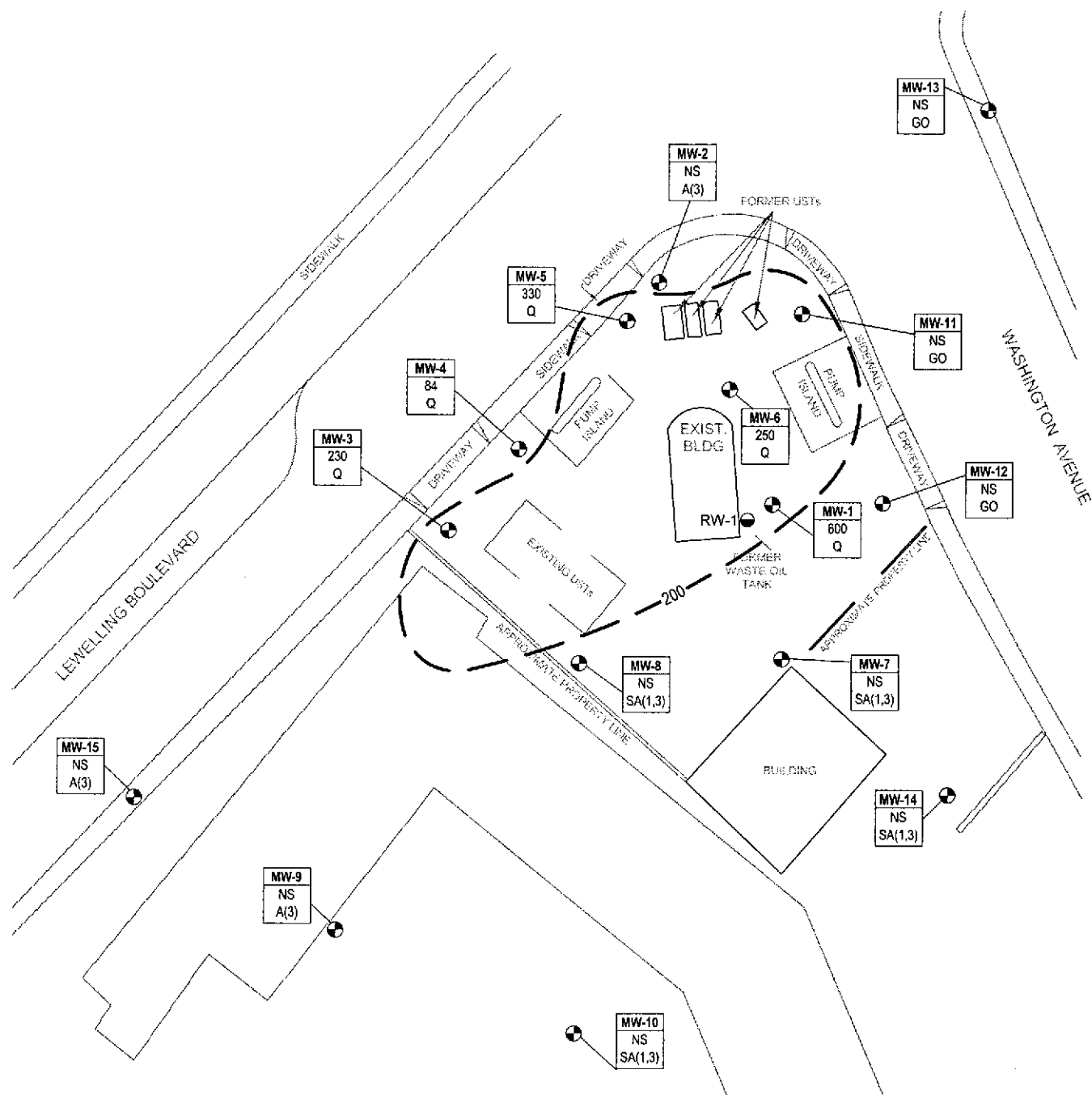
**URS**

Project No. 38487167  
 ARCO Service Station #0601  
 712 Lewelling Boulevard  
 San Leandro, California

**GRO ISOCONCENTRATION MAP**  
 Fourth Quarter 2005 (October 21, 2005)

FIGURE  
**2**

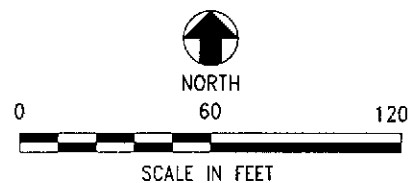
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#### LEGEND

- |   |                                                      |         |                                          |
|---|------------------------------------------------------|---------|------------------------------------------|
|   | GROUNDWATER MONITORING WELL                          | A(3)    | SAMPLED ANNUALLY, 3RD QUARTER            |
|   | SOIL VAPOR EXTRACTION WELL                           | SA(1,3) | SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTER |
|   | 500 BENZENE ISOCONCENTRATION CONTOUR (µg/L)          | Q       | SAMPLED QUARTERLY                        |
|   | WELL DESIGNATION                                     | GO      | GAUGE ONLY                               |
|   | BENZENE CONCENTRATIONS (µg/L)                        |         |                                          |
|   | SAMPLING FREQUENCY                                   |         |                                          |
| < | NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS |         |                                          |

NOTES:  
SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES.  
SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.  
GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.



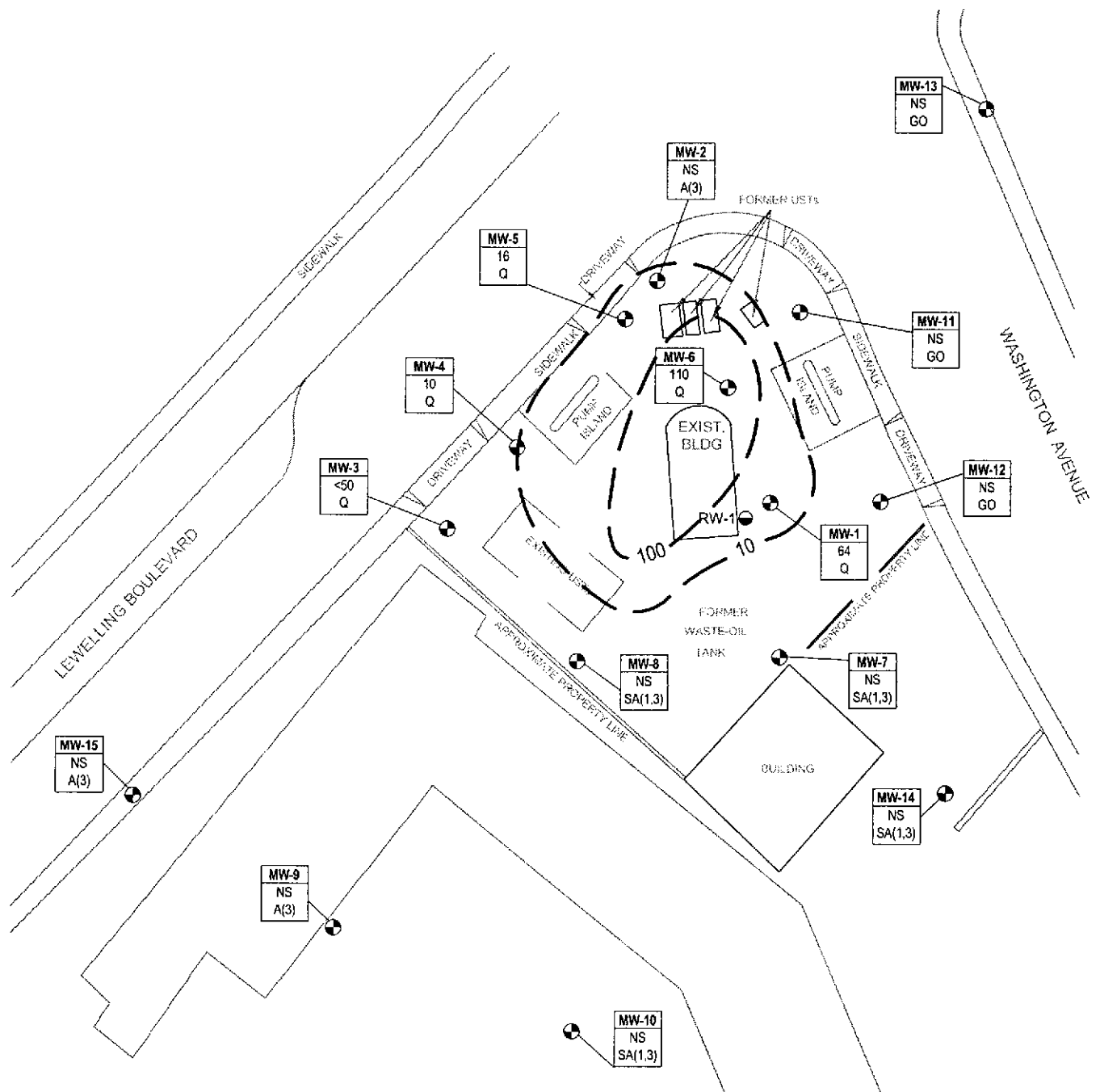
**URS**

Project No. 38487167  
ARCO Service Station #0601  
712 Lewelling Boulevard  
San Leandro, California

**BENZENE ISOCONCENTRATION MAP**  
Fourth Quarter 2005 (October 21, 2005)

FIGURE  
**3**

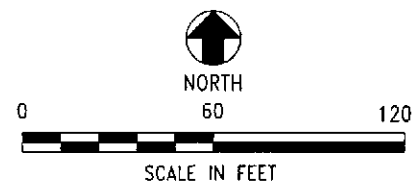
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#### LEGEND

- |   |                                                      |         |                                          |
|---|------------------------------------------------------|---------|------------------------------------------|
|   | GROUNDWATER MONITORING WELL                          | A(3)    | SAMPLED ANNUALLY, 3RD QUARTER            |
|   | SOIL VAPOR EXTRACTION WELL                           | SA(1,3) | SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTER |
|   | MTBE ISOCONCENTRATION CONTOUR (µg/L)                 | Q       | SAMPLED QUARTERLY                        |
|   | WELL DESIGNATION                                     | GO      | GAUGE ONLY                               |
|   | MTBE CONCENTRATIONS (µg/L)                           |         |                                          |
|   | SAMPLING FREQUENCY                                   |         |                                          |
| < | NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS |         |                                          |

NOTES:  
 SITE MAP ADAPTED FROM DELTA ENVIRONMENTAL FIGURES.  
 SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.  
 GROUNDWATER CONTOURS CALCULATED BY AUTODESK LAND DESKTOP.



**URS**

Project No. 38487167  
 ARCO Service Station #0601  
 712 Lewelling Boulevard  
 San Leandro, California

**MTBE ISOCONCENTRATION MAP**  
 Fourth Quarter 2005 (October 21, 2005)

FIGURE  
**4**

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Ben- zene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi- VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|------------------|----------------|-----------------------|----------------------|-------------|-------------------|-----------|----------|
| MW-1     | 1/9/1991   | --    | i, l  | 22.98             | 7.00                   | 12.00                     | 10.80               | 9.47         | 13.51        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 4/16/1991  | --    | a     | 22.98             | 7.00                   | 12.00                     | 10.80               | 6.12         | 16.86        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 6/10/1991  | --    | a     | 22.26             | 7.00                   | 12.00                     | 10.80               | 9.00         | 13.26        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 10/10/1991 | --    | i, l  | 22.26             | 7.00                   | 12.00                     | 10.80               | 9.73         | 12.53        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 3/23/1992  | --    | a     | 22.26             | 7.00                   | 12.00                     | 10.80               | 7.40         | 14.86        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 6/8/1992   | --    | i, l  | 22.26             | 7.00                   | 12.00                     | 10.80               | 9.08         | 13.18        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 9/15/1992  | --    | l     | 22.26             | 7.00                   | 12.00                     | 10.80               | 9.18         | 14.08        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 11/16/1992 | --    | i, l  | 22.26             | 7.00                   | 12.00                     | 10.80               | 9.09         | 13.17        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 2/16/1993  | --    | i, l  | 22.26             | 7.00                   | 12.00                     | 10.80               | 7.03         | 15.23        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 5/13/1993  | --    | i, l  | 22.26             | 7.00                   | 12.00                     | 10.80               | 8.08         | 14.18        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 8/17/1993  | --    | i, l  | 22.26             | 7.00                   | 12.00                     | 10.80               | 8.81         | 13.45        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 11/8/1993  | --    | i, l  | 22.26             | 7.00                   | 12.00                     | 10.80               | 9.22         | 13.04        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 2/14/1994  | --    | a     | 22.26             | 7.00                   | 12.00                     | 10.80               | 7.72         | 14.54        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 5/5/1994   | --    | a     | 22.26             | 7.00                   | 12.00                     | 10.80               | 8.47         | 13.79        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 8/4/1994   | --    | a     | 22.26             | 7.00                   | 12.00                     | 10.80               | 8.72         | 13.54        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 11/20/1994 | --    | a     | 22.26             | 7.00                   | 12.00                     | 10.80               | 7.81         | 14.45        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 3/17/1995  | --    |       | 22.26             | 7.00                   | 12.00                     | 10.80               | 6.57         | 15.69        | 120,000           | 5,300            | 370            | 1,500                 | 13,000               | --          | --                | --        | --       |
|          | 6/1/1995   | --    |       | 22.26             | 7.00                   | 12.00                     | 10.80               | 7.87         | 14.39        | 250,000           | 7,100            | 950            | 3,500                 | 21,000               | --          | --                | --        | --       |
|          | 8/31/1995  | --    | i, l  | 22.26             | 7.00                   | 12.00                     | 10.80               | 8.12         | 14.15        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 11/27/1995 | --    |       | 22.26             | 7.00                   | 12.00                     | 10.80               | 8.42         | 13.84        | 310,000           | 4,600            | 770            | 5,700                 | 21,000               | --          | --                | --        | --       |
|          | 2/22/1996  | --    | j     | 22.26             | 7.00                   | 12.00                     | 10.80               | 6.01         | 16.25        | 100,000           | 6,200            | 320            | 2,500                 | 12,000               | <1,000      | --                | --        | --       |
|          | 5/20/1996  | --    |       | 22.26             | 7.00                   | 12.00                     | 10.80               | 7.03         | 15.23        | 340,000           | 6,600            | 240            | 4,500                 | 22,000               | <1,000      | --                | --        | --       |
|          | 8/26/1996  | --    |       | 22.26             | 7.00                   | 12.00                     | 10.80               | 8.16         | 14.10        | 210,000           | 7,900            | 320            | 3,400                 | 15,000               | <1,000      | --                | --        | --       |
|          | 11/20/1996 | --    |       | 22.26             | 7.00                   | 12.00                     | 10.80               | 7.84         | 14.42        | 62,000            | 5,900            | 77             | 2,000                 | 7,700                | <300        | --                | --        | --       |
|          | 3/24/1997  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.05         | 11.14        | 170,000           | 6,500            | <200           | 2,400                 | 9,900                | <1,000      | --                | --        | --       |
|          | 5/23/1997  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.42         | 10.77        | 83,000            | 6,200            | 84             | 2,500                 | 9,000                | <300        | --                | --        | --       |
|          | 8/19/1997  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.65         | 10.54        | 83,000            | 4,500            | <100           | 2,200                 | 8,100                | <600        | --                | --        | --       |
|          | 11/19/1997 | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.54         | 10.65        | 250,000           | 4,400            | <500           | 3,800                 | 9,900                | <3,000      | --                | --        | --       |
|          | 2/19/1998  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 5.57         | 13.62        | 74,000            | 2,500            | 120            | 2,200                 | 4,100                | <300        | --                | --        | --       |
|          | 4/23/1998  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 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                     | 10.80               | 8.14         | 11.05        | 73,000            | 2,100            | 88             | 2,600                 | 4,600                | <300        | --                | 1.0       | --       |
|          | 10/14/1998 | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 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                     | 10.80               | 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                     | 10.80               | 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                     | 10.80               | 8.56         | 10.63        | 26,000            | 1,700            | 52             | 1,600                 | 1,500                | <75         | --                | 0.72      | --       |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-1     | 10/28/1999 | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 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                     | 10.80               | 8.48         | 10.71        | 19,000            | 960            | 13             | 1,200               | 860                  | <60         | --               | 2.11      | --       |
|          | 6/20/2000  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.20         | 10.99        | 23,000            | 2,400          | 50             | 1,800               | 680                  | <200        | --               | --        | --       |
|          | 9/29/2000  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.55         | 10.64        | 23,600            | 2,880          | <50            | 2,130               | 871                  | <250        | --               | --        | --       |
|          | 12/17/2000 | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.28         | 10.91        | 21,600            | 1,980          | <50            | 1,610               | 664                  | <250        | --               | --        | --       |
|          | 3/28/2001  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.13         | 11.06        | 19,800            | 2,310          | <100           | 2,010               | 517                  | <500        | --               | --        | --       |
|          | 6/20/2001  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.60         | 10.59        | 17,000            | 2,200          | 23             | 1,800               | 320                  | 100         | --               | --        | --       |
|          | 9/22/2001  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 9.03         | 10.16        | 20,000            | 2,900          | <200           | 2,500               | 270                  | <1000       | --               | --        | --       |
|          | 12/27/2001 | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 7.93         | 11.26        | 15,000            | 2,000          | <50            | 1,700               | 140                  | 290         | --               | --        | --       |
|          | 3/15/2002  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 7.89         | 11.30        | 12,000            | 1,800          | <50            | 1,400               | 79                   | <250        | --               | --        | --       |
|          | 4/18/2002  | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 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                     | 10.80               | 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                     | 10.80               | 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                     | 10.80               | 7.45         | 11.74        | 6,000             | 680            | <50            | 800                 | <50                  | <50         | --               | 0.9       | 6.8      |
|          | 4/7/2003   | --    |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 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                     | 10.80               | 8.75         | --           | 12,000            | 1,500          | 27             | 1,700               | 42                   | 160         | --               | --        | 6.4      |
|          | 10/23/2003 | NP    | a     | 19.19             | 7.00                   | 12.00                     | 10.80               | 8.96         | 10.23        | 14,000            | 1,700          | <25            | 1,600               | <25                  | 220         | 1470             | --        | --       |
|          | 01/12/2004 | P     |       | 19.19             | 7.00                   | 12.00                     | 10.80               | 7.99         | 11.20        | 8,800             | 1,100          | <25            | 980                 | <25                  | 140         | 1392             | 0.2       | 7.2      |
|          | 04/20/2004 | NP    | a     | 24.78             | 7.00                   | 12.00                     | 10.80               | 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                     | 10.80               | 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                     | 10.80               | 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                     | 10.80               | 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                     | 10.80               | 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                     | 10.80               | 7.05         | 17.73        | --                | --             | --             | --                  | --                   | --          | 630              | --        | 6.6      |
|          | 08/02/2005 | NP    |       | 24.78             | 7.00                   | 12.00                     | 10.80               | 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                     | 10.80               | 8.31         | 16.47        | 9,700             | 600            | 5.5            | 210                 | 11                   | 64          | 1500             | 1.45      | 6.8      |
| MW-2     | 7/18/1990  | --    |       | 22.06             | 8.00                   | 12.00                     | 12.10               | 7.86         | 14.20        | 35,000            | 3,800          | 2,900          | 690                 | 3,600                | --          | --               | --        | --       |
|          | 10/15/1990 | --    |       | 22.06             | 8.00                   | 12.00                     | 12.10               | 8.61         | 13.45        | 6,400             | 650            | 290            | 110                 | 560                  | --          | --               | --        | --       |
|          | 1/9/1991   | --    |       | 22.06             | 8.00                   | 12.00                     | 12.10               | 8.43         | 13.63        | 13,000            | 1,500          | 970            | 390                 | 1,500                | --          | --               | --        | --       |
|          | 4/16/1991  | --    |       | 22.06             | 8.00                   | 12.00                     | 12.10               | 6.97         | 15.09        | 54,000            | 5,200          | 9,000          | 1,500               | 7,700                | --          | --               | --        | --       |
|          | 6/10/1991  | --    |       | 21.33             | 8.00                   | 12.00                     | 12.10               | 7.91         | 13.42        | 26,000            | 3,000          | 2,500          | 880                 | 4,200                | --          | --               | --        | --       |
|          | 10/10/1991 | --    |       | 21.33             | 8.00                   | 12.00                     | 12.10               | 8.82         | 12.51        | 10,000            | 1,600          | 910            | 280                 | 1,400                | --          | --               | --        | --       |
|          | 3/23/1992  | --    |       | 21.33             | 8.00                   | 12.00                     | 12.10               | 6.86         | 14.47        | 33,000            | 4,100          | 5,000          | 1,100               | 5,300                | --          | --               | --        | --       |
|          | 6/8/1992   | --    |       | 21.33             | 8.00                   | 12.00                     | 12.10               | 7.95         | 13.38        | 18,000            | 1,200          | 980            | 330                 | 1,800                | --          | --               | --        | --       |
|          | 9/15/1992  | --    |       | 21.33             | 8.00                   | 12.00                     | 12.10               | 8.71         | 12.62        | 13,000            | 430            | 500            | 340                 | 1,800                | --          | --               | --        | --       |

**Table 1**  
**Groundwater Elevation and Analytical Data**  
 ARCO Service Station #0601  
 712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes    | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Ben- zene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi- VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|----------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|------------------|----------------|-----------------------|----------------------|-------------|-------------------|-----------|----------|
| MW-2     | 11/16/1992 | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 7.93         | 13.40        | 13,000            | 900              | 940            | 300                   | 1,400                | --          | --                | --        | --       |
|          | 2/16/1993  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 6.02         | 15.31        | 20,000            | 1,800            | 1,200          | 530                   | 2,700                | --          | --                | --        | --       |
|          | 5/13/1993  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 6.99         | 14.34        | 13,000            | 1,000            | 470            | 370                   | 1,900                | --          | --                | --        | --       |
|          | 8/17/1993  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 7.85         | 13.48        | 9,100             | 770              | 160            | 310                   | 1,500                | --          | --                | --        | --       |
|          | 11/8/1993  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 8.12         | 13.21        | 9,200             | 380              | 62             | 130                   | 630                  | --          | --                | --        | --       |
|          | 2/14/1994  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 6.88         | 14.45        | 8,700             | 670              | 370            | 50                    | 1,400                | --          | --                | --        | --       |
|          | 5/5/1994   | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 7.51         | 13.82        | 5,600             | 390              | 140            | 120                   | 480                  | --          | --                | --        | --       |
|          | 8/4/1994   | --    | n (T, E) | 21.33             | 8.00                   | 12.00                     | 12.10               | 8.00         | 13.33        | 2,300             | 180              | <2.5           | <2.5                  | 230                  | --          | --                | --        | --       |
|          | 11/20/1994 | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 6.86         | 14.47        | 4,900             | 170              | 150            | 120                   | 390                  | --          | --                | --        | --       |
|          | 3/17/1995  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 6.12         | 15.21        | 10,000            | 460              | 77             | 260                   | 550                  | --          | --                | --        | --       |
|          | 6/1/1995   | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 6.56         | 14.77        | 13,000            | 400              | 78             | 210                   | 410                  | --          | --                | --        | --       |
|          | 8/31/1995  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 7.18         | 14.15        | 5,000             | 280              | 18             | 120                   | 140                  | <50         | --                | --        | --       |
|          | 11/27/1995 | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 7.39         | 13.94        | 3,200             | 230              | 12             | 77                    | 90                   | --          | --                | --        | --       |
|          | 2/22/1996  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 5.78         | 15.55        | 11,000            | 290              | 67             | 190                   | 330                  | <50         | --                | --        | --       |
|          | 5/20/1996  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 6.27         | 15.06        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 8/26/1996  | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 7.30         | 14.03        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 11/20/1996 | --    |          | 21.33             | 8.00                   | 12.00                     | 12.10               | 7.28         | 14.05        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 3/24/1997  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.11         | 14.01        | 4,800             | 570              | 6              | 71                    | 32                   | 67          | --                | --        | --       |
|          | 5/23/1997  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.44         | 13.68        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 8/19/1997  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.64         | 13.48        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 11/19/1997 | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.70         | 13.42        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 2/19/1998  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 5.22         | 15.90        | 2,000             | 160              | 50             | 66                    | 230                  | 25          | --                | --        | --       |
|          | 4/23/1998  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 6.24         | 14.88        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 7/27/1998  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.02         | 14.10        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 10/14/1998 | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.54         | 13.58        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 1/21/1999  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.15         | 13.97        | 1,700             | 84               | 4              | 31                    | 10                   | 13          | --                | 0.5       | --       |
|          | 5/6/1999   | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 6.95         | 14.17        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 8/23/1999  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.49         | 13.63        | --                | --               | --             | --                    | --                   | --          | --                | 0.68      | --       |
|          | 10/28/1999 | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.92         | 13.20        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 2/4/2000   | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 6.61         | 14.51        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 6/20/2000  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.12         | 14.00        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 9/29/2000  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.60         | 13.52        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 12/17/2000 | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.42         | 13.70        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 3/28/2001  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 6.84         | 14.28        | 838               | 18.1             | <5.0           | 7.63                  | 5.98                 | 39.5        | --                | --        | --       |
|          | 6/20/2001  | --    |          | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.66         | 13.46        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-2     | 9/22/2001  | --    |       | 21.12             | 8.00                   | 12.00                     | 12.10               | 8.08         | 13.04        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 12/27/2001 | --    |       | 21.12             | 8.00                   | 12.00                     | 12.10               | 6.48         | 14.64        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 3/15/2002  | --    |       | 21.12             | 8.00                   | 12.00                     | 12.10               | 6.84         | 14.28        | 100               | <0.5           | <0.5           | 2.5                 | <0.5                 | 75          | --               | --        | --       |
|          | 4/18/2002  | --    |       | 21.12             | 8.00                   | 12.00                     | 12.10               | 6.19         | 14.93        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 7/23/2002  | --    |       | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.73         | 13.39        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 10/16/2002 | --    |       | 21.12             | 8.00                   | 12.00                     | 12.10               | 8.10         | 13.02        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 1/23/2003  | P     | g     | 21.12             | 8.00                   | 12.00                     | 12.10               | 6.52         | 14.60        | <5,000            | <50            | <50            | <50                 | <50                  | 95          | --               | 1.6       | 7.2      |
|          | 4/7/2003   | --    |       | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.22         | 13.90        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 8/7/2003   | --    |       | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.84         | 13.28        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 10/23/2003 | P     | m     | 21.12             | 8.00                   | 12.00                     | 12.10               | 7.95         | 13.17        | <250              | <2.5           | <2.5           | <2.5                | 4.2                  | 68          | --               | --        | --       |
|          | 01/12/2004 | --    |       | 21.12             | 8.00                   | 12.00                     | 12.10               | 6.60         | 14.52        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 04/20/2004 | --    |       | 23.87             | 8.00                   | 12.00                     | 12.10               | 8.32         | 15.55        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 07/01/2004 | P     | o     | 23.87             | 8.00                   | 12.00                     | 12.10               | 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                     | 12.10               | 7.30         | 16.57        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 01/10/2005 | --    |       | 23.87             | 8.00                   | 12.00                     | 12.10               | 5.87         | 18.00        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 04/14/2005 | --    |       | 23.87             | 8.00                   | 12.00                     | 12.10               | 5.75         | 18.12        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 08/02/2005 | P     |       | 23.87             | 8.00                   | 12.00                     | 12.10               | 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                     | 12.10               | 7.12         | 16.75        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
| MW-3     | 7/18/1990  | --    |       | 20.84             | 8.00                   | 12.00                     | 11.85               | 7.03         | 13.81        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 10/15/1990 | --    | i, l  | 20.84             | 8.00                   | 12.00                     | 11.85               | 8.19         | 12.65        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 1/9/1991   | --    | i, l  | 20.84             | 8.00                   | 12.00                     | 11.85               | 7.46         | 13.38        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 4/16/1991  | --    | a     | 20.84             | 8.00                   | 12.00                     | 11.85               | 7.95         | 12.89        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 6/10/1991  | --    | a     | 20.11             | 8.00                   | 12.00                     | 11.85               | 7.14         | 12.97        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 10/10/1991 | --    | i, l  | 20.11             | 8.00                   | 12.00                     | 11.85               | 7.82         | 12.29        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 3/23/1992  | --    | a     | 20.11             | 8.00                   | 12.00                     | 11.85               | 5.75         | 14.36        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 6/8/1992   | --    | i, l  | 20.11             | 8.00                   | 12.00                     | 11.85               | 7.52         | 12.59        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 9/15/1992  | --    | i, l  | 20.11             | 8.00                   | 12.00                     | 11.85               | 8.01         | 12.10        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 11/16/1992 | --    | a     | 20.11             | 8.00                   | 12.00                     | 11.85               | 7.11         | 13.00        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 2/16/1993  | --    | i, l  | 20.11             | 8.00                   | 12.00                     | 11.85               | 5.93         | 14.18        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 5/13/1993  | --    | i, l  | 20.11             | 8.00                   | 12.00                     | 11.85               | 6.37         | 13.74        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 8/17/1993  | --    | i, l  | 20.11             | 8.00                   | 12.00                     | 11.85               | 7.00         | 13.11        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 11/8/1993  | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 7.31         | 12.80        | 430,000           | 4,100          | 14,000         | 6,400               | 37,000               | --          | --               | --        | --       |
|          | 2/14/1994  | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 5.81         | 14.30        | 85,000            | 4,200          | 12,000         | 2,500               | 16,000               | --          | --               | --        | --       |
|          | 5/5/1994   | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 6.81         | 13.30        | 560,000           | 4,600          | 14,000         | 5,300               | 40,000               | --          | --               | --        | --       |
|          | 8/4/1994   | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 7.31         | 12.80        | 64,000            | 4,200          | 7,600          | 1,700               | 12,000               | --          | --               | --        | --       |

**Table 1**  
**Groundwater Elevation and Analytical Data**  
 ARCO Service Station #0601  
 712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-3     | 11/20/1994 | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 5.88         | 14.23        | 80,000            | 4,700          | 9,700          | 2,400               | 15,000               | --          | --               | --        | --       |
|          | 3/17/1995  | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 5.46         | 14.65        | 370,000           | 4,800          | 12,000         | 5,800               | 34,000               | --          | --               | --        | --       |
|          | 6/1/1995   | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 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                     | 11.85               | 6.60         | 13.52        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 11/27/1995 | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 6.76         | 13.35        | 150,000           | 5,100          | 8,800          | 3,900               | 21,000               | --          | --               | --        | --       |
|          | 2/22/1996  | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 5.14         | 14.97        | 150,000           | 4,400          | 7,600          | 4,100               | 22,000               | <3,000      | --               | --        | --       |
|          | 5/20/1996  | --    |       | 20.11             | 8.00                   | 12.00                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 6.98         | 16.01        | 130,000           | 2,100          | 4,300          | 3,500               | 19,000               | <700        | --               | --        | --       |
|          | 8/19/1997  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 7.25         | 15.74        | 100,000           | 2,000          | 3,200          | <100                | 19,000               | <600        | --               | --        | --       |
|          | 11/19/1997 | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 7.25         | 15.74        | 93,000            | 1,700          | 2,400          | 2,800               | 16,000               | <600        | --               | --        | --       |
|          | 2/19/1998  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 5.24         | 17.75        | 80,000            | 620            | 1,200          | 2,500               | 13,000               | <600        | --               | --        | --       |
|          | 4/23/1998  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 6.53         | 16.46        | 51,000            | 440            | 930            | 2,200               | 9,200                | <150        | --               | 0.67      | --       |
| *        | 10/28/1999 | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 7.50         | 15.49        | 1,400,00          | 830            | 4,100          | 15,000              | 78,000               | <5,000      | --               | 0.77      | --       |
|          | 2/4/2000   | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 6.21         | 16.78        | <50               | <0.5           | <0.5           | <0.5                | <1                   | 650         | --               | 1.61      | --       |
|          | 6/20/2000  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 6.22         | 16.77        | 45,000            | 670            | 990            | 2,400               | 12,000               | <500        | --               | --        | --       |
|          | 9/29/2000  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 7.20         | 15.79        | 51,000            | 860            | 1,120          | 2,720               | 12,900               | <250        | --               | --        | --       |
|          | 12/17/2000 | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 3/28/2001  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 6.10         | 16.89        | 43,500            | 804            | <200           | 250                 | 11,000               | <1,000      | --               | --        | --       |
|          | 6/20/2001  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 6.14         | 16.85        | 62,000            | 1,000          | 850            | 2,800               | 13,000               | <2,500      | --               | --        | --       |
|          | 9/22/2001  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 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                     | 11.85               | 7.00         | 15.99        | 44,000            | 860            | 840            | 2,300               | 10,000               | <250        | --               | --        | --       |
|          | 3/15/2002  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               | 7.02         | 15.97        | 43,000            | 1,000          | 810            | 2,300               | 11,000               | <250        | --               | --        | --       |
|          | 4/18/2002  | --    |       | 22.99             | 8.00                   | 12.00                     | 11.85               |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 7/23/2002  | P     | d     | 22.99             | 8.00                   | 12.00                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 7.05         | 15.94        | 48,000            | 620            | 450            | 2,200               | 11,000               | <50         | --               | 1.4       | 6.9      |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-3     | 8/7/2003   | --    | m     | --                | 8.00                   | 12.00                     | 11.85               | 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                     | 11.85               | 7.05         | 15.94        | 36,000            | 340            | 250            | 1,700               | 8,300                | <25         | --               | --        | --       |
|          | 01/12/2004 | NP    | ✓     | 22.99             | 8.00                   | 12.00                     | 11.85               | 5.93         | 17.06        | 1,100             | <5.0           | <5.0           | <5.0                | 34                   | <5.0        | --               | 3.2       | 9.5      |
|          | 04/20/2004 | P     |       | 22.63             | 8.00                   | 12.00                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | --           | --           | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 11/23/2004 | P     |       | 22.63             | 8.00                   | 12.00                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 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                     | 11.85               | 6.55         | 16.08        | 39,000            | 230            | 160            | 1,500               | 7,400                | <50         | --               | 1.05      | 7.0      |
| MW-4     | 6/10/1991  | --    | b     | 20.75             | 6.00                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 10/10/1991 | --    | b     | 20.75             | 6.00                   | 9.00                      | --                  |              |              | 15,000            | 5,300          | 1,500          | 470                 | 1,300                | --          | --               | --        | --       |
|          | 3/23/1992  | --    | b     | 20.75             | 6.00                   | 9.00                      | --                  |              |              | 24,000            | 5,600          | 4,000          | 580                 | 3,100                | --          | --               | --        | --       |
|          | 6/8/1992   | --    | b     | 20.75             | 6.00                   | 9.00                      | --                  |              |              | 5,700             | 2,000          | 170            | 92                  | 270                  | --          | --               | --        | --       |
|          | 9/15/1992  | --    | b     | 20.75             | 6.00                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 11/16/1992 | --    | b     | 20.75             | 6.00                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 2/16/1993  | --    |       | 20.75             | 6.00                   | 9.00                      | --                  | 7.10         | 13.65        | 12,000            | 920            | 1,100          | 130                 | 750                  | --          | --               | --        | --       |
|          | 5/13/1993  | --    |       | 20.75             | 6.00                   | 9.00                      | --                  | 7.02         | 13.73        | 19,000            | 2,900          | 2,800          | 360                 | 1,900                | --          | --               | --        | --       |
|          | 8/17/1993  | --    |       | 20.75             | 6.00                   | 9.00                      | --                  | 7.85         | 12.90        | 8,100             | 1,600          | 1,300          | 170                 | 730                  | --          | --               | --        | --       |
|          | 11/8/1993  | --    | b     | 20.75             | 6.00                   | 9.00                      | --                  |              |              | 2,000             | 540            | 110            | 10                  | 240                  | --          | --               | --        | --       |
|          | 2/14/1994  | --    | b     | 20.75             | 6.00                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 5/5/1994   | --    |       | 20.75             | 6.00                   | 9.00                      | --                  | 7.73         | 13.02        | 1,900             | 510            | 78             | 31                  | 150                  | --          | --               | --        | --       |
|          | 8/4/1994   | --    | n (E) | 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         | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-4     | 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      | --       |
|          | 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     | --                | 6.00                   | 9.00                      | --                  | 7.45         | --           | 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    |       | 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      |
| MW-5     | 6/10/1991  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 7.58         | 13.32        | 100,000           | 25,000         | 20,000         | 2,600               | 12,000               | --          | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-5     | 10/10/1991 | --    | a     | 20.9              | 6.00                   | 10.50                     | --                  | 8.51         | 12.39        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 3/23/1992  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 6.06         | 14.84        | 150,000           | 24,000         | 31,000         | 4,400               | 23,000               | --          | --               | --        | --       |
|          | 6/8/1992   | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 7.66         | 13.24        | 120,000           | 17,000         | 13,000         | 2,400               | 11,000               | --          | --               | --        | --       |
|          | 9/15/1992  | --    | I     | 20.9              | 6.00                   | 10.50                     | --                  | 8.40         | 12.50        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 11/16/1992 | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 7.70         | 13.20        | 110,000           | 16,000         | 16,000         | 3,200               | 18,000               | --          | --               | --        | --       |
|          | 2/16/1993  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 5.64         | 15.26        | 150,000           | 12,000         | 15,000         | 3,000               | 17,000               | --          | --               | --        | --       |
|          | 5/13/1993  | --    | I     | 20.9              | 6.00                   | 10.50                     | --                  | 6.68         | 14.22        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 8/17/1993  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 7.49         | 13.41        | 87,000            | 15,000         | 8,500          | 1,900               | 11,000               | --          | --               | --        | --       |
|          | 11/8/1993  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 7.93         | 12.97        | 87,000            | 12,000         | 8,300          | 2,000               | 12,000               | --          | --               | --        | --       |
|          | 2/14/1994  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 6.49         | 14.41        | 46,000            | 7,300          | 5,300          | 940                 | 5,200                | --          | --               | --        | --       |
|          | 5/5/1994   | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 7.18         | 13.72        | 54,000            | 9,700          | 4,700          | 1,000               | 6,400                | --          | --               | --        | --       |
|          | 8/4/1994   | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 7.83         | 13.07        | 57,000            | 14,000         | 3,200          | 1,200               | 7,200                | --          | --               | --        | --       |
|          | 11/20/1994 | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 6.34         | 14.56        | 33,000            | 5,700          | 1,800          | 720                 | 4,700                | --          | --               | --        | --       |
|          | 3/17/1995  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 5.51         | 15.39        | 48,000            | 6,400          | 2,000          | 740                 | 5,100                | --          | --               | --        | --       |
|          | 6/1/1995   | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 6.55         | 14.35        | 76,000            | 11,000         | 5,400          | 1,400               | 7,700                | --          | --               | --        | --       |
|          | 8/31/1995  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 6.80         | 14.10        | 53,000            | 12,000         | 1,600          | 1,000               | 6,000                | <500        | --               | --        | --       |
|          | 11/27/1995 | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 7.13         | 13.77        | 43,000            | 7,900          | 3,300          | 950                 | 4,900                | --          | --               | --        | --       |
|          | 2/22/1996  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 5.12         | 15.78        | 52,000            | 9,100          | 3,300          | 940                 | 5,000                | <500        | --               | --        | --       |
|          | 5/20/1996  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 5.87         | 15.03        | 55,000            | 9,300          | 3,800          | 1,100               | 5,400                | <500        | --               | --        | --       |
|          | 8/26/1996  | --    |       | 20.9              | 6.00                   | 10.50                     | --                  | 7.15         | 13.75        | 47,000            | 5,300          | 2,100          | 780                 | 3,200                | <300        | --               | --        | --       |
|          | 11/20/1996 | --    |       | 20.9              | 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        | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-5     | 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      |
|          | 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    |       | 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      |
| MW-6     | 6/10/1991  | --    | b     | 22.08             | 5.50                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 10/10/1991 | --    | b     | 22.08             | 5.50                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 3/23/1992  | --    |       | 22.08             | 5.50                   | 9.00                      | --                  | 7.45         | 14.63        | 75,000            | 19,000         | 10,000         | 1,600               | 8,600                | --          | --               | --        | --       |
|          | 6/8/1992   | --    | b     | 22.08             | 5.50                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 9/15/1992  | --    | b     | 22.08             | 5.50                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 11/16/1992 | --    | b     | 22.08             | 5.50                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 2/16/1993  | --    |       | 22.08             | 5.50                   | 9.00                      | --                  | 6.79         | 15.29        | 65,000            | 14,000         | 3,500          | 1,300               | 6,100                | --          | --               | --        | --       |
|          | 5/13/1993  | --    |       | 22.08             | 5.50                   | 9.00                      | --                  | 7.73         | 14.35        | 36,000            | 8,200          | 870            | 1,000               | 5,200                | --          | --               | --        | --       |
|          | 8/17/1993  | --    | b     | 22.08             | 5.50                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 11/8/1993  | --    | b     | 22.08             | 5.50                   | 9.00                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 2/14/1994  | --    |       | 22.08             | 5.50                   | 9.00                      | --                  | 7.78         | 14.30        | 47,000            | 14,000         | 390            | 1,000               | 5,100                | --          | --               | --        | --       |
|          | 5/5/1994   | --    | n (T) | 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                      | --                  |              |              | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-6     | 11/20/1994 | --    | n (T) | 22.08             | 5.50                   | 9.00                      | --                  | 7.41         | 14.67        | 30,000            | 11,000         | <100           | 1,200               | 2,300                | --          | --               | --        | --       |
|          | 3/17/1995  | --    | n (T) | 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      | --       |
|          | 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      |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethyl-benzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|----------------------|----------------------|-------------|------------------|-----------|----------|
| MW-6     | 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     | 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      |
| 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                 | --          | --               | --        | --       |
|          | 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        | --                | --             | --             | --                   | --                   | --          | --               | --        | --       |



Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes       | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Ben- zene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi- VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|------------------|----------------|-----------------------|----------------------|-------------|-------------------|-----------|----------|
| MW-8     | 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 (T)       | 20.97             | 6.50                   | 10.50                     | --                  | 5.81         | 15.16        | 8,000             | 18               | <5             | 320                   | 42                   | --          | --                | --        | --       |
|          | 6/8/1992   | --    | n (B, T, X) | 20.97             | 6.50                   | 10.50                     | --                  | 8.01         | 12.96        | 4,000             | <10              | <10            | 110                   | <10                  | --          | --                | --        | --       |
|          | 9/15/1992  | --    | n (T, X)    | 20.97             | 6.50                   | 10.50                     | --                  | 8.80         | 12.17        | 4,200             | 6.4              | <5             | 120                   | <5                   | --          | --                | --        | --       |
|          | 11/16/1992 | --    | n (T)       | 20.97             | 6.50                   | 10.50                     | --                  | 8.19         | 12.78        | 2,600             | 4                | <2.5           | 21                    | 5.2                  | --          | --                | --        | --       |
|          | 2/16/1993  | --    | n (B, T, X) | 20.97             | 6.50                   | 10.50                     | --                  | 5.84         | 15.13        | 8,700             | <5               | <5             | 200                   | <5                   | --          | --                | --        | --       |
|          | 5/13/1993  | --    | n (B, T, X) | 20.97             | 6.50                   | 10.50                     | --                  | 6.93         | 14.04        | 2,300             | <5               | <5             | 42                    | <5                   | --          | --                | --        | --       |
|          | 8/17/1993  | --    | n (T)       | 20.97             | 6.50                   | 10.50                     | --                  | 7.87         | 13.10        | 1,700             | 1.8              | <1.3           | 16                    | 1.2                  | --          | --                | --        | --       |
|          | 11/8/1993  | --    | n (T)       | 20.97             | 6.50                   | 10.50                     | --                  | 8.31         | 12.66        | 1,200             | 2.4              | <1             | 19                    | 2.3                  | --          | --                | --        | --       |
|          | 2/14/1994  | --    | n (T, X)    | 20.97             | 6.50                   | 10.50                     | --                  | 7.00         | 13.97        | 3,600             | 3                | <1             | 72                    | <1                   | --          | --                | --        | --       |
|          | 5/5/1994   | --    | n (B, T, X) | 20.97             | 6.50                   | 10.50                     | --                  | 7.46         | 13.51        | 2,100             | <2.5             | <2.5           | 8.3                   | <2.5                 | --          | --                | --        | --       |
|          | 8/4/1994   | --    | n (T, X)    | 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 (B, T, X) | 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       | --       |
|          | 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         | --                | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-8     | 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    |       | 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 | --    | p     | 23.55             | 6.50                   | 10.50                     | --                  | --           | --           | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
| MW-9     | 6/11/1993  | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 8.15         | 12.74        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 8/17/1993  | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 8.53         | 12.36        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 11/8/1993  | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 8.87         | 12.02        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 2/14/1994  | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 7.47         | 13.42        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 5/5/1994   | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 8.04         | 12.85        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 8/4/1994   | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 8.78         | 12.11        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 11/20/1994 | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 6.83         | 14.06        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 3/17/1995  | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 6.94         | 13.95        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 6/1/1995   | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 8.15         | 12.74        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 8/31/1995  | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 8.10         | 12.79        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <3          | --               | --        | --       |
|          | 11/27/1995 | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 8.38         | 12.51        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 2/22/1996  | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 7.36         | 13.53        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <3          | --               | --        | --       |
|          | 5/20/1996  | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 7.81         | 13.08        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Ben- zene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi- VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|------------------|----------------|-----------------------|----------------------|-------------|-------------------|-----------|----------|
| MW-9     | 8/26/1996  | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 8.00         | 12.89        | <50               | <0.50            | <0.50          | <0.50                 | <0.50                | <3          | --                | --        | --       |
|          | 11/20/1996 | --    |       | 20.89             | 6.00                   | 19.50                     | 15.90               | 7.06         | 13.83        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 3/24/1997  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 7.74         | 14.52        | <50               | <0.50            | <0.50          | <0.50                 | <0.50                | <3          | --                | --        | --       |
|          | 5/23/1997  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.28         | 13.98        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 8/19/1997  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.32         | 13.94        | <50               | <0.50            | <0.50          | <0.50                 | <0.50                | <3          | --                | --        | --       |
|          | 11/19/1997 | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.32         | 13.94        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 2/19/1998  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 7.11         | 15.15        | <50               | <0.50            | <0.50          | <0.50                 | <0.50                | <3          | --                | --        | --       |
|          | 4/23/1998  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.18         | 14.08        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 7/27/1998  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 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                     | 15.90               | 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                     | 15.90               | 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                     | 15.90               | 7.27         | 14.99        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 8/23/1999  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 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                     | 15.90               | 8.63         | 13.63        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 2/4/2000   | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.01         | 14.25        | <50               | <0.50            | 1.6            | <0.50                 | <1                   | <3          | --                | 1.47      | --       |
|          | 6/20/2000  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.01         | 14.25        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 9/29/2000  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.44         | 13.82        | <50               | <0.5             | <0.5           | <0.5                  | <0.5                 | 3.44        | --                | --        | --       |
|          | 12/17/2000 | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 7.84         | 14.42        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 3/28/2001  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 7.58         | 14.68        | <50               | <0.5             | <0.5           | <0.5                  | <0.5                 | <2.5        | --                | --        | --       |
|          | 6/20/2001  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 7.75         | 14.51        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 9/22/2001  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.69         | 13.57        | <50               | <0.5             | <0.5           | <0.5                  | <0.5                 | 7.8         | --                | --        | --       |
|          | 12/27/2001 | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 7.15         | 15.11        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 3/15/2002  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 7.23         | 15.03        | <50               | < 0.5            | < 0.5          | < 0.5                 | <0.5                 | <2.5        | --                | --        | --       |
|          | 4/18/2002  | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 6.79         | 15.47        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 7/23/2002  | P     |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 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                     | 15.90               | 8.64         | 13.62        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 1/23/2003  | P     | g     | 22.26             | 6.00                   | 19.50                     | 15.90               | 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                     | 15.90               | 7.81         | 14.45        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 8/7/2003   | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.31         | 13.95        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 10/23/2003 | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 8.48         | 13.78        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 01/12/2004 | --    |       | 22.26             | 6.00                   | 19.50                     | 15.90               | 7.46         | 14.80        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 04/20/2004 | --    |       | 23.64             | 6.00                   | 19.50                     | 15.90               | 8.65         | 14.99        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 07/01/2004 | P     |       | 23.64             | 6.00                   | 19.50                     | 15.90               | 9.03         | 14.61        | <50               | <0.50            | <0.50          | <0.50                 | <0.50                | 3.2         | --                | 1.3       | 6.9      |
|          | 11/04/2004 | --    |       | 23.64             | 6.00                   | 19.50                     | 15.90               | 7.60         | 16.04        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 01/10/2005 | --    |       | 23.64             | 6.00                   | 19.50                     | 15.90               | 6.24         | 17.40        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-9     | 04/14/2005 | --    |       | 23.64             | 6.00                   | 19.50                     | 15.90               | 6.90         | 16.74        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 08/02/2005 | NP    |       | 23.64             | 6.00                   | 19.50                     | 15.90               | 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                     | 15.90               | 8.09         | 15.55        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
| MW-10    | 6/11/1993  | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 8.14         | 12.98        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 8/17/1993  | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 8.54         | 12.58        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 11/8/1993  | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 8.70         | 12.42        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 2/14/1994  | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 7.13         | 13.99        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 5/5/1994   | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 8.08         | 13.04        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 8/4/1994   | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 8.84         | 12.28        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 11/20/1994 | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 7.05         | 14.07        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 3/17/1995  | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 6.26         | 14.86        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 6/1/1995   | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 7.63         | 13.49        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 8/31/1995  | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 8.17         | 12.95        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <3          | --               | --        | --       |
|          | 11/27/1995 | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 8.38         | 12.74        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | --          | --               | --        | --       |
|          | 2/22/1996  | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 5.41         | 15.71        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <3          | --               | --        | --       |
|          | 5/20/1996  | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 6.78         | 14.34        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 8/26/1996  | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 8.00         | 13.12        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <3          | --               | --        | --       |
|          | 11/20/1996 | --    |       | 21.12             | 6.00                   | 16.50                     | 11.90               | 7.81         | 13.31        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 3/24/1997  | --    |       | 21.33             | 6.00                   | 16.50                     | 11.90               | 7.87         | 13.46        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <3          | --               | --        | --       |
|          | 5/23/1997  | --    |       | 21.33             | 6.00                   | 16.50                     | 11.90               | 8.33         | 13.00        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 8/19/1997  | --    |       | 21.33             | 6.00                   | 16.50                     | 11.90               | 8.39         | 12.94        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <3          | --               | --        | --       |
|          | 11/19/1997 | --    |       | 21.33             | 6.00                   | 16.50                     | 11.90               | 8.39         | 12.94        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <3          | --               | --        | --       |
|          | 2/19/1998  | --    |       | 21.33             | 6.00                   | 16.50                     | 11.90               | 4.65         | 16.68        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <3          | --               | --        | --       |
|          | 4/23/1998  | --    |       | 21.33             | 6.00                   | 16.50                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 8.40         | 12.93        | <50               | <0.5           | <0.5           | <0.5                | <0.5                 | <2.5        | --               | --        | --       |
|          | 12/17/2000 | --    |       | 21.33             | 6.00                   | 16.50                     | 11.90               | 7.91         | 13.42        | <50               | <0.5           | <0.5           | <0.5                | <0.5                 | <2.5        | --               | --        | --       |
|          | 3/28/2001  | --    |       | 21.33             | 6.00                   | 16.50                     | 11.90               | 7.47         | 13.86        | <50               | <0.5           | <0.5           | <0.5                | <0.5                 | <2.5        | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes       | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-10    | 6/20/2001  | --    |             | 21.33             | 6.00                   | 16.50                     | 11.90               | 8.11         | 13.22        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | <2.5        | --               | --        | --       |
|          | 9/22/2001  | --    |             | 21.33             | 6.00                   | 16.50                     | 11.90               | 8.77         | 12.56        | <50               | < 0.5          | < 0.5          | <0.5                | <0.5                 | <2.5        | --               | --        | --       |
|          | 12/27/2001 | --    |             | 21.33             | 6.00                   | 16.50                     | 11.90               | 6.94         | 14.39        | <50               | < 0.5          | < 0.5          | <0.5                | <0.5                 | <2.5        | --               | --        | --       |
|          | 3/15/2002  | --    |             | 21.33             | 6.00                   | 16.50                     | 11.90               | 7.48         | 13.85        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | <2.5        | --               | --        | --       |
|          | 4/18/2002  | --    |             | 21.33             | 6.00                   | 16.50                     | 11.90               | 6.77         | 14.56        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | 3.8         | --               | 1.22      | --       |
|          | 7/23/2002  | NP    |             | 21.33             | 6.00                   | 16.50                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 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                     | 11.90               | 8.71         | 12.62        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 01/12/2004 | NP    |             | 21.33             | 6.00                   | 16.50                     | 11.90               | 7.25         | 14.08        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | 1.7         | --               | 8.2       | 7.5      |
|          | 04/20/2004 | --    |             | 23.42             | 6.00                   | 16.50                     | 11.90               | 8.15         | 15.27        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 07/01/2004 | NP    |             | 23.42             | 6.00                   | 16.50                     | 11.90               | 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                     | 11.90               | 7.68         | 15.74        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 01/10/2005 | NP    |             | 23.42             | 6.00                   | 16.50                     | 11.90               | 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                     | 11.90               | 6.68         | 16.74        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 08/02/2005 | NP    |             | 23.42             | 6.00                   | 16.50                     | 11.90               | 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                     | 11.90               | 8.12         | 15.30        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
| MW-11    | 11/16/1992 | --    | n (T)       | 22.38             | 7.00                   | 12.00                     | --                  | 9.02         | 13.36        | 7,000             | 21             | <10            | 18                  | 230                  | --          | --               | --        | --       |
|          | 2/16/1993  | --    | n (B, T, X) | 22.38             | 7.00                   | 12.00                     | --                  | 7.11         | 15.27        | 2,200             | <10            | <10            | 11                  | <10                  | --          | --               | --        | --       |
|          | 5/13/1993  | --    | n (B, T)    | 22.38             | 7.00                   | 12.00                     | --                  | 8.04         | 14.34        | 1,600             | <2.5           | <2.5           | 41                  | 6.8                  | --          | --               | --        | --       |
|          | 8/17/1993  | --    | n (T)       | 22.38             | 7.00                   | 12.00                     | --                  | 8.78         | 13.60        | 830               | 1.4            | <1.0           | 25                  | 15                   | --          | --               | --        | --       |
|          | 11/8/1993  | --    | n (B, T)    | 22.38             | 7.00                   | 12.00                     | --                  | 9.23         | 13.15        | 370               | <1.0           | <1.0           | 2.5                 | 2.1                  | --          | --               | --        | --       |
|          | 2/14/1994  | --    | n (B, T)    | 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 (T)       | 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        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-11    | 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      | --       |
|          | 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 | --    |       | 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        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Ben- zene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi- VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|------------------|----------------|-----------------------|----------------------|-------------|-------------------|-----------|----------|
| MW-11    | 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        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
| 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        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 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        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-12    | 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 | --    |       | 25.32             | 7.50                   | 12.50                     | --                  | 9.28         | 16.04        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 07/01/2004 | P     |       | 25.32             | 7.50                   | 12.50                     | --                  | 9.65         | 15.67        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | <0.50       | --               | 1.8       | 7.0      |
|          | 11/04/2004 | --    |       | 25.32             | 7.50                   | 12.50                     | --                  | 8.53         | 16.79        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 01/10/2005 | --    |       | 25.32             | 7.50                   | 12.50                     | --                  | 7.04         | 18.28        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 04/14/2005 | --    |       | 25.32             | 7.50                   | 12.50                     | --                  | 6.95         | 18.37        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 08/02/2005 | --    |       | 25.32             | 7.50                   | 12.50                     | --                  | 8.05         | 17.27        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 10/21/2005 | --    |       | 25.32             | 7.50                   | 12.50                     | --                  | 8.70         | 16.62        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
| 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                 | --          | --               | --        | --       |
|          | 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        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-13    | 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        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 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 | --    |       | 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        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Ben- zene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi- VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|------------------|----------------|-----------------------|----------------------|-------------|-------------------|-----------|----------|
| MW-13    | 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        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
| 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  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 8.98         | 11.92        | <50               | < 0.5            | < 0.5          | < 0.5                 | <0.5                 | <3          | --                | --        | --       |
|          | 5/23/1997  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.61         | 11.29        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 8/19/1997  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.80         | 11.10        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |
|          | 11/19/1997 | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.80         | 11.10        | <50               | 1.7              | < 0.5          | 0.6                   | 3                    | <3          | --                | --        | --       |
|          | 2/19/1998  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 6.27         | 14.63        | <50               | < 0.5            | < 0.5          | < 0.5                 | < 0.5                | <3          | --                | --        | --       |
|          | 4/23/1998  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 7.75         | 13.15        | <50               | < 0.5            | < 0.5          | < 0.5                 | < 0.5                | <3          | --                | 0.5       | --       |
|          | 7/27/1998  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.24         | 11.66        | <50               | < 0.5            | < 0.5          | < 0.5                 | < 0.5                | <3          | --                | 1.0       | --       |
|          | 10/14/1998 | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.73         | 11.17        | <50               | < 0.5            | < 0.5          | < 0.5                 | < 0.5                | <3          | --                | 1.0       | --       |
|          | 1/21/1999  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 8.90         | 12.00        | <50               | < 0.5            | < 0.5          | < 0.5                 | < 0.5                | <3          | --                | 1.5       | --       |
|          | 5/6/1999   | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 8.98         | 11.92        | <50               | < 0.5            | < 0.5          | < 0.5                 | < 0.5                | <3          | --                | 0.73      | --       |
|          | 8/23/1999  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.68         | 11.22        | <50               | < 0.5            | < 0.5          | < 0.5                 | < 0.5                | <3          | --                | 0.91      | --       |
|          | 10/28/1999 | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 10.00        | 10.90        | <50               | < 0.5            | < 0.5          | < 0.5                 | <1                   | <10         | --                | 1.06      | --       |
|          | 2/4/2000   | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 8.19         | 12.71        | <50               | < 0.5            | 0.5            | < 0.5                 | <1                   | <3          | --                | 1.21      | --       |
|          | 6/20/2000  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.16         | 11.74        | <50               | <0.5             | <0.5           | <0.5                  | <1.0                 | <10         | --                | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-14    | 9/29/2000  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.48         | 11.42        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | <2.50       | --               | --        | --       |
|          | 12/17/2000 | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.24         | 11.66        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | <2.5        | --               | --        | --       |
|          | 3/28/2001  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 8.91         | 11.99        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | <2.5        | --               | --        | --       |
|          | 6/20/2001  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 9.70         | 11.20        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | 3.1         | --               | --        | --       |
|          | 9/22/2001  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 10.04        | 10.86        | <50               | <0.5           | <0.5           | <0.5                | <0.5                 | <2.5        | --               | --        | --       |
|          | 12/27/2001 | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 8.33         | 12.57        | <50               | <0.5           | <0.5           | <0.5                | <0.5                 | <2.5        | --               | --        | --       |
|          | 3/15/2002  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 8.75         | 12.15        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | <2.5        | --               | --        | --       |
|          | 4/18/2002  | --    |       | 20.9              | 7.50                   | 13.50                     | --                  | 8.21         | 12.69        | <50               | <0.5           | <0.5           | <0.5                | <0.5                 | <2.5        | --               | --        | --       |
|          | 7/23/2002  | NP    |       | 20.9              | 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    |       | 20.9              | 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     | 20.9              | 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   | --    |       | 20.9              | 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   | --    |       | 20.9              | 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 | --    |       | 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        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
| 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        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

ARCO Service Station #0601

712 Lewelling Blvd., San Leandro, CA

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Benzene (µg/L) | Toluene (µg/L) | Ethylbenzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi-VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|----------------|----------------|---------------------|----------------------|-------------|------------------|-----------|----------|
| MW-15    | 8/26/1996  | --    |       | 19.19             | 5.50                   | 10.50                     | --                  | 6.05         | 13.14        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | 8           | --               | --        | --       |
|          | 11/20/1996 | --    |       | 19.19             | 5.50                   | 10.50                     | --                  | 5.46         | 13.73        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 3/24/1997  | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 6.00         | 16.08        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | 15          | --               | --        | --       |
|          | 5/23/1997  | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 6.25         | 15.83        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 8/19/1997  | --    | J     | 22.08             | 5.50                   | 10.50                     | --                  | 6.34         | 15.74        | 99                | < 0.5          | < 0.5          | < 0.5               | 0.7                  | 6           | --               | --        | --       |
|          | 11/19/1997 | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 6.34         | 15.74        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 2/19/1998  | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 4.66         | 17.42        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | 48          | --               | --        | --       |
|          | 4/23/1998  | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 5.18         | 16.90        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 7/27/1998  | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 6.02         | 16.06        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | 50          | --               | 1.0       | --       |
|          | 10/14/1998 | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 6.26         | 15.82        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | 27          | --               | 1.5       | --       |
|          | 1/21/1999  | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 5.33         | 16.75        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | 6           | --               | 1.0       | --       |
|          | 5/6/1999   | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 5.82         | 16.26        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 8/23/1999  | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 6.24         | 15.84        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | 21          | --               | 1.14      | --       |
|          | 10/28/1999 | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 6.60         | 15.48        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 2/4/2000   | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 7.02         | 15.06        | <50               | < 0.5          | < 0.5          | < 0.5               | <1                   | <3          | --               | 1.09      | --       |
|          | 6/20/2000  | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 5.98         | 16.10        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 9/29/2000  | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 6.50         | 15.58        | <50               | < 0.5          | < 0.5          | < 0.5               | <0.5                 | <2.50       | --               | --        | --       |
|          | 12/17/2000 | --    |       | 22.08             | 5.50                   | 10.50                     | --                  | 5.89         | 16.19        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 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 | --    |       | 21.72             | 5.50                   | 10.50                     | --                  | 7.10         | 14.62        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 07/01/2004 | P     |       | 21.72             | 5.50                   | 10.50                     | --                  | 7.18         | 14.54        | <50               | <0.50          | <0.50          | <0.50               | <0.50                | 1.9         | --               | 1.6       | 7.3      |
|          | 11/04/2004 | --    |       | 21.72             | 5.50                   | 10.50                     | --                  | 5.90         | 15.82        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |
|          | 01/10/2005 | --    |       | 21.72             | 5.50                   | 10.50                     | --                  | 5.30         | 16.42        | --                | --             | --             | --                  | --                   | --          | --               | --        | --       |

Table 1

## Groundwater Elevation and Analytical Data

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

| Well No. | Date       | P/ NP | Notes | Top of Riser (ft) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | Well Depth (ft bgs) | DTW (ft bgs) | GWE (ft MSL) | GRO/ TPH-g (µg/L) | Ben- zene (µg/L) | Toluene (µg/L) | Ethyl- benzene (µg/L) | Total Xylenes (µg/L) | MTBE (µg/L) | Semi- VOCs (µg/L) | DO (mg/L) | pH Level |
|----------|------------|-------|-------|-------------------|------------------------|---------------------------|---------------------|--------------|--------------|-------------------|------------------|----------------|-----------------------|----------------------|-------------|-------------------|-----------|----------|
| MW-15    | 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        | --                | --               | --             | --                    | --                   | --          | --                | --        | --       |

Table 1

Groundwater Elevation and Analytical Data

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

SYMBOLS & ABBREVIATIONS:

-- = Not analyzed/applicable/measured/available  
< = Not detected at or above laboratory reporting limit  
B = Benzene  
DO = Dissolved oxygen  
DTW = Depth to water in ft bgs  
E = Ethylbenzene  
ft bgs = feet below ground surface  
ft MSL = feet above mean sea level  
GRO = Gasoline Range Organics, range C4-C12  
GWE = Groundwater elevation measured in ft MSL  
mg/L = Milligrams per liter  
MTBE = Methyl tert butyl ether  
NP = Well not purged before sampling  
P = Well purged before sampling  
Semi-VOCs = Semi-volatile organic compounds  
T = Toluene  
TPH-g = Total petroleum hydrocarbons as gasoline  
TPH-d = Total petroleum hydrocarbons as diesel, California DHS (Dept. of Health Services) LUFT (Leaking Underground Fuel Tank) Method  
ug/L = Micrograms per liter  
X = Xylenes

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  
f = 4-Methylphenol  
g = TPH, 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 = Groundwater Elevations adjusted using the formula  $GWE = (TOC - DTW) + (FPT \times 0.8)$   
j = Sample contains a higher boiling point hydrocarbon mixture quantitated as gasoline. The chromatogram did not match the typical gasoline fingerprint.  
k = Dissolved oxygen reading not taken due to the presence of sheen  
l = Free product in well  
m = Gauged with ORC sock in well  
n = Method reporting limit 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

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.

The data within this table collected prior to August 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

Table 2

**Fuel Additives Analytical Data**  
**ARCO Service Station #0601**  
**712 Lewelling Blvd., San Leandro, CA**

| Well Number | Date Sampled | Ethanol (µg/L) | TBA (µg/L) | MTBE (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | Footnotes/ Comments |
|-------------|--------------|----------------|------------|-------------|-------------|-------------|-------------|----------------|------------|---------------------|
| 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       |                     |
| MW-2        | 1/23/2003    | <4,000         | <2,000     | 95          | <50         | <50         | <50         | <50            | <50        |                     |
|             | 4/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 8/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 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      |                     |
| 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        |                     |
| 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        |                     |

Table 2

**Fuel Additives Analytical Data**  
**ARCO Service Station #0601**  
**712 Lewelling Blvd., San Leandro, CA**

| Well Number | Date Sampled | Ethanol (µg/L) | TBA (µg/L) | MTBE (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | Footnotes/ Comments |
|-------------|--------------|----------------|------------|-------------|-------------|-------------|-------------|----------------|------------|---------------------|
| MW-4        | 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                   |
| 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       |                     |
| 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      |                     |
|             | 8/7/2003     | —              | —          | —           | —           | —           | —           | —              | —          |                     |
|             | 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       |                     |
| 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      |                     |

Table 2

## Fuel Additives Analytical Data

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

| Well Number | Date Sampled | Ethanol (µg/L) | TBA (µg/L) | MTBE (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | Footnotes/ Comments |
|-------------|--------------|----------------|------------|-------------|-------------|-------------|-------------|----------------|------------|---------------------|
| MW-7        | 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      |                     |
| 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      |                     |
| MW-9        | 1/23/2003    | <40            | <20        | 2.2         | <0.50       | <0.50       | <0.50       | <0.50          | <0.50      |                     |
|             | 4/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 8/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 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      |                     |
| 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      |                     |
| MW-11       | 1/23/2003    | <40            | <20        | <0.5        | <0.50       | <0.50       | <0.50       | <0.50          | <0.50      |                     |
|             | 4/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 8/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 10/23/2003   | --             | <20        | <0.50       | <0.50       | <0.50       | <0.50       | <0.50          | <0.50      |                     |

Table 2

## Fuel Additives Analytical Data

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

| Well Number | Date Sampled | Ethanol (µg/L) | TBA (µg/L) | MTBE (µg/L) | DIPE (µg/L) | ETBE (µg/L) | TAME (µg/L) | 1,2-DCA (µg/L) | EDB (µg/L) | Footnotes/ Comments |
|-------------|--------------|----------------|------------|-------------|-------------|-------------|-------------|----------------|------------|---------------------|
| MW-11       | 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      |                     |
|             | 4/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 8/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 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      |                     |
| MW-15       | 1/23/2003    | <40            | <20        | <20         | <0.50       | <0.50       | <0.50       | <0.50          | <0.50      |                     |
|             | 4/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 8/7/2003     | --             | --         | --          | --          | --          | --          | --             | --         |                     |
|             | 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      |                     |

**Table 2**

**Fuel Additives Analytical Data**  
ARCO Service Station #0601  
712 Lewelling Blvd., San Leandro, CA

**SYMBOLS & ABBREVIATIONS :**

-- = Not analyzed/applicable/measured/available  
< = Not detected at or above the 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  
ug/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.

**NOTES:**

All volatile organic compounds analyzed using EPA Method 8260B.

The data within this table collected prior to August 2002 was provided to URS by RM and their previous consultants. URS has not verified the accuracy of this information.

**Table 3**  
**Groundwater Gradient Data**  
 ARCO Service Station #0601  
 712 Lewelling Blvd., San Leandro, CA

| Date Sampled | Approximate Flow Direction | Approximate Hydraulic Gradient |
|--------------|----------------------------|--------------------------------|
| 8/4/1994     | Southwest                  | 0.004                          |
| 11/20/1994   | Southwest                  | 0.002                          |
| 3/17/1995    | West-Southwest             | 0.006                          |
| 6/1/1995     | Southwest                  | 0.003                          |
| 8/31/1995    | South-Southwest            | 0.005                          |
| 11/27/1995   | South-Southwest            | 0.004                          |
| 2/22/1996    | Northwest                  | 0.007                          |
| 5/20/1996    | Southwest                  | 0.007                          |
| 8/26/1996    | South-Southwest            | 0.004                          |
| 11/20/1996   | South-Southeast            | 0.004                          |
| 3/24/1997    | Southeast                  | 0.013                          |
| 5/23/1997    | Southeast                  | 0.014                          |
| 8/19/1997    | Southeast                  | 0.04                           |
| 11/19/1997   | Southeast                  | 0.016                          |
| 2/19/1998    | East                       | Variable                       |
| 4/23/1998    | Variable                   | Variable                       |
| 7/27/1998    | Southeast                  | 0.05                           |
| 10/14/1998   | Southeast                  | 0.02                           |
| 1/21/1999    | East                       | 0.04                           |
| 5/6/1999     | Southeast                  | 0.05                           |
| 8/23/1999    | Southeast                  | 0.02                           |
| 10/28/1999   | Southeast                  | 0.04                           |
| 2/4/2000     | East-Southeast             | 0.053                          |
| 6/20/2000    | East-Southeast             | 0.023                          |
| 9/29/2000    | East-Southeast             | 0.023                          |
| 12/17/2000   | East-Southeast             | 0.01                           |
| 3/28/2001    | East-Southeast             | 0.014                          |
| 6/20/2001    | East-Southeast             | 0.022                          |
| 9/22/2001    | East-Southeast             | 0.025                          |
| 12/27/2001   | East-Southeast             | 0.025                          |
| 3/15/2002    | East                       | 0.015                          |
| 4/18/2002    | East                       | 0.015                          |
| 7/23/2002    | East-Southeast             | 0.025                          |
| 10/16/2002   | East-Southeast             | 0.022                          |
| 1/23/2003    | East                       | 0.020                          |
| 4/7/2003     | East-Southeast             | 0.033                          |
| 8/7/2003     | East-Southeast             | 0.047                          |
| 10/23/2003   | Southeast                  | 0.047                          |
| 1/12/2004    | Southeast                  | 0.042                          |
| 4/20/2004    | Southwest                  | 0.005                          |
| 7/1/2004     | West                       | 0.005                          |

**Table 3**

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

| <b>Date Sampled</b> | <b>Approximate Flow Direction</b> | <b>Approximate Hydraulic Gradient</b> |
|---------------------|-----------------------------------|---------------------------------------|
| 11/4/2004           | West to Southwest                 | 0.011 to 0.003                        |
| 1/10/2005           | West to North                     | 0.02 to 0.03                          |
| 4/14/2005           | Northwest to Southwest            | 0.005 to 0.02                         |
| 8/2/2005            | West to Southwest                 | 0.004 to 0.01                         |
| 10/21/2005          | Southwest                         | 0.005                                 |

**NOTES:**

Wells resurveyed on 2/27/2004

Source: The data within this table collected prior to July 2002 was provided to URS by Alameda County Environmental Health (07/17/94-03/17/95) and RM and their previous consultants (06/01/95-04/18/02). Previous consultant did not provide groundwater flow direction or gradient measurements for monitoring events occurring 07/17/90 through 05/05/94. URS has not verified the accuracy of this information.

**ATTACHMENT A**  
**FIELD PROCEDURES AND FIELD DATA SHEETS**

## **FIELD PROCEDURES**

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### **Sampling Procedures**

The sampling procedure for each well consists first of measuring the water level and depth to bottom, and checking for the presence of free phase petroleum product (free product), using either an electronic indicator and a clear Teflon<sup>TM</sup> bailer or an oil-water interface probe.

Wells not containing free product are purged approximately three casing volumes of water (or until dewatered) using a centrifugal pump, gas displacement pump, or bailer. Equipment and purging method used for the current sampling event is noted on the attached field data sheets. During purging, temperature, pH, and electrical conductivity are monitored to document that these parameters are stable prior to collecting samples. After purging, water levels are allowed to partially (approximately 80%) recover. Groundwater samples (both purge and no purge) are collected using a Teflon bailer, placed into appropriate Environmental Protection Agency- (EPA) approved containers, labeled, logged onto chain-of-custody records, and transported on ice to a California State-certified laboratory. Wells with free product are not sampled and free product is removed according to California Code of Regulation, Title 23, Div. 3, Chap. 16, Section 2655, UST Regulations.

# WELL GAUGING DATA

Project # 051021-PCL

Date 10/2/08

Client Arco-bol

Site 712 Leaveling Blvd., San Leandro

| Well ID | Well Size (in.) | Sheen / Odor     | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|---------|-----------------|------------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|-------|
| MW-1    | 4               |                  |                                  |                                      |                                    | 8.31                 | 11.12                      | TOC                      | NP    |
| MW-2    | 4               |                  |                                  |                                      |                                    | 7.12                 | 12.21                      |                          | G.O.  |
| MW-3    | 4               |                  |                                  |                                      |                                    | 6.55                 | 11.94                      |                          | 8'    |
| MW-4    | 4               |                  |                                  |                                      |                                    | 7.25                 | 8.50                       |                          | NP    |
| MW-5    | 4               |                  |                                  |                                      |                                    | 6.69                 | 10.08                      |                          | NP    |
| MW-6    | 4               |                  |                                  |                                      |                                    | 7.78                 | 8.55                       |                          | NP    |
| MW-7    | 4               |                  |                                  |                                      |                                    | 8.92                 | 9.18                       |                          | G.O.  |
| MW-8    |                 | well Parked over |                                  |                                      |                                    | -                    | -                          |                          | G.O.  |
| MW-9    | 2               |                  |                                  |                                      |                                    | 8.09                 | 16.22                      |                          | G.O.  |
| MW-10   | 2               |                  |                                  |                                      |                                    | 8.12                 | 18.69                      |                          | G.O.  |
| MW-11   | 4               |                  |                                  |                                      |                                    | 8.08                 | 11.01                      |                          | G.O.  |
| MW-12   | 4               |                  |                                  |                                      |                                    | 8.70                 | 11.61                      |                          | G.O.  |
| MW-13   | 2               |                  |                                  |                                      |                                    | 7.96                 | 12.95                      |                          | G.O.  |
| MW-14   | 2               |                  |                                  |                                      |                                    | 9.47                 | 12.98                      |                          | G.O.  |
| MW-15   | 2               |                  |                                  |                                      |                                    | 5.92                 | 10.05                      |                          | G.O.  |
|         |                 |                  |                                  |                                      |                                    |                      |                            |                          |       |
|         |                 |                  |                                  |                                      |                                    |                      |                            |                          |       |

# ARCO / BP WELL MONITORING DATA SHEET

|                          |                                   |
|--------------------------|-----------------------------------|
| BTS #: 051021-PC1        | Station # ARCO 601                |
| Sampler: PC              | Date: 10/21/05                    |
| Well I.D.: MW-1          | Well Diameter: 2 3 4 6 8          |
| Total Well Depth: 1112   | Depth to Water: 831               |
| Depth to Free Product:   | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | D.O. Meter (if req'd): YSI HACH   |

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

Purge Method: ~~Bailer~~ Disposable Bailer Positive Air Displacement Electric Submersible Extraction Pump Other: \_\_\_\_\_

Sampling Method: Bailer Disposable Bailer Extraction Port Other: \_\_\_\_\_

Top of Screen: 7' If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

|                       |   |                   |   |                   |       |
|-----------------------|---|-------------------|---|-------------------|-------|
| 1 Case Volume (Gals.) | X | Specified Volumes | = | Calculated Volume | Gals. |
|-----------------------|---|-------------------|---|-------------------|-------|

| Time | Temp (°F) | pH  | Conductivity (mS or $\mu$ S) | Gals. Removed | Observations |
|------|-----------|-----|------------------------------|---------------|--------------|
| 915  | 68.8      | 6.8 | 1366                         | -             |              |
|      |           |     |                              |               |              |
|      |           |     |                              |               |              |
|      |           |     |                              |               |              |
|      |           |     |                              |               |              |
|      |           |     |                              |               |              |

|                                                          |                                             |
|----------------------------------------------------------|---------------------------------------------|
| Did well dewater? Yes No                                 | Gallons actually evacuated:                 |
| Sampling Time: 915                                       | Sampling Date: 10/21/05                     |
| Sample I.D.: MW-1                                        | Laboratory: Pace Segrota Other: _____       |
| Analyzed for: GRO BTX MTBE DRO Oxy's 1,2-DCA EDB Ethanol | Other: _____                                |
| D.O. (if req'd):                                         | Pre-purge: _____ mg/L Post-purge: 1.45 mg/L |
| O.R.P. (if req'd):                                       | Pre-purge: _____ mV Post-purge: _____ mV    |

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

# ARCO / BP WELL MONITORING DATA SHEET

|                                 |                                       |
|---------------------------------|---------------------------------------|
| BTS #: <u>051021-PC</u>         | Station # <u>Arco 601</u>             |
| Sampler: <u>PC</u>              | Date: <u>10/21/05</u>                 |
| Well I.D.: <u>MW-3</u>          | Well Diameter: 2 3 <u>4</u> 6 8 _____ |
| Total Well Depth: <u>11.94</u>  | Depth to Water: <u>6.55</u>           |
| Depth to Free Product:          | Thickness of Free Product (feet):     |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): <u>CS</u> HACH |

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

Purge Method: ☐ Bailer      Sampling Method: ☐ Bailer  
☐ Disposable Bailer      ☒ Disposable Bailer  
☐ Positive Air Displacement      ☐ Extraction Port  
☒ Electric Submersible      Other: \_\_\_\_\_  
☐ Extraction Pump

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

|                       |   |                   |   |                   |       |
|-----------------------|---|-------------------|---|-------------------|-------|
| <u>3.5</u>            | x | <u>7</u>          | = | <u>10.5</u>       | Gals. |
| 1 Case Volume (Gals.) |   | Specified Volumes |   | Calculated Volume |       |

| Time        | Temp (°F)   | pH         | Conductivity (mS or $\mu$ S) | Gals. Removed | Observations    |
|-------------|-------------|------------|------------------------------|---------------|-----------------|
| <u>1010</u> | <u>68.4</u> | <u>7.2</u> | <u>839</u>                   | <u>3.5</u>    | <u>gas odor</u> |
| <u>1012</u> | <u>69.7</u> | <u>7.1</u> | <u>826</u>                   | <u>7</u>      | <u>↓</u>        |
| <u>1013</u> | <u>69.6</u> | <u>7.0</u> | <u>878</u>                   | <u>10.5</u>   |                 |
|             |             |            |                              |               |                 |
|             |             |            |                              |               |                 |

Did well dewater? Yes ☒ No ☐ Gallons actually evacuated: 10.5

Sampling Time: 1020 Sampling Date: 10/21/05

Sample I.D.: MW-3 Laboratory: Pace Seguela Other \_\_\_\_\_

Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol Other: \_\_\_\_\_

|                    |                       |                              |
|--------------------|-----------------------|------------------------------|
| D.O. (if req'd):   | Pre-purge: _____ mg/L | Post-purge: <u>1.05</u> mg/L |
| O.R.P. (if req'd): | Pre-purge: _____ mV   | Post-purge: _____ mV         |

# ARCO / BP WELL MONITORING DATA SHEET

|                        |                                   |
|------------------------|-----------------------------------|
| BTS #: 051021-PC1      | Station # A-0601                  |
| Sampler: PC            | Date: 10/21/05                    |
| Well I.D.: MW-4        | Well Diameter: 2 3 4 6 8          |
| Total Well Depth: 8.50 | Depth to Water: 7.26              |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PDC     | D.O. Meter (if req'd): YSI        |
| Grade                  | HACH                              |

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

**Purge Method:** ☐ Bailer  
☐ Disposable Bailer  
☐ Positive Air Displacement  
☐ Electric Submersible  
☐ Extraction Pump  
☐ Other:

Sampling Method: ☐ Bailer  
☒ Disposable Bailer  
☐ Extraction Port  
 Other: ☐

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

$$\frac{\text{1 Case Volume (Gals.)}}{\text{Specified Volumes}} \times \frac{\text{No Puffs}}{\text{Specified Volumes}} = \frac{\text{Gals.}}{\text{Calculated Volume}}$$

| Time | Temp (°F) | pH  | Conductivity<br>(mS or $\mu$ S) | Gals. Removed | Observations |
|------|-----------|-----|---------------------------------|---------------|--------------|
| 1030 | 67.5      | 6.9 | 1500                            | -             |              |
|      |           |     |                                 |               |              |
|      |           |     |                                 |               |              |
|      |           |     |                                 |               |              |
|      |           |     |                                 |               |              |

Did well dewater? Yes No Gallons actually evacuated:

Sampling Time: 1030 Sampling Date: 10/21/05

Sample I.D.: NW-4 Laboratory: Pace Sequoia Other \_\_\_\_\_

Analyzed for: GRO BTEX MTBE DRO Oxy's 1,2-DCA EDB Ethanol Other:

|                  |            |      |             |      |      |
|------------------|------------|------|-------------|------|------|
| D.O. (if req'd): | Pre-purge: | mg/L | Post-purge: | 1.99 | mg/L |
|------------------|------------|------|-------------|------|------|

|                    |            |    |             |    |
|--------------------|------------|----|-------------|----|
| O.R.P. (if req'd): | Pre-purge: | mV | Post-purge: | mV |
|--------------------|------------|----|-------------|----|

# ARCO / BP WELL MONITORING DATA SHEET

|                                 |                                        |
|---------------------------------|----------------------------------------|
| BTS #: <u>051021-pc1</u>        | Station # <u>Arco 601</u>              |
| Sampler: <u>PC</u>              | Date: <u>10/21/05</u>                  |
| Well I.D.: <u>MW-5</u>          | Well Diameter: 2 3 <u>4</u> 6 8        |
| Total Well Depth: <u>10.08</u>  | Depth to Water: <u>6.69</u>            |
| Depth to Free Product:          | Thickness of Free Product (feet):      |
| Referenced to: <u>PVC</u> Grade | D.O. Meter (if req'd): <u>PSI</u> HACH |

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

|                                                                                                                                                                                      |                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Purge Method: <u>Bailer</u><br><del>Disposable Bailer</del><br><del>Positive Air Displacement</del><br><del>Electric Submersible</del><br><del>Extraction Pump</del><br>Other: _____ | Sampling Method: <u>Bailer</u><br><del>Disposable Bailer</del><br><del>Extraction Port</del><br>Other: _____ |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

|                       |   |                   |   |                   |
|-----------------------|---|-------------------|---|-------------------|
| 1 Case Volume (Gals.) | X | <u>No Purge</u>   | = | _____ Gals.       |
|                       |   | Specified Volumes |   | Calculated Volume |

| Time       | Temp (°F)   | pH         | Conductivity (mS or $\mu$ S) | Gals. Removed | Observations |
|------------|-------------|------------|------------------------------|---------------|--------------|
| <u>950</u> | <u>71.1</u> | <u>6.9</u> | <u>1454</u>                  | —             |              |
|            |             |            |                              |               |              |
|            |             |            |                              |               |              |
|            |             |            |                              |               |              |
|            |             |            |                              |               |              |

|                                                                                                                  |                                             |      |             |           |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------|-------------|-----------|
| Did well dewater? Yes    No                                                                                      | Gallons actually evacuated: _____           |      |             |           |
| Sampling Time: <u>950</u>                                                                                        | Sampling Date: <u>10/21/05</u>              |      |             |           |
| Sample I.D.: <u>MW-5</u>                                                                                         | Laboratory: Pace <u>Sequoia</u> Other _____ |      |             |           |
| Analyzed for: <u>ORO</u> <u>BTEX</u> MTBE DRO <u>Oxys</u> <u>1,2-DCA</u> <u>EDB</u> <u>Enthalol</u> Other: _____ |                                             |      |             |           |
| D.O. (if req'd):                                                                                                 | Pre-purge:                                  | mg/L | Post-purge: | 1.42 mg/L |
| O.R.P. (if req'd):                                                                                               | Pre-purge:                                  | mV   | Post-purge: | mV        |

# ARCO / BP WELL MONITORING DATA SHEET

|                                 |                                        |
|---------------------------------|----------------------------------------|
| BTS #: <u>051022-PC1</u>        | Station # <u>ARCO 601</u>              |
| Sampler: <u>PC</u>              | Date: <u>10/21/05</u>                  |
| Well I.D.: <u>MW-6</u>          | Well Diameter: 2 3 <u>4</u> 6 8        |
| Total Well Depth: <u>8.55</u>   | Depth to Water: <u>7.38</u>            |
| Depth to Free Product:          | Thickness of Free Product (feet):      |
| Referenced to: <u>eye</u> Grade | D.O. Meter (if req'd): <u>YSI</u> HACH |

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

|                                                                                                                                                                                      |                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Purge Method: <u>Bailer</u><br><del>Disposable Bailer</del><br><del>Positive Air Displacement</del><br><del>Electric Submersible</del><br><del>Extraction Pump</del><br>Other: _____ | Sampling Method: <u>Bailer</u><br><del>Disposable Bailer</del><br><del>Extraction Port</del><br>Other: _____ |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|

Top of Screen: \_\_\_\_\_ If well is listed as a no-purge, confirm that water level is below the top of screen. Otherwise, the well must be purged.

|                       |   |                   |   |                   |
|-----------------------|---|-------------------|---|-------------------|
| _____                 | x | <u>No Purge</u>   | = | _____ Gals.       |
| 1 Case Volume (Gals.) |   | Specified Volumes |   | Calculated Volume |

| Time       | Temp (°F)   | pH         | Conductivity (mS or $\mu$ S) | Gals. Removed | Observations |
|------------|-------------|------------|------------------------------|---------------|--------------|
| <u>930</u> | <u>67.6</u> | <u>6.8</u> | <u>1491</u>                  |               |              |
|            |             |            |                              |               |              |
|            |             |            |                              |               |              |
|            |             |            |                              |               |              |
|            |             |            |                              |               |              |

|                                                                                      |                                                         |
|--------------------------------------------------------------------------------------|---------------------------------------------------------|
| Did well dewater? Yes      No                                                        | Gallons actually evacuated: _____                       |
| Sampling Time: <u>930</u>                                                            | Sampling Date: <u>10/21/05</u>                          |
| Sample I.D.: <u>MW-6</u>                                                             | Laboratory: Pace <u>Sequoia</u> Other _____             |
| Analyzed for: <u>PRO BTX</u> MTBE DRO <u>Clay's</u> 1,2-DCA EDB Ethanol Other: _____ |                                                         |
| D.O. (if req'd):                                                                     | Pre-purge: _____ mg/L      Post-purge: <u>2.38</u> mg/L |
| O.R.P. (if req'd):                                                                   | Pre-purge: _____ mV      Post-purge: _____ mV           |

# BP GEM OIL COMPANY TYPE A BILL OF LADING

SOURCE RECORD BILL OF LADING FOR NON-HAZARDOUS PURGEWATER RECOVERED FROM GROUNDWATER WELLS AT BP GEM OIL COMPANY FACILITIES IN THE STATE OF CALIFORNIA. THE NON-HAZARDOUS PURGE- WATER WHICH HAS BEEN RECOVERED FROM GROUND- WATER WELLS IS COLLECTED BY THE CONTRACTOR, MADE UP INTO LOADS OF APPROPRIATE SIZE AND HAULED BY DILLARD ENVIRONMENTAL TO THE ALTAMONT LANDFILL AND RESOURCE RECOVERY FACILITY IN LIVERMORE, CALIFORNIA.

The contractor performing this work is PLAINE TECH SERVICES, INC. (BTS), 1680 Rogers Avenue, San Jose, CA 95112 (phone [408] 573-0555). Blaine Tech Services, Inc. is authorized by BP GEM OIL COMPANY to recover, collect, apportion into loads the Non-Hazardous Well Purgewater that is drawn from wells at the BP GEM Oil Company facility indicated below and deliver that purgewater to BTS. Transport routing of the Non-Hazardous Well Purgewater may be direct from one BP GEM facility to the designated destination point; from one BP GEM facility to the designated destination point via another BP GEM facility; from a BP GEM facility to the designated destination point via the contractor's facility, or any combination thereof. The Non-Hazardous Well Purgewater is and remains the property of BP GEM Oil Company.

This Source Record BILL OF LADING was initiated to cover the recovery of Non-Hazardous Well Purgewater from wells at the BP GEM Oil Company facility described below:

Arco 601

Station #

712 Leavelle Ave., San Leandro

Station Address

Total Gallons Collected From Groundwater Monitoring Wells:

10.5

added equip.  
rinse water

7.5

any other  
adjustments

TOTAL GALS.  
RECOVERED

10

loaded onto  
BTS vehicle #

58

BTS event #

051621-P1

time

date

1000

10/21/05

signature P. Cornish

\*\*\*\*\*

REC'D AT

time

date

BTS

10/21/05

unloaded by

signature P. Cornish

**ATTACHMENT B**

**LABORATORY PROCEDURES,  
CERTIFIED ANALYTICAL REPORTS,  
AND CHAIN-OF-CUSTODY RECORDS**

## **LABORATORY PROCEDURES**

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### **Laboratory Procedures**

The groundwater samples were analyzed for the presence of the chemicals mentioned in the chain of custody using standard EPA methods. The methods of analysis for the groundwater samples are documented in the certified analytical report. The certified analytical reports and chain-of-custody record are presented in this attachment. The analytical data provided by the laboratory approved by RM have been reviewed and verified by that laboratory.



5 November, 2005

Scott Robinson  
URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland, CA 94612

RE: ARCO #0601, San Leandro, CA  
Work Order: MOJ1233

Enclosed are the results of analyses for samples received by the laboratory on 10/24/05 16:04. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jamshid Kekobad  
Project Manager

CA ELAP Certificate #1210

The results in this laboratory report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPGCLN Technical Specifications, applicable Federal, State, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPGCLN. This entire report was reviewed and approved for release.



URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID      | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|----------------|---------------|--------|----------------|----------------|
| MW-1           | MOJ1233-01    | Water  | 10/21/05 09:15 | 10/24/05 16:04 |
| MW-3           | MOJ1233-02    | Water  | 10/21/05 10:20 | 10/24/05 16:04 |
| MW-4           | MOJ1233-03    | Water  | 10/21/05 10:30 | 10/24/05 16:04 |
| MW-5           | MOJ1233-04    | Water  | 10/21/05 09:50 | 10/24/05 16:04 |
| MW-6           | MOJ1233-05    | Water  | 10/21/05 09:30 | 10/24/05 16:04 |
| TB-60110212005 | MOJ1233-06    | Water  | 10/21/05 00:00 | 10/24/05 16:04 |

The carbon range for the TPH-GRO has been changed from C6-C10 to C4-C12. The carbon range for TPH-DRO has been changed from C10-C28 to C10-C36. EPA 8015B has been modified to better meet the requirements of California regulatory agencies.

These samples were received with intact custody seals.

URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Volatile Organic Compounds by EPA Method 8260B**  
**Sequoia Analytical - Morgan Hill**

| Analyte                                                                         | Result       | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------------------------------------------------------------|--------------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>MW-1 (MOJ1233-01) Water Sampled: 10/21/05 09:15 Received: 10/24/05 16:04</b> |              |                 |       |          |         |          |          |           |       |
| tert-Amyl methyl ether                                                          | 6.2          | 5.0             | ug/l  | 10       | 5K02005 | 11/02/05 | 11/02/05 | EPA 8260B |       |
| <b>Benzene</b>                                                                  | <b>600</b>   | 5.0             | "     | "        | "       | "        | "        | "         |       |
| tert-Butyl alcohol                                                              | ND           | 200             | "     | "        | "       | "        | "        | "         |       |
| Di-isopropyl ether                                                              | ND           | 5.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dibromoethane (EDB)                                                         | ND           | 5.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichloroethane                                                              | ND           | 5.0             | "     | "        | "       | "        | "        | "         |       |
| Ethanol                                                                         | ND           | 1000            | "     | "        | "       | "        | "        | "         |       |
| Ethyl tert-butyl ether                                                          | ND           | 5.0             | "     | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                                                             | <b>210</b>   | 5.0             | "     | "        | "       | "        | "        | "         |       |
| <b>Methyl tert-butyl ether</b>                                                  | <b>64</b>    | 5.0             | "     | "        | "       | "        | "        | "         |       |
| <b>Toluene</b>                                                                  | <b>5.5</b>   | 5.0             | "     | "        | "       | "        | "        | "         |       |
| <b>Xylenes (total)</b>                                                          | <b>11</b>    | 5.0             | "     | "        | "       | "        | "        | "         |       |
| <b>Gasoline Range Organics (C4-C12)</b>                                         | <b>9700</b>  | 500             | "     | "        | "       | "        | "        | "         |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> 103 % 60-135 " " " "                    |              |                 |       |          |         |          |          |           |       |
| <b>MW-3 (MOJ1233-02) Water Sampled: 10/21/05 10:20 Received: 10/24/05 16:04</b> |              |                 |       |          |         |          |          |           |       |
| tert-Amyl methyl ether                                                          | ND           | 50              | ug/l  | 100      | 5K02005 | 11/02/05 | 11/02/05 | EPA 8260B |       |
| <b>Benzene</b>                                                                  | <b>230</b>   | 50              | "     | "        | "       | "        | "        | "         |       |
| tert-Butyl alcohol                                                              | ND           | 2000            | "     | "        | "       | "        | "        | "         |       |
| Di-isopropyl ether                                                              | ND           | 50              | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dibromoethane (EDB)                                                         | ND           | 50              | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichloroethane                                                              | ND           | 50              | "     | "        | "       | "        | "        | "         |       |
| Ethanol                                                                         | ND           | 10000           | "     | "        | "       | "        | "        | "         |       |
| Ethyl tert-butyl ether                                                          | ND           | 50              | "     | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                                                             | <b>1500</b>  | 50              | "     | "        | "       | "        | "        | "         |       |
| <b>Methyl tert-butyl ether</b>                                                  | <b>ND</b>    | 50              | "     | "        | "       | "        | "        | "         |       |
| <b>Toluene</b>                                                                  | <b>160</b>   | 50              | "     | "        | "       | "        | "        | "         |       |
| <b>Xylenes (total)</b>                                                          | <b>7400</b>  | 50              | "     | "        | "       | "        | "        | "         |       |
| <b>Gasoline Range Organics (C4-C12)</b>                                         | <b>39000</b> | 5000            | "     | "        | "       | "        | "        | "         |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> 89 % 60-135 " " " "                     |              |                 |       |          |         |          |          |           |       |

URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

### Volatile Organic Compounds by EPA Method 8260B

#### Sequoia Analytical - Morgan Hill

| Analyte                                                                                                                                                               | Result      | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>MW-4 (MOJ1233-03) Water</b> Sampled: 10/21/05 10:30    Received: 10/24/05 16:04                                                                                    |             |                    |       |          |         |          |          |           |       |
| tert-Amyl methyl ether                                                                                                                                                | 1.3         | 1.0                | ug/l  | 2        | 5K03007 | 11/03/05 | 11/03/05 | EPA 8260B |       |
| <b>Benzene</b>                                                                                                                                                        | <b>84</b>   | 1.0                | "     | "        | "       | "        | "        | "         |       |
| tert-Butyl alcohol                                                                                                                                                    | ND          | 40                 | "     | "        | "       | "        | "        | "         |       |
| Di-isopropyl ether                                                                                                                                                    | ND          | 1.0                | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dibromoethane (EDB)                                                                                                                                               | ND          | 1.0                | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichloroethane                                                                                                                                                    | ND          | 1.0                | "     | "        | "       | "        | "        | "         |       |
| Ethanol                                                                                                                                                               | ND          | 200                | "     | "        | "       | "        | "        | "         | IC    |
| Ethyl tert-butyl ether                                                                                                                                                | ND          | 1.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                                                                                                                                                   | <b>6.5</b>  | 1.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Methyl tert-butyl ether</b>                                                                                                                                        | <b>10</b>   | 1.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Toluene</b>                                                                                                                                                        | <b>3.9</b>  | 1.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Xylenes (total)</b>                                                                                                                                                | <b>250</b>  | 1.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Gasoline Range Organics (C4-C12)</b>                                                                                                                               | <b>1700</b> | 100                | "     | "        | "       | "        | "        | "         |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> 108 %                      60-135                      "                      "                      "                      " |             |                    |       |          |         |          |          |           |       |
| <b>MW-5 (MOJ1233-04) Water</b> Sampled: 10/21/05 09:50    Received: 10/24/05 16:04                                                                                    |             |                    |       |          |         |          |          |           |       |
| tert-Amyl methyl ether                                                                                                                                                | ND          | 5.0                | ug/l  | 10       | 5K02005 | 11/02/05 | 11/02/05 | EPA 8260B |       |
| <b>Benzene</b>                                                                                                                                                        | <b>330</b>  | 5.0                | "     | "        | "       | "        | "        | "         |       |
| tert-Butyl alcohol                                                                                                                                                    | ND          | 200                | "     | "        | "       | "        | "        | "         |       |
| Di-isopropyl ether                                                                                                                                                    | ND          | 5.0                | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dibromoethane (EDB)                                                                                                                                               | ND          | 5.0                | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichloroethane                                                                                                                                                    | ND          | 5.0                | "     | "        | "       | "        | "        | "         |       |
| Ethanol                                                                                                                                                               | ND          | 1000               | "     | "        | "       | "        | "        | "         |       |
| Ethyl tert-butyl ether                                                                                                                                                | ND          | 5.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Ethylbenzene</b>                                                                                                                                                   | <b>190</b>  | 5.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Methyl tert-butyl ether</b>                                                                                                                                        | <b>16</b>   | 5.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Toluene</b>                                                                                                                                                        | <b>7.4</b>  | 5.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Xylenes (total)</b>                                                                                                                                                | <b>420</b>  | 5.0                | "     | "        | "       | "        | "        | "         |       |
| <b>Gasoline Range Organics (C4-C12)</b>                                                                                                                               | <b>4100</b> | 500                | "     | "        | "       | "        | "        | "         |       |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> 84 %                      60-135                      "                      "                      "                      "  |             |                    |       |          |         |          |          |           |       |



URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Volatile Organic Compounds by EPA Method 8260B**  
**Sequoia Analytical - Morgan Hill**

| Analyte                                                                  | Result | Reporting<br>Limit | Units  | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|--------------------------------------------------------------------------|--------|--------------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-6 (MOJ1233-05) Water Sampled: 10/21/05 09:30 Received: 10/24/05 16:04 |        |                    |        |          |         |          |          |           |       |
| tert-Amyl methyl ether                                                   | 47     | 5.0                | ug/l   | 10       | 5K02005 | 11/02/05 | 11/02/05 | EPA 8260B |       |
| Benzene                                                                  | 250    | 5.0                | "      | "        | "       | "        | "        | "         |       |
| tert-Butyl alcohol                                                       | ND     | 200                | "      | "        | "       | "        | "        | "         |       |
| Di-isopropyl ether                                                       | ND     | 5.0                | "      | "        | "       | "        | "        | "         |       |
| 1,2-Dibromoethane (EDB)                                                  | ND     | 5.0                | "      | "        | "       | "        | "        | "         |       |
| 1,2-Dichloroethane                                                       | ND     | 5.0                | "      | "        | "       | "        | "        | "         |       |
| Ethanol                                                                  | ND     | 1000               | "      | "        | "       | "        | "        | "         |       |
| Ethyl tert-butyl ether                                                   | ND     | 5.0                | "      | "        | "       | "        | "        | "         |       |
| Ethylbenzene                                                             | 80     | 5.0                | "      | "        | "       | "        | "        | "         |       |
| Methyl tert-butyl ether                                                  | 110    | 5.0                | "      | "        | "       | "        | "        | "         |       |
| Toluene                                                                  | ND     | 5.0                | "      | "        | "       | "        | "        | "         |       |
| Xylenes (total)                                                          | 20     | 5.0                | "      | "        | "       | "        | "        | "         |       |
| Gasoline Range Organics (C4-C12)                                         | 3400   | 500                | "      | "        | "       | "        | "        | "         |       |
| Surrogate: 1,2-Dichloroethane-d4                                         |        | 83 %               | 60-135 | "        | "       | "        | "        | "         |       |

URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

### Semivolatile Organic Compounds by EPA Method 8270C

#### Sequoia Analytical - Morgan Hill

| Analyte                                                                               | Result     | Reporting<br>Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------------------------------------------------------------------|------------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| <b>MW-1 (MOJ1233-01) Water    Sampled: 10/21/05 09:15    Received: 10/24/05 16:04</b> |            |                    |       |          |         |          |          |           |       |
| Acenaphthene                                                                          | ND         | 48                 | ug/l  | 10       | 5J26031 | 10/26/05 | 10/28/05 | EPA 8270C |       |
| Acenaphthylene                                                                        | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Anthracene                                                                            | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Benzo (a) anthracene                                                                  | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Benzo (a) pyrene                                                                      | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Benzo (b) fluoranthene                                                                | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Benzo (g,h,i) perylene                                                                | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| Benzo (k) fluoranthene                                                                | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Benzoic acid                                                                          | ND         | 190                | "     | "        | "       | "        | "        | "         |       |
| Benzyl alcohol                                                                        | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| Bis(2-chloroethoxy)methane                                                            | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Bis(2-chloroethyl)ether                                                               | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| Bis(2-chloroisopropyl)ether                                                           | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| <b>Bis(2-ethylhexyl)phthalate</b>                                                     | <b>130</b> | 95                 | "     | "        | "       | "        | "        | "         |       |
| 4-Bromophenyl phenyl ether                                                            | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Butyl benzyl phthalate                                                                | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| 4-Chloroaniline                                                                       | ND         | 480                | "     | "        | "       | "        | "        | "         |       |
| 2-Chloronaphthalene                                                                   | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| 4-Chloro-3-methylphenol                                                               | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| 2-Chlorophenol                                                                        | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| 4-Chlorophenyl phenyl ether                                                           | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| Chrysene                                                                              | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Dibenz (a,h) anthracene                                                               | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Dibenzofuran                                                                          | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Di-n-butyl phthalate                                                                  | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichlorobenzene                                                                   | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| 1,3-Dichlorobenzene                                                                   | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| 1,4-Dichlorobenzene                                                                   | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| 3,3'-Dichlorobenzidine                                                                | ND         | 480                | "     | "        | "       | "        | "        | "         |       |
| 2,4-Dichlorophenol                                                                    | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Diethyl phthalate                                                                     | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| 2,4-Dimethylphenol                                                                    | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| Dimethyl phthalate                                                                    | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| 4,6-Dinitro-2-methylphenol                                                            | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| 2,4-Dinitrophenol                                                                     | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| 2,4-Dinitrotoluene                                                                    | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| 2,6-Dinitrotoluene                                                                    | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Di-n-octyl phthalate                                                                  | ND         | 95                 | "     | "        | "       | "        | "        | "         |       |
| Fluoranthene                                                                          | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |
| Fluorene                                                                              | ND         | 48                 | "     | "        | "       | "        | "        | "         |       |

Sequoia Analytical - Morgan Hill

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*

URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Semivolatile Organic Compounds by EPA Method 8270C**  
**Sequoia Analytical - Morgan Hill**

| Analyte                                                                               | Result      | Reporting<br>Limit | Units  | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|---------------------------------------------------------------------------------------|-------------|--------------------|--------|----------|---------|----------|----------|-----------|-------|
| <b>MW-1 (MOJ1233-01) Water    Sampled: 10/21/05 09:15    Received: 10/24/05 16:04</b> |             |                    |        |          |         |          |          |           |       |
| Hexachlorobenzene                                                                     | ND          | 48                 | ug/l   | 10       | 5J26031 | 10/26/05 | 10/28/05 | EPA 8270C |       |
| Hexachlorobutadiene                                                                   | ND          | 95                 | "      | "        | "       | "        | "        | "         |       |
| Hexachlorocyclopentadiene                                                             | ND          | 95                 | "      | "        | "       | "        | "        | "         |       |
| Hexachloroethane                                                                      | ND          | 95                 | "      | "        | "       | "        | "        | "         |       |
| Indeno (1,2,3-cd) pyrene                                                              | ND          | 95                 | "      | "        | "       | "        | "        | "         |       |
| Isophorone                                                                            | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| <b>2-Methylnaphthalene</b>                                                            | <b>370</b>  | <b>48</b>          | "      | "        | "       | "        | "        | "         |       |
| 2-Methylphenol                                                                        | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| 4-Methylphenol                                                                        | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| <b>Naphthalene</b>                                                                    | <b>1000</b> | <b>48</b>          | "      | "        | "       | "        | "        | "         |       |
| 2-Nitroaniline                                                                        | ND          | 95                 | "      | "        | "       | "        | "        | "         |       |
| 3-Nitroaniline                                                                        | ND          | 950                | "      | "        | "       | "        | "        | "         |       |
| 4-Nitroaniline                                                                        | ND          | 480                | "      | "        | "       | "        | "        | "         |       |
| Nitrobenzene                                                                          | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| 2-Nitrophenol                                                                         | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| 4-Nitrophenol                                                                         | ND          | 95                 | "      | "        | "       | "        | "        | "         |       |
| N-Nitrosodi-n-propylamine                                                             | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| N-Nitrosodiphenylamine                                                                | ND          | 95                 | "      | "        | "       | "        | "        | "         |       |
| Pentachlorophenol                                                                     | ND          | 95                 | "      | "        | "       | "        | "        | "         |       |
| Phenanthrene                                                                          | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| Phenol                                                                                | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| Pyrene                                                                                | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| 1,2,4-Trichlorobenzene                                                                | ND          | 95                 | "      | "        | "       | "        | "        | "         |       |
| 2,4,5-Trichlorophenol                                                                 | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| 2,4,6-Trichlorophenol                                                                 | ND          | 48                 | "      | "        | "       | "        | "        | "         |       |
| Surrogate: 2-Fluorophenol                                                             |             | 44 %               | 25-115 |          | "       | "        | "        | "         |       |
| Surrogate: Phenol-d6                                                                  |             | 29 %               | 15-115 |          | "       | "        | "        | "         |       |
| Surrogate: Nitrobenzene-d5                                                            |             | 73 %               | 35-115 |          | "       | "        | "        | "         |       |
| Surrogate: 2-Fluorobiphenyl                                                           |             | 84 %               | 35-120 |          | "       | "        | "        | "         |       |
| Surrogate: 2,4,6-Tribromophenol                                                       |             | 94 %               | 35-125 |          | "       | "        | "        | "         |       |
| Surrogate: p-Terphenyl-d14                                                            |             | 91 %               | 40-130 |          | "       | "        | "        | "         |       |

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Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

**Batch 5K02005 - EPA 5030B P/T / EPA 8260B**

**Blank (5K02005-BLK1)**

Prepared & Analyzed: 11/02/05

|                                  |      |      |      |      |  |    |        |  |  |
|----------------------------------|------|------|------|------|--|----|--------|--|--|
| tert-Amyl methyl ether           | ND   | 0.50 | ug/l |      |  |    |        |  |  |
| Benzene                          | ND   | 0.50 | "    |      |  |    |        |  |  |
| tert-Butyl alcohol               | ND   | 20   | "    |      |  |    |        |  |  |
| Di-isopropyl ether               | ND   | 0.50 | "    |      |  |    |        |  |  |
| 1,2-Dibromoethane (EDB)          | ND   | 0.50 | "    |      |  |    |        |  |  |
| 1,2-Dichloroethane               | ND   | 0.50 | "    |      |  |    |        |  |  |
| Ethanol                          | ND   | 100  | "    |      |  |    |        |  |  |
| Ethyl tert-butyl ether           | ND   | 0.50 | "    |      |  |    |        |  |  |
| Ethylbenzene                     | ND   | 0.50 | "    |      |  |    |        |  |  |
| Methyl tert-butyl ether          | ND   | 0.50 | "    |      |  |    |        |  |  |
| Toluene                          | ND   | 0.50 | "    |      |  |    |        |  |  |
| Xylenes (total)                  | ND   | 0.50 | "    |      |  |    |        |  |  |
| Gasoline Range Organics (C4-C12) | ND   | 50   | "    |      |  |    |        |  |  |
| Surrogate: 1,2-Dichloroethane-d4 | 2.44 |      | "    | 2.50 |  | 98 | 60-135 |  |  |

**Laboratory Control Sample (5K02005-BS2)**

Prepared & Analyzed: 11/02/05

|                                  |      |      |      |      |  |     |        |  |    |
|----------------------------------|------|------|------|------|--|-----|--------|--|----|
| tert-Amyl methyl ether           | 17.8 | 0.50 | ug/l | 15.0 |  | 119 | 80-115 |  | HL |
| Benzene                          | 5.04 | 0.50 | "    | 5.16 |  | 98  | 65-115 |  |    |
| tert-Butyl alcohol               | 206  | 20   | "    | 143  |  | 144 | 75-150 |  |    |
| Di-isopropyl ether               | 15.1 | 0.50 | "    | 15.1 |  | 100 | 75-125 |  |    |
| 1,2-Dibromoethane (EDB)          | 15.6 | 0.50 | "    | 14.9 |  | 105 | 85-120 |  |    |
| 1,2-Dichloroethane               | 15.6 | 0.50 | "    | 14.7 |  | 106 | 85-130 |  |    |
| Ethanol                          | 332  | 100  | "    | 142  |  | 234 | 70-135 |  | HL |
| Ethyl tert-butyl ether           | 17.6 | 0.50 | "    | 15.0 |  | 117 | 75-130 |  |    |
| Ethylbenzene                     | 6.42 | 0.50 | "    | 7.54 |  | 85  | 75-135 |  |    |
| Methyl tert-butyl ether          | 6.92 | 0.50 | "    | 7.02 |  | 99  | 65-125 |  |    |
| Toluene                          | 36.6 | 0.50 | "    | 37.2 |  | 98  | 85-120 |  |    |
| Xylenes (total)                  | 38.1 | 0.50 | "    | 41.2 |  | 92  | 85-125 |  |    |
| Gasoline Range Organics (C4-C12) | 528  | 50   | "    | 440  |  | 120 | 60-140 |  |    |
| Surrogate: 1,2-Dichloroethane-d4 | 2.40 |      | "    | 2.50 |  | 96  | 60-135 |  |    |

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MOJ1233  
Reported:  
11/05/05 09:50

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

**Batch 5K02005 - EPA 5030B P/T / EPA 8260B**

| <b>Matrix Spike (5K02005-MS1)</b>       |       | <b>Source: MOJ1233-02</b> |      | <b>Prepared &amp; Analyzed: 11/02/05</b> |       |     |        |  |    |
|-----------------------------------------|-------|---------------------------|------|------------------------------------------|-------|-----|--------|--|----|
| tert-Amyl methyl ether                  | 1580  | 50                        | ug/l | 1500                                     | ND    | 105 | 80-115 |  |    |
| Benzene                                 | 651   | 50                        | "    | 516                                      | 230   | 82  | 65-115 |  |    |
| tert-Butyl alcohol                      | 21400 | 2000                      | "    | 14300                                    | ND    | 150 | 75-120 |  | LM |
| Di-isopropyl ether                      | 1360  | 50                        | "    | 1510                                     | ND    | 90  | 75-125 |  |    |
| 1,2-Dibromoethane (EDB)                 | 1420  | 50                        | "    | 1490                                     | ND    | 95  | 85-120 |  |    |
| 1,2-Dichloroethane                      | 1220  | 50                        | "    | 1470                                     | ND    | 83  | 85-130 |  | LN |
| Ethanol                                 | 24000 | 10000                     | "    | 14200                                    | 5400  | 131 | 70-135 |  |    |
| Ethyl tert-butyl ether                  | 1530  | 50                        | "    | 1500                                     | ND    | 102 | 75-130 |  |    |
| Ethylbenzene                            | 1960  | 50                        | "    | 754                                      | 1500  | 61  | 75-135 |  | LN |
| Methyl tert-butyl ether                 | 576   | 50                        | "    | 702                                      | 12    | 80  | 65-125 |  |    |
| Toluene                                 | 3330  | 50                        | "    | 3720                                     | 160   | 85  | 85-120 |  |    |
| Xylenes (total)                         | 10200 | 50                        | "    | 4120                                     | 7400  | 68  | 85-125 |  | LN |
| Gasoline Range Organics (C4-C12)        | 72800 | 5000                      | "    | 44000                                    | 39000 | 77  | 60-140 |  |    |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> |       | 2.78                      | "    | 2.50                                     |       | 111 | 60-135 |  |    |

| <b>Matrix Spike Dup (5K02005-MSD1)</b>  |       | <b>Source: MOJ1233-02</b> |      | <b>Prepared &amp; Analyzed: 11/02/05</b> |       |     |        |    |    |
|-----------------------------------------|-------|---------------------------|------|------------------------------------------|-------|-----|--------|----|----|
| tert-Amyl methyl ether                  | 1720  | 50                        | ug/l | 1500                                     | ND    | 115 | 80-115 | 8  | 15 |
| Benzene                                 | 739   | 50                        | "    | 516                                      | 230   | 99  | 65-115 | 13 | 20 |
| tert-Butyl alcohol                      | 22600 | 2000                      | "    | 14300                                    | ND    | 158 | 75-120 | 5  | 25 |
| Di-isopropyl ether                      | 1500  | 50                        | "    | 1510                                     | ND    | 99  | 75-125 | 10 | 15 |
| 1,2-Dibromoethane (EDB)                 | 1540  | 50                        | "    | 1490                                     | ND    | 103 | 85-120 | 8  | 15 |
| 1,2-Dichloroethane                      | 1330  | 50                        | "    | 1470                                     | ND    | 90  | 85-130 | 9  | 20 |
| Ethanol                                 | 28100 | 10000                     | "    | 14200                                    | 5400  | 160 | 70-135 | 16 | 35 |
| Ethyl tert-butyl ether                  | 1660  | 50                        | "    | 1500                                     | ND    | 111 | 75-130 | 8  | 25 |
| Ethylbenzene                            | 2260  | 50                        | "    | 754                                      | 1500  | 101 | 75-135 | 14 | 15 |
| Methyl tert-butyl ether                 | 612   | 50                        | "    | 702                                      | 12    | 85  | 65-125 | 6  | 20 |
| Toluene                                 | 3790  | 50                        | "    | 3720                                     | 160   | 98  | 85-120 | 13 | 20 |
| Xylenes (total)                         | 11600 | 50                        | "    | 4120                                     | 7400  | 102 | 85-125 | 13 | 20 |
| Gasoline Range Organics (C4-C12)        | 85900 | 5000                      | "    | 44000                                    | 39000 | 107 | 60-140 | 17 | 25 |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> |       | 2.15                      | "    | 2.50                                     |       | 86  | 60-135 |    |    |

Sequoia Analytical - Morgan Hill

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Project: ARCO #0601, San Leandro, CA  
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Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

**Batch 5K03007 - EPA 5030B P/T / EPA 8260B**

**Blank (5K03007-BLK1)**

Prepared & Analyzed: 11/03/05

|                                  |      |      |      |      |  |     |        |  |    |
|----------------------------------|------|------|------|------|--|-----|--------|--|----|
| tert-Amyl methyl ether           | ND   | 0.50 | ug/l |      |  |     |        |  |    |
| Benzene                          | ND   | 0.50 | "    |      |  |     |        |  |    |
| tert-Butyl alcohol               | ND   | 20   | "    |      |  |     |        |  |    |
| Di-isopropyl ether               | ND   | 0.50 | "    |      |  |     |        |  |    |
| 1,2-Dibromoethane (EDB)          | ND   | 0.50 | "    |      |  |     |        |  |    |
| 1,2-Dichloroethane               | ND   | 0.50 | "    |      |  |     |        |  |    |
| Ethanol                          | ND   | 100  | "    |      |  |     |        |  | IC |
| Ethyl tert-butyl ether           | ND   | 0.50 | "    |      |  |     |        |  |    |
| Ethylbenzene                     | ND   | 0.50 | "    |      |  |     |        |  |    |
| Methyl tert-butyl ether          | ND   | 0.50 | "    |      |  |     |        |  |    |
| Toluene                          | ND   | 0.50 | "    |      |  |     |        |  |    |
| Xylenes (total)                  | ND   | 0.50 | "    |      |  |     |        |  |    |
| Gasoline Range Organics (C4-C12) | ND   | 50   | "    |      |  |     |        |  |    |
| Surrogate: 1,2-Dichloroethane-d4 | 2.96 |      | "    | 2.50 |  | 118 | 60-135 |  |    |

**Laboratory Control Sample (5K03007-BS1)**

Prepared & Analyzed: 11/03/05

|                                  |      |      |      |      |  |     |        |  |    |
|----------------------------------|------|------|------|------|--|-----|--------|--|----|
| tert-Amyl methyl ether           | 15.4 | 0.50 | ug/l | 15.0 |  | 103 | 80-115 |  |    |
| Benzene                          | 4.41 | 0.50 | "    | 5.16 |  | 85  | 65-115 |  |    |
| tert-Butyl alcohol               | 162  | 20   | "    | 143  |  | 113 | 75-150 |  |    |
| Di-isopropyl ether               | 12.9 | 0.50 | "    | 15.1 |  | 85  | 75-125 |  |    |
| 1,2-Dibromoethane (EDB)          | 16.6 | 0.50 | "    | 14.9 |  | 111 | 85-120 |  |    |
| 1,2-Dichloroethane               | 17.6 | 0.50 | "    | 14.7 |  | 120 | 85-130 |  |    |
| Ethanol                          | 139  | 100  | "    | 142  |  | 98  | 70-135 |  | IC |
| Ethyl tert-butyl ether           | 14.9 | 0.50 | "    | 15.0 |  | 99  | 75-130 |  |    |
| Ethylbenzene                     | 7.29 | 0.50 | "    | 7.54 |  | 97  | 75-135 |  |    |
| Methyl tert-butyl ether          | 7.53 | 0.50 | "    | 7.02 |  | 107 | 65-125 |  |    |
| Toluene                          | 36.5 | 0.50 | "    | 37.2 |  | 98  | 85-120 |  |    |
| Xylenes (total)                  | 42.8 | 0.50 | "    | 41.2 |  | 104 | 85-125 |  |    |
| Gasoline Range Organics (C4-C12) | 586  | 50   | "    | 440  |  | 133 | 60-140 |  |    |
| Surrogate: 1,2-Dichloroethane-d4 | 2.84 |      | "    | 2.50 |  | 114 | 60-135 |  |    |

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Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
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MOJ1233  
Reported:  
11/05/05 09:50

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch 5K03007 - EPA 5030B P/T / EPA 8260B**

|                                         |       |                           |      |                                          |       |     |        |  |  |        |
|-----------------------------------------|-------|---------------------------|------|------------------------------------------|-------|-----|--------|--|--|--------|
| <b>Matrix Spike (5K03007-MS1)</b>       |       | <b>Source: MOJ1286-03</b> |      | <b>Prepared &amp; Analyzed: 11/03/05</b> |       |     |        |  |  |        |
| tert-Amyl methyl ether                  | 774   | 25                        | ug/l | 752                                      | ND    | 103 | 80-115 |  |  |        |
| Benzene                                 | 2350  | 25                        | "    | 258                                      | 2600  | 0   | 65-115 |  |  | BB, LN |
| tert-Butyl alcohol                      | 7070  | 1000                      | "    | 7160                                     | ND    | 99  | 75-120 |  |  |        |
| Di-isopropyl ether                      | 638   | 25                        | "    | 756                                      | ND    | 84  | 75-125 |  |  |        |
| 1,2-Dibromoethane (EDB)                 | 800   | 25                        | "    | 744                                      | ND    | 108 | 85-120 |  |  |        |
| 1,2-Dichloroethane                      | 825   | 25                        | "    | 736                                      | ND    | 112 | 85-130 |  |  |        |
| Ethanol                                 | 5880  | 5000                      | "    | 7080                                     | ND    | 83  | 70-135 |  |  | IC     |
| Ethyl tert-butyl ether                  | 712   | 25                        | "    | 752                                      | ND    | 95  | 75-130 |  |  |        |
| Ethylbenzene                            | 3210  | 25                        | "    | 377                                      | 3200  | 3   | 75-135 |  |  | BB, LN |
| Methyl tert-butyl ether                 | 364   | 25                        | "    | 351                                      | ND    | 104 | 65-125 |  |  |        |
| Toluene                                 | 4000  | 25                        | "    | 1860                                     | 3400  | 32  | 85-120 |  |  | LN     |
| Xylenes (total)                         | 9140  | 25                        | "    | 2060                                     | 9800  | 0   | 85-125 |  |  | BB, LN |
| Gasoline Range Organics (C4-C12)        | 75100 | 2500                      | "    | 22000                                    | 75000 | 0.5 | 60-140 |  |  | LN     |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> |       | 2.51                      | "    | 2.50                                     |       | 100 | 60-135 |  |  |        |

|                                         |       |                           |      |                                          |       |     |        |     |    |        |
|-----------------------------------------|-------|---------------------------|------|------------------------------------------|-------|-----|--------|-----|----|--------|
| <b>Matrix Spike Dup (5K03007-MSD1)</b>  |       | <b>Source: MOJ1286-03</b> |      | <b>Prepared &amp; Analyzed: 11/03/05</b> |       |     |        |     |    |        |
| tert-Amyl methyl ether                  | 752   | 25                        | ug/l | 752                                      | ND    | 100 | 80-115 | 3   | 15 |        |
| Benzene                                 | 2240  | 25                        | "    | 258                                      | 2600  | 0   | 65-115 | 5   | 20 | BB, LN |
| tert-Butyl alcohol                      | 7990  | 1000                      | "    | 7160                                     | ND    | 112 | 75-120 | 12  | 25 |        |
| Di-isopropyl ether                      | 612   | 25                        | "    | 756                                      | ND    | 81  | 75-125 | 4   | 15 |        |
| 1,2-Dibromoethane (EDB)                 | 791   | 25                        | "    | 744                                      | ND    | 106 | 85-120 | 1   | 15 |        |
| 1,2-Dichloroethane                      | 793   | 25                        | "    | 736                                      | ND    | 108 | 85-130 | 4   | 20 |        |
| Ethanol                                 | 7190  | 5000                      | "    | 7080                                     | ND    | 102 | 70-135 | 20  | 35 | IC     |
| Ethyl tert-butyl ether                  | 711   | 25                        | "    | 752                                      | ND    | 95  | 75-130 | 0.1 | 25 |        |
| Ethylbenzene                            | 3060  | 25                        | "    | 377                                      | 3200  | 0   | 75-135 | 5   | 15 | BB, LN |
| Methyl tert-butyl ether                 | 366   | 25                        | "    | 351                                      | ND    | 104 | 65-125 | 0.5 | 20 |        |
| Toluene                                 | 3860  | 25                        | "    | 1860                                     | 3400  | 25  | 85-120 | 4   | 20 | LN     |
| Xylenes (total)                         | 8850  | 25                        | "    | 2060                                     | 9800  | 0   | 85-125 | 3   | 20 | BB, LN |
| Gasoline Range Organics (C4-C12)        | 70600 | 2500                      | "    | 22000                                    | 75000 | 0   | 60-140 | 6   | 25 | LN     |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> |       | 2.48                      | "    | 2.50                                     |       | 99  | 60-135 |     |    |        |

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MOJ1233  
Reported:  
11/05/05 09:50

**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

**Batch 5J26031 - EPA 3510C SepFunnel / EPA 8270C**

**Blank (5J26031-BLK1)**

Prepared: 10/26/05 Analyzed: 10/28/05

|                             |    |     |      |
|-----------------------------|----|-----|------|
| Acenaphthene                | ND | 5.0 | ug/l |
| Acenaphthylene              | ND | 5.0 | "    |
| Anthracene                  | ND | 5.0 | "    |
| Benzo (a) anthracene        | ND | 5.0 | "    |
| Benzo (a) pyrene            | ND | 5.0 | "    |
| Benzo (b) fluoranthene      | ND | 5.0 | "    |
| Benzo (g,h,i) perylene      | ND | 10  | "    |
| Benzo (k) fluoranthene      | ND | 5.0 | "    |
| Benzoic acid                | ND | 20  | "    |
| Benzyl alcohol              | ND | 10  | "    |
| Bis(2-chloroethoxy)methane  | ND | 5.0 | "    |
| Bis(2-chloroethyl)ether     | ND | 10  | "    |
| Bis(2-chloroisopropyl)ether | ND | 5.0 | "    |
| Bis(2-ethylhexyl)phthalate  | ND | 10  | "    |
| 4-Bromophenyl phenyl ether  | ND | 5.0 | "    |
| Butyl benzyl phthalate      | ND | 5.0 | "    |
| 4-Chloroaniline             | ND | 50  | "    |
| 2-Chloronaphthalene         | ND | 5.0 | "    |
| 4-Chloro-3-methylphenol     | ND | 5.0 | "    |
| 2-Chlorophenol              | ND | 5.0 | "    |
| 4-Chlorophenyl phenyl ether | ND | 10  | "    |
| Chrysene                    | ND | 5.0 | "    |
| Dibenz (a,h) anthracene     | ND | 5.0 | "    |
| Dibenzofuran                | ND | 5.0 | "    |
| Di-n-butyl phthalate        | ND | 5.0 | "    |
| 1,2-Dichlorobenzene         | ND | 10  | "    |
| 1,3-Dichlorobenzene         | ND | 10  | "    |
| 1,4-Dichlorobenzene         | ND | 10  | "    |
| 3,3'-Dichlorobenzidine      | ND | 50  | "    |
| 2,4-Dichlorophenol          | ND | 5.0 | "    |
| Diethyl phthalate           | ND | 5.0 | "    |
| 2,4-Dimethylphenol          | ND | 10  | "    |
| Dimethyl phthalate          | ND | 5.0 | "    |
| 4,6-Dinitro-2-methylphenol  | ND | 5.0 | "    |
| 2,4-Dinitrophenol           | ND | 10  | "    |
| 2,4-Dinitrotoluene          | ND | 5.0 | "    |

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|----------------|-----|--------------|-------|

**Batch 5J26031 - EPA 3510C SepFunnel / EPA 8270C**

**Blank (5J26031-BLK1)**

Prepared: 10/26/05 Analyzed: 10/28/05

|                                 |      |     |      |      |  |    |        |  |  |
|---------------------------------|------|-----|------|------|--|----|--------|--|--|
| 2,6-Dinitrotoluene              | ND   | 5.0 | ug/l |      |  |    |        |  |  |
| Di-n-octyl phthalate            | ND   | 10  | "    |      |  |    |        |  |  |
| Fluoranthene                    | ND   | 5.0 | "    |      |  |    |        |  |  |
| Fluorene                        | ND   | 5.0 | "    |      |  |    |        |  |  |
| Hexachlorobenzene               | ND   | 5.0 | "    |      |  |    |        |  |  |
| Hexachlorobutadiene             | ND   | 10  | "    |      |  |    |        |  |  |
| Hexachlorocyclopentadiene       | ND   | 10  | "    |      |  |    |        |  |  |
| Hexachloroethane                | ND   | 10  | "    |      |  |    |        |  |  |
| Indeno (1,2,3-cd) pyrene        | ND   | 10  | "    |      |  |    |        |  |  |
| Isophorone                      | ND   | 5.0 | "    |      |  |    |        |  |  |
| 2-Methylnaphthalene             | ND   | 5.0 | "    |      |  |    |        |  |  |
| 2-Methylphenol                  | ND   | 5.0 | "    |      |  |    |        |  |  |
| 4-Methylphenol                  | ND   | 5.0 | "    |      |  |    |        |  |  |
| Naphthalene                     | ND   | 5.0 | "    |      |  |    |        |  |  |
| 2-Nitroaniline                  | ND   | 10  | "    |      |  |    |        |  |  |
| 3-Nitroaniline                  | ND   | 100 | "    |      |  |    |        |  |  |
| 4-Nitroaniline                  | ND   | 50  | "    |      |  |    |        |  |  |
| Nitrobenzene                    | ND   | 5.0 | "    |      |  |    |        |  |  |
| 2-Nitrophenol                   | ND   | 5.0 | "    |      |  |    |        |  |  |
| 4-Nitrophenol                   | ND   | 10  | "    |      |  |    |        |  |  |
| N-Nitrosodi-n-propylamine       | ND   | 5.0 | "    |      |  |    |        |  |  |
| N-Nitrosodiphenylamine          | ND   | 10  | "    |      |  |    |        |  |  |
| Pentachlorophenol               | ND   | 10  | "    |      |  |    |        |  |  |
| Phenanthrene                    | ND   | 5.0 | "    |      |  |    |        |  |  |
| Phenol                          | ND   | 5.0 | "    |      |  |    |        |  |  |
| Pyrene                          | ND   | 5.0 | "    |      |  |    |        |  |  |
| 1,2,4-Trichlorobenzene          | ND   | 10  | "    |      |  |    |        |  |  |
| 2,4,5-Trichlorophenol           | ND   | 5.0 | "    |      |  |    |        |  |  |
| 2,4,6-Trichlorophenol           | ND   | 5.0 | "    |      |  |    |        |  |  |
| Surrogate: 2-Fluorophenol       | 54.6 |     | "    | 100  |  | 55 | 25-115 |  |  |
| Surrogate: Phenol-d6            | 34.8 |     | "    | 100  |  | 35 | 15-115 |  |  |
| Surrogate: Nitrobenzene-d5      | 40.9 |     | "    | 50.0 |  | 82 | 35-115 |  |  |
| Surrogate: 2-Fluorobiphenyl     | 43.9 |     | "    | 50.0 |  | 88 | 35-120 |  |  |
| Surrogate: 2,4,6-Tribromophenol | 91.7 |     | "    | 100  |  | 92 | 35-125 |  |  |
| Surrogate: p-Terphenyl-d14      | 39.7 |     | "    | 50.0 |  | 79 | 40-130 |  |  |

Sequoia Analytical - Morgan Hill

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URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch 5J26031 - EPA 3510C SepFunnel / EPA 8270C**

**Laboratory Control Sample (5J26031-BS1)**

Prepared: 10/26/05 Analyzed: 10/28/05

|                             |      |     |      |      |  |    |        |  |  |  |
|-----------------------------|------|-----|------|------|--|----|--------|--|--|--|
| Acenaphthene                | 38.6 | 5.0 | ug/l | 50.0 |  | 77 | 75-115 |  |  |  |
| Acenaphthylene              | 42.5 | 5.0 | "    | 50.0 |  | 85 | 70-120 |  |  |  |
| Anthracene                  | 43.5 | 5.0 | "    | 50.0 |  | 87 | 70-125 |  |  |  |
| Benzo (a) anthracene        | 40.5 | 5.0 | "    | 50.0 |  | 81 | 70-125 |  |  |  |
| Benzo (a) pyrene            | 40.1 | 5.0 | "    | 50.0 |  | 80 | 70-125 |  |  |  |
| Benzo (b) fluoranthene      | 36.6 | 5.0 | "    | 50.0 |  | 73 | 70-125 |  |  |  |
| Benzo (g,h,i) perylene      | 45.2 | 10  | "    | 50.0 |  | 90 | 55-145 |  |  |  |
| Benzo (k) fluoranthene      | 38.2 | 5.0 | "    | 50.0 |  | 76 | 75-130 |  |  |  |
| Benzyl alcohol              | 33.9 | 10  | "    | 50.0 |  | 68 | 55-115 |  |  |  |
| Bis(2-chloroethoxy)methane  | 42.6 | 5.0 | "    | 50.0 |  | 85 | 70-115 |  |  |  |
| Bis(2-chloroethyl)ether     | 35.7 | 10  | "    | 50.0 |  | 71 | 55-115 |  |  |  |
| Bis(2-chloroisopropyl)ether | 36.4 | 5.0 | "    | 50.0 |  | 73 | 60-115 |  |  |  |
| Bis(2-ethylhexyl)phthalate  | 40.1 | 10  | "    | 50.0 |  | 80 | 70-125 |  |  |  |
| 4-Bromophenyl phenyl ether  | 43.6 | 5.0 | "    | 50.0 |  | 87 | 65-125 |  |  |  |
| Butyl benzyl phthalate      | 39.6 | 5.0 | "    | 50.0 |  | 79 | 70-125 |  |  |  |
| 4-Chloroaniline             | 33.5 | 50  | "    | 50.0 |  | 67 | 25-115 |  |  |  |
| 2-Chloronaphthalene         | 36.2 | 5.0 | "    | 50.0 |  | 72 | 60-115 |  |  |  |
| 4-Chloro-3-methylphenol     | 43.2 | 5.0 | "    | 50.0 |  | 86 | 75-130 |  |  |  |
| 2-Chlorophenol              | 36.6 | 5.0 | "    | 50.0 |  | 73 | 45-120 |  |  |  |
| 4-Chlorophenyl phenyl ether | 40.2 | 10  | "    | 50.0 |  | 80 | 70-120 |  |  |  |
| Chrysene                    | 40.0 | 5.0 | "    | 50.0 |  | 80 | 70-125 |  |  |  |
| Dibenz (a,h) anthracene     | 46.1 | 5.0 | "    | 50.0 |  | 92 | 60-140 |  |  |  |
| Dibenzofuran                | 37.8 | 5.0 | "    | 50.0 |  | 76 | 70-115 |  |  |  |
| Di-n-butyl phthalate        | 47.0 | 5.0 | "    | 50.0 |  | 94 | 75-120 |  |  |  |
| 1,2-Dichlorobenzene         | 31.4 | 10  | "    | 50.0 |  | 63 | 45-115 |  |  |  |
| 1,3-Dichlorobenzene         | 30.8 | 10  | "    | 50.0 |  | 62 | 40-115 |  |  |  |
| 1,4-Dichlorobenzene         | 31.1 | 10  | "    | 50.0 |  | 62 | 35-115 |  |  |  |
| 2,4-Dichlorophenol          | 40.6 | 5.0 | "    | 50.0 |  | 81 | 70-115 |  |  |  |
| Diethyl phthalate           | 41.9 | 5.0 | "    | 50.0 |  | 84 | 35-145 |  |  |  |
| 2,4-Dimethylphenol          | 37.2 | 10  | "    | 50.0 |  | 74 | 10-150 |  |  |  |
| Dimethyl phthalate          | 41.6 | 5.0 | "    | 50.0 |  | 83 | 10-150 |  |  |  |
| 4,6-Dinitro-2-methylphenol  | 38.9 | 5.0 | "    | 50.0 |  | 78 | 50-120 |  |  |  |
| 2,4-Dinitrophenol           | 34.8 | 10  | "    | 50.0 |  | 70 | 15-120 |  |  |  |
| 2,4-Dinitrotoluene          | 41.6 | 5.0 | "    | 50.0 |  | 83 | 65-135 |  |  |  |
| 2,6-Dinitrotoluene          | 45.8 | 5.0 | "    | 50.0 |  | 92 | 65-130 |  |  |  |
| Di-n-octyl phthalate        | 37.1 | 10  | "    | 50.0 |  | 74 | 65-125 |  |  |  |

Sequoia Analytical - Morgan Hill

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1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch 5J26031 - EPA 3510C SepFunnel / EPA 8270C**

**Laboratory Control Sample (5J26031-BS1)**

Prepared: 10/26/05 Analyzed: 10/28/05

|                                 |      |     |      |      |  |     |        |  |  |  |
|---------------------------------|------|-----|------|------|--|-----|--------|--|--|--|
| Fluoranthene                    | 41.9 | 5.0 | ug/l | 50.0 |  | 84  | 65-135 |  |  |  |
| Fluorene                        | 40.8 | 5.0 | "    | 50.0 |  | 82  | 75-120 |  |  |  |
| Hexachlorobenzene               | 42.2 | 5.0 | "    | 50.0 |  | 84  | 70-120 |  |  |  |
| Hexachlorobutadiene             | 33.4 | 10  | "    | 50.0 |  | 67  | 25-120 |  |  |  |
| Hexachlorocyclopentadiene       | 36.8 | 10  | "    | 50.0 |  | 74  | 15-140 |  |  |  |
| Hexachloroethane                | 31.5 | 10  | "    | 50.0 |  | 63  | 35-115 |  |  |  |
| Indeno (1,2,3-cd) pyrene        | 45.2 | 10  | "    | 50.0 |  | 90  | 65-135 |  |  |  |
| Isophorone                      | 39.3 | 5.0 | "    | 50.0 |  | 79  | 65-115 |  |  |  |
| 2-Methylnaphthalene             | 36.8 | 5.0 | "    | 50.0 |  | 74  | 60-115 |  |  |  |
| 2-Methylphenol                  | 34.0 | 5.0 | "    | 50.0 |  | 68  | 40-115 |  |  |  |
| 4-Methylphenol                  | 31.6 | 5.0 | "    | 25.0 |  | 126 | 35-150 |  |  |  |
| Naphthalene                     | 36.8 | 5.0 | "    | 50.0 |  | 74  | 55-115 |  |  |  |
| 2-Nitroaniline                  | 37.1 | 10  | "    | 50.0 |  | 74  | 65-120 |  |  |  |
| 3-Nitroaniline                  | 37.4 | 100 | "    | 50.0 |  | 75  | 10-150 |  |  |  |
| 4-Nitroaniline                  | 39.9 | 50  | "    | 50.0 |  | 80  | 10-150 |  |  |  |
| Nitrobenzene                    | 39.1 | 5.0 | "    | 50.0 |  | 78  | 65-115 |  |  |  |
| 2-Nitrophenol                   | 40.3 | 5.0 | "    | 50.0 |  | 81  | 70-115 |  |  |  |
| 4-Nitrophenol                   | 17.7 | 10  | "    | 50.0 |  | 35  | 15-115 |  |  |  |
| N-Nitrosodi-n-propylamine       | 38.9 | 5.0 | "    | 50.0 |  | 78  | 55-120 |  |  |  |
| N-Nitrosodiphenylamine          | 51.9 | 10  | "    | 50.0 |  | 104 | 30-150 |  |  |  |
| Pentachlorophenol               | 40.2 | 10  | "    | 50.0 |  | 80  | 30-120 |  |  |  |
| Phenanthrene                    | 43.3 | 5.0 | "    | 50.0 |  | 87  | 75-120 |  |  |  |
| Phenol                          | 17.5 | 5.0 | "    | 50.0 |  | 35  | 25-115 |  |  |  |
| Pyrene                          | 40.1 | 5.0 | "    | 50.0 |  | 80  | 75-140 |  |  |  |
| 1,2,4-Trichlorobenzene          | 35.8 | 10  | "    | 50.0 |  | 72  | 35-115 |  |  |  |
| 2,4,5-Trichlorophenol           | 38.7 | 5.0 | "    | 50.0 |  | 77  | 70-120 |  |  |  |
| 2,4,6-Trichlorophenol           | 38.3 | 5.0 | "    | 50.0 |  | 77  | 65-120 |  |  |  |
| Surrogate: 2-Fluorophenol       | 49.7 |     | "    | 100  |  | 50  | 25-115 |  |  |  |
| Surrogate: Phenol-d6            | 32.5 |     | "    | 100  |  | 32  | 15-115 |  |  |  |
| Surrogate: Nitrobenzene-d5      | 38.4 |     | "    | 50.0 |  | 77  | 35-115 |  |  |  |
| Surrogate: 2-Fluorobiphenyl     | 37.8 |     | "    | 50.0 |  | 76  | 35-120 |  |  |  |
| Surrogate: 2,4,6-Tribromophenol | 88.6 |     | "    | 100  |  | 89  | 35-125 |  |  |  |
| Surrogate: p-Terphenyl-d14      | 40.7 |     | "    | 50.0 |  | 81  | 40-130 |  |  |  |

Sequoia Analytical - Morgan Hill

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1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch 5J26031 - EPA 3510C SepFunnel / EPA 8270C**

**Laboratory Control Sample Dup (5J26031-BSD1)**

Prepared: 10/26/05 Analyzed: 10/28/05

|                             |      |     |      |      |  |     |        |    |    |    |
|-----------------------------|------|-----|------|------|--|-----|--------|----|----|----|
| Acenaphthene                | 41.5 | 5.0 | ug/l | 50.0 |  | 83  | 75-115 | 7  | 15 |    |
| Acenaphthylene              | 45.6 | 5.0 | "    | 50.0 |  | 91  | 70-120 | 7  | 15 |    |
| Anthracene                  | 48.7 | 5.0 | "    | 50.0 |  | 97  | 70-125 | 11 | 15 |    |
| Benzo (a) anthracene        | 45.8 | 5.0 | "    | 50.0 |  | 92  | 70-125 | 12 | 15 |    |
| Benzo (a) pyrene            | 45.2 | 5.0 | "    | 50.0 |  | 90  | 70-125 | 12 | 15 |    |
| Benzo (b) fluoranthene      | 43.0 | 5.0 | "    | 50.0 |  | 86  | 70-125 | 16 | 10 | RB |
| Benzo (g,h,i) perylene      | 48.1 | 10  | "    | 50.0 |  | 96  | 55-145 | 6  | 35 |    |
| Benzo (k) fluoranthene      | 42.9 | 5.0 | "    | 50.0 |  | 86  | 75-130 | 12 | 15 |    |
| Benzyl alcohol              | 36.5 | 10  | "    | 50.0 |  | 73  | 55-115 | 7  | 15 |    |
| Bis(2-chloroethoxy)methane  | 45.8 | 5.0 | "    | 50.0 |  | 92  | 70-115 | 7  | 15 |    |
| Bis(2-chloroethyl)ether     | 38.6 | 10  | "    | 50.0 |  | 77  | 55-115 | 8  | 25 |    |
| Bis(2-chloroisopropyl)ether | 39.1 | 5.0 | "    | 50.0 |  | 78  | 60-115 | 7  | 20 |    |
| Bis(2-ethylhexyl)phthalate  | 47.4 | 10  | "    | 50.0 |  | 95  | 70-125 | 17 | 20 |    |
| 4-Bromophenyl phenyl ether  | 48.2 | 5.0 | "    | 50.0 |  | 96  | 65-125 | 10 | 15 |    |
| Butyl benzyl phthalate      | 46.8 | 5.0 | "    | 50.0 |  | 94  | 70-125 | 17 | 20 |    |
| 4-Chloroaniline             | 29.5 | 50  | "    | 50.0 |  | 59  | 25-115 | 13 | 35 |    |
| 2-Chloronaphthalene         | 37.8 | 5.0 | "    | 50.0 |  | 76  | 60-115 | 4  | 10 |    |
| 4-Chloro-3-methylphenol     | 47.4 | 5.0 | "    | 50.0 |  | 95  | 75-130 | 9  | 15 |    |
| 2-Chlorophenol              | 40.3 | 5.0 | "    | 50.0 |  | 81  | 45-120 | 10 | 35 |    |
| 4-Chlorophenyl phenyl ether | 42.7 | 10  | "    | 50.0 |  | 85  | 70-120 | 6  | 10 |    |
| Chrysene                    | 44.7 | 5.0 | "    | 50.0 |  | 89  | 70-125 | 11 | 15 |    |
| Dibenz (a,h) anthracene     | 50.4 | 5.0 | "    | 50.0 |  | 101 | 60-140 | 9  | 25 |    |
| Dibenzofuran                | 40.8 | 5.0 | "    | 50.0 |  | 82  | 70-115 | 8  | 10 |    |
| Di-n-butyl phthalate        | 53.8 | 5.0 | "    | 50.0 |  | 108 | 75-120 | 13 | 15 |    |
| 1,2-Dichlorobenzene         | 31.0 | 10  | "    | 50.0 |  | 62  | 45-115 | 1  | 15 |    |
| 1,3-Dichlorobenzene         | 30.3 | 10  | "    | 50.0 |  | 61  | 40-115 | 2  | 20 |    |
| 1,4-Dichlorobenzene         | 30.7 | 10  | "    | 50.0 |  | 61  | 35-115 | 1  | 20 |    |
| 2,4-Dichlorophenol          | 43.7 | 5.0 | "    | 50.0 |  | 87  | 70-115 | 7  | 15 |    |
| Diethyl phthalate           | 46.7 | 5.0 | "    | 50.0 |  | 93  | 35-145 | 11 | 15 |    |
| 2,4-Dimethylphenol          | 39.4 | 10  | "    | 50.0 |  | 79  | 10-150 | 6  | 35 |    |
| Dimethyl phthalate          | 45.4 | 5.0 | "    | 50.0 |  | 91  | 10-150 | 9  | 35 |    |
| 4,6-Dinitro-2-methylphenol  | 43.3 | 5.0 | "    | 50.0 |  | 87  | 50-120 | 11 | 30 |    |
| 2,4-Dinitrophenol           | 37.3 | 10  | "    | 50.0 |  | 75  | 15-120 | 7  | 35 |    |
| 2,4-Dinitrotoluene          | 45.6 | 5.0 | "    | 50.0 |  | 91  | 65-135 | 9  | 30 |    |
| 2,6-Dinitrotoluene          | 50.0 | 5.0 | "    | 50.0 |  | 100 | 65-130 | 9  | 10 |    |
| Di-n-octyl phthalate        | 45.7 | 10  | "    | 50.0 |  | 91  | 65-125 | 21 | 20 | RB |

Sequoia Analytical - Morgan Hill

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1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control**  
**Sequoia Analytical - Morgan Hill**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch 5J26031 - EPA 3510C SepFunnel / EPA 8270C**

| Laboratory Control Sample Dup (5J26031-BSD1) |      |     |      | Prepared: 10/26/05 Analyzed: 10/28/05 |     |        |     |    |  |    |
|----------------------------------------------|------|-----|------|---------------------------------------|-----|--------|-----|----|--|----|
| Fluoranthene                                 | 46.0 | 5.0 | ug/l | 50.0                                  | 92  | 65-135 | 9   | 15 |  |    |
| Fluorene                                     | 43.9 | 5.0 | "    | 50.0                                  | 88  | 75-120 | 7   | 15 |  |    |
| Hexachlorobenzene                            | 47.8 | 5.0 | "    | 50.0                                  | 96  | 70-120 | 12  | 15 |  |    |
| Hexachlorobutadiene                          | 31.5 | 10  | "    | 50.0                                  | 63  | 25-120 | 6   | 35 |  |    |
| Hexachlorocyclopentadiene                    | 35.0 | 10  | "    | 50.0                                  | 70  | 15-140 | 5   | 30 |  |    |
| Hexachloroethane                             | 29.7 | 10  | "    | 50.0                                  | 59  | 35-115 | 6   | 20 |  |    |
| Indeno (1,2,3-cd) pyrene                     | 48.9 | 10  | "    | 50.0                                  | 98  | 65-135 | 8   | 20 |  |    |
| Isophorone                                   | 42.9 | 5.0 | "    | 50.0                                  | 86  | 65-115 | 9   | 15 |  |    |
| 2-Methylnaphthalene                          | 37.7 | 5.0 | "    | 50.0                                  | 75  | 60-115 | 2   | 15 |  |    |
| 2-Methylphenol                               | 37.5 | 5.0 | "    | 50.0                                  | 75  | 40-115 | 10  | 35 |  |    |
| 4-Methylphenol                               | 35.4 | 5.0 | "    | 25.0                                  | 142 | 35-150 | 11  | 25 |  |    |
| Naphthalene                                  | 36.9 | 5.0 | "    | 50.0                                  | 74  | 55-115 | 0.3 | 20 |  |    |
| 2-Nitroaniline                               | 40.9 | 10  | "    | 50.0                                  | 82  | 65-120 | 10  | 15 |  |    |
| 3-Nitroaniline                               | 33.4 | 100 | "    | 50.0                                  | 67  | 10-150 | 11  | 35 |  |    |
| 4-Nitroaniline                               | 40.5 | 50  | "    | 50.0                                  | 81  | 10-150 | 1   | 35 |  |    |
| Nitrobenzene                                 | 42.5 | 5.0 | "    | 50.0                                  | 85  | 65-115 | 8   | 15 |  |    |
| 2-Nitrophenol                                | 43.6 | 5.0 | "    | 50.0                                  | 87  | 70-115 | 8   | 15 |  |    |
| 4-Nitrophenol                                | 20.2 | 10  | "    | 50.0                                  | 40  | 15-115 | 13  | 35 |  |    |
| N-Nitrosodi-n-propylamine                    | 43.0 | 5.0 | "    | 50.0                                  | 86  | 55-120 | 10  | 20 |  |    |
| N-Nitrosodiphenylamine                       | 58.1 | 10  | "    | 50.0                                  | 116 | 30-150 | 11  | 10 |  | RB |
| Pentachlorophenol                            | 44.0 | 10  | "    | 50.0                                  | 88  | 30-120 | 9   | 35 |  |    |
| Phenanthrene                                 | 48.1 | 5.0 | "    | 50.0                                  | 96  | 75-120 | 11  | 10 |  | RB |
| Phenol                                       | 19.4 | 5.0 | "    | 50.0                                  | 39  | 25-115 | 10  | 30 |  |    |
| Pyrene                                       | 46.5 | 5.0 | "    | 50.0                                  | 93  | 75-140 | 15  | 15 |  |    |
| 1,2,4-Trichlorobenzene                       | 34.0 | 10  | "    | 50.0                                  | 68  | 35-115 | 5   | 15 |  |    |
| 2,4,5-Trichlorophenol                        | 43.2 | 5.0 | "    | 50.0                                  | 86  | 70-120 | 11  | 15 |  |    |
| 2,4,6-Trichlorophenol                        | 42.1 | 5.0 | "    | 50.0                                  | 84  | 65-120 | 9   | 10 |  |    |
| Surrogate: 2-Fluorophenol                    | 55.2 |     | "    | 100                                   | 55  | 25-115 |     |    |  |    |
| Surrogate: Phenol-d6                         | 36.5 |     | "    | 100                                   | 36  | 15-115 |     |    |  |    |
| Surrogate: Nitrobenzene-d5                   | 41.4 |     | "    | 50.0                                  | 83  | 35-115 |     |    |  |    |
| Surrogate: 2-Fluorobiphenyl                  | 40.3 |     | "    | 50.0                                  | 81  | 35-120 |     |    |  |    |
| Surrogate: 2,4,6-Tribromophenol              | 98.8 |     | "    | 100                                   | 99  | 35-125 |     |    |  |    |
| Surrogate: p-Terphenyl-d14                   | 45.9 |     | "    | 50.0                                  | 92  | 40-130 |     |    |  |    |

Sequoia Analytical - Morgan Hill

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.*



URS Corporation [Arco]  
1333 Broadway, Suite 800  
Oakland CA, 94612

Project: ARCO #0601, San Leandro, CA  
Project Number: G0C23-0004  
Project Manager: Scott Robinson

MOJ1233  
Reported:  
11/05/05 09:50

**Notes and Definitions**

RB RPD exceeded method control limit; % recoveries within limits.

LN MS and/or MSD below acceptance limits. See Blank Spike(LCS).

LM MS and/or MSD above acceptance limits. See Blank Spike(LCS).

IC Calib. verif. is within method limits but outside contract limits

HL Analyte recovery above established limit

BB, LN Sample > 4x spike concentration.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference



# Chain of Custody Record

Page 1 of 1

Project Name: Analytical for QMR sampling  
BP BU/AR Region/Enfos Segment: BP > Americas > West Coast > Retail > WCBU >  
CA > Central > 601 > Historical/BL  
State or Lead Regulatory Agency: California Regional Water Quality Control Board - San Francisco  
Requested Due Date (mm/dd/yy): 10 Day TAT

On-site Time: 8:05 Temp: 70°F  
Off-site Time: 10:50 Temp: 70°F  
Sky Conditions: cloudy  
Meteorological Events: none  
Wind Speed: Direction:

|                                       |                                                                    |                                             |
|---------------------------------------|--------------------------------------------------------------------|---------------------------------------------|
| Lab Name: Sequoia                     | BP/AR Facility No.: 601                                            | Consultant/Contractor: URS                  |
| Address: 885 Jarvis Drive             | BP/AR Facility Address: 712 Lewelling Blvd., San Leandro, CA 94577 | Address: 1333 Broadway, Suite 800           |
| Morgan Hill, CA 95037                 | Site Lat/Long: 37.686548 / -122.139                                | Oakland, CA 94612                           |
| Lab PM: Lisa Race / Jamshid Kekobad   | California Global ID No.: T0600100108                              | Consultant/Contractor Project No.: 38487014 |
| Tele/Fax: 408.782.8156 / 408.782.6308 | Enfos Project No.: G0C23-0004                                      | Consultant/Contractor PM: Scott Robinson    |
| BP/AR PM Contact: Paul Supple         | Provision or RCOP: Provision                                       | Tele/Fax: 510.874.3280 / 510.874.3268       |
| Address: P.O. Box 6549                | Phase/WBS: 04 - Mon/Remed by Natural Attenuation                   | Report Type & QC Level: Level 1 with BDF    |
| Moraga, CA 94570                      | Sub Phase/Task: 03 - Analytical                                    | E-mail EDD To: Donna.Cosper@URSCorp.com     |
| Tele/Fax: 925.299.8891 / 925.299.8872 | Cost Element: 05 - Subcontracted Costs                             | Invoice to: Atlantic Richfield Company      |

| Lab Bottle Order No: 601 |                    |      |          | Matrix     |              |     | Laboratory No. | No. of Containers | Preservative |                                |                  |     |          | Requested Analysis |                                   |                      |                |             |  |  |  | Sample Point Lat/Long and Comments |  |  |         |
|--------------------------|--------------------|------|----------|------------|--------------|-----|----------------|-------------------|--------------|--------------------------------|------------------|-----|----------|--------------------|-----------------------------------|----------------------|----------------|-------------|--|--|--|------------------------------------|--|--|---------|
| Item No.                 | Sample Description | Time | Date     | Soil/Solid | Water/Liquid | Air |                |                   | Unpreserved  | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | Methanol | GRO / BTEX (8260)  | MTBE, TAME, ETBE, DPE, TEA (8260) | 1,2-DCA & EDB (8260) | ETHANOL (8260) | SVOC's 8270 |  |  |  |                                    |  |  |         |
| 1                        | MW-1               | 915  | 10/20/05 | X          |              |     | 4              | 5                 |              |                                | A                |     | X        | X                  | X                                 | X                    | X              |             |  |  |  |                                    |  |  |         |
| 2                        | MW-3               | 1020 | ↓        | A          |              |     | 02             | 3                 |              |                                | 1                |     | X        | X                  | X                                 | X                    |                |             |  |  |  |                                    |  |  |         |
| 3                        | MW-4               | 1030 | ↓        | A          |              |     | 03             | 3                 |              |                                | A                |     | X        | X                  | X                                 | X                    |                |             |  |  |  |                                    |  |  |         |
| 4                        | MW-5               | 950  | ↓        | A          |              |     | 04             | 3                 |              |                                | X                |     | X        | X                  | X                                 | X                    |                |             |  |  |  |                                    |  |  |         |
| 5                        | MW-6               | 930  | ↓        | X          |              |     | 15             | 3                 |              |                                | X                |     | X        | X                  | X                                 | X                    |                |             |  |  |  |                                    |  |  |         |
| 6                        | TB-60110212005     |      | ↓        | X          |              |     | 04             | 2                 |              |                                | X                |     |          |                    |                                   |                      |                |             |  |  |  |                                    |  |  | on hold |
| 7                        |                    |      |          |            |              |     |                |                   |              |                                |                  |     |          |                    |                                   |                      |                |             |  |  |  |                                    |  |  |         |
| 8                        |                    |      |          |            |              |     |                |                   |              |                                |                  |     |          |                    |                                   |                      |                |             |  |  |  |                                    |  |  |         |
| 9                        |                    |      |          |            |              |     |                |                   |              |                                |                  |     |          |                    |                                   |                      |                |             |  |  |  |                                    |  |  |         |
| 10                       |                    |      |          |            |              |     |                |                   |              |                                |                  |     |          |                    |                                   |                      |                |             |  |  |  |                                    |  |  |         |

|                            |                                            |                |            |                                        |                |            |
|----------------------------|--------------------------------------------|----------------|------------|----------------------------------------|----------------|------------|
| Sampler's Name: P. Cormish | Relinquished By / Affiliation: [Signature] | Date: 10/20/05 | Time: 1500 | Accepted By / Affiliation: [Signature] | Date: 10/21/05 | Time: 1100 |
| Sampler's Company: BRS     |                                            |                |            |                                        |                |            |
| Shipment Date:             |                                            |                |            |                                        |                |            |
| Shipment Method:           |                                            |                |            |                                        |                |            |
| Shipment Tracking No:      |                                            |                |            |                                        |                |            |

Instructions:

Labels In Place Yes ☒ No ☐ Temp Blank Yes ☒ No ☐ Cooler Temperature on Receipt 3.6 °F/C Trip Blank Yes ☒ No ☐

Notes: White Copy - Laboratory / Yellow Copy - BP/Atlantic Richfield Co. / Pink Copy - Consultant/Contractor

BP COC Rev. 4 10/1/04

# SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: URS  
 REC. BY (PRINT): Marcos  
 WORKORDER: MOJ1233

DATE REC'D AT LAB: 10/24/05  
 TIME REC'D AT LAB: 16:04  
 DATE LOGGED IN: 10-25-05

For Regulatory Purposes?  
 DRINKING WATER YES NO  
 WASTE WATER YES NO

| CIRCLE THE APPROPRIATE RESPONSE                                                                                                                                     | LAB<br>SAMPLE # | DASH<br># | CLIENT ID | CONTAINER<br>DESCRIPTION | PRESERV<br>ATIVE | pH | SAMPLE<br>MATRIX | DATE<br>SAMPLED | REMARKS:<br>CONDITION (ETC.) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------|-----------|--------------------------|------------------|----|------------------|-----------------|------------------------------|
| 1. Custody Seal(s) <u>Present</u> / Absent<br>Intact / Broken*                                                                                                      |                 |           |           |                          |                  |    |                  |                 |                              |
| 2. Chain-of-Custody <u>Present</u> / Absent*                                                                                                                        |                 |           |           |                          |                  |    |                  |                 |                              |
| 3. Traffic Reports or<br>Packing List: <u>Present</u> / Absent                                                                                                      |                 |           |           |                          |                  |    |                  |                 |                              |
| 4. Airbill:<br>Airbill / Sticker<br><u>Present</u> / Absent                                                                                                         |                 |           |           |                          |                  |    |                  |                 |                              |
| 5. Airbill #:                                                                                                                                                       |                 |           |           |                          |                  |    |                  |                 |                              |
| 6. Sample Labels: <u>Present</u> / Absent                                                                                                                           |                 |           |           |                          |                  |    |                  |                 |                              |
| 7. Sample IDs:<br><u>Listed</u> / Not Listed<br>on Chain-of-Custody                                                                                                 |                 |           |           |                          |                  |    |                  |                 |                              |
| 8. Sample Condition:<br><u>Intact</u> / Broken* /<br>Leaking*                                                                                                       |                 |           |           |                          |                  |    |                  |                 |                              |
| 9. Does information on chain-of-custody,<br>traffic reports and sample labels<br>agree? <u>Yes</u> / No*                                                            |                 |           |           |                          |                  |    |                  |                 |                              |
| 10. Sample received within<br>hold time? <u>Yes</u> / No*                                                                                                           |                 |           |           |                          |                  |    |                  |                 |                              |
| 11. Adequate sample volume<br>received? <u>Yes</u> / No*                                                                                                            |                 |           |           |                          |                  |    |                  |                 |                              |
| 12. Proper preservatives used? <u>Yes</u> / No*                                                                                                                     |                 |           |           |                          |                  |    |                  |                 |                              |
| 13. Trip Blank / Temp Blank Received?<br>(circle which, if yes) <u>Yes</u> / No*                                                                                    |                 |           |           |                          |                  |    |                  |                 |                              |
| 14. Read Temp: <u>3.6</u><br>Corrected Temp: <u>3.6</u><br>Is corrected temp 4 +/- 2°C? <u>Yes</u> / No**<br>(Acceptance range for samples requiring thermal pres.) |                 |           |           |                          |                  |    |                  |                 |                              |

\*\*Exception (if any): METALS / DFF ON ICE  
 or Problem COC

\*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

**ATTACHMENT C**

**ERROR CHECK REPORTS AND EDF/GEOWELL SUBMITTAL  
CONFIRMATIONS**

## Electronic Submittal Information

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### SUCCESSFUL GEO\_WELL CHECK - NO ERRORS

|                           |                                |
|---------------------------|--------------------------------|
| <u>ORGANIZATION NAME:</u> | URS Corporation-Oakland Office |
| <u>USER NAME:</u>         | URSCORP-OAKLAND                |
| <u>DATE CHECKED:</u>      | 11/15/2005 6:31:04 PM          |

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**Your file has been successfully submitted!**

**Submittal Title:** 4Q 2005 BP/ARCO 601  
GEOWELL

**Submittal Date/Time:** 11/15/2005 6:31:51 PM

**Confirmation**  
**Number:** 8082951188

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### SUCCESSFUL EDF CHECK - NO ERRORS

|                           |                                |
|---------------------------|--------------------------------|
| <u>ORGANIZATION NAME:</u> | URS Corporation-Oakland Office |
| <u>USER NAME:</u>         | URSCORP-OAKLAND                |
| <u>DATE CHECKED:</u>      | 11/15/2005 6:33:05 PM          |
| <u>GLOBAL ID:</u>         | T0600100108                    |
| <u>FILE UPLOADED:</u>     | ARCO#0601-EDF-MOJ1233.zip      |

No errors were found in your EDF upload file.

**If you want to submit this file to the SWRCB, choose the "Upload EDD" option in the above menu and follow the instructions.**

When you complete the submittal process, you will be given a confirmation number for your submittal.

[Click here to view the detections report for this upload.](#)

|                                                                       |                                                                                                                                                                        |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ARCO # 00601</b><br>712 LEWELLING BLVD<br>SAN<br>LEANDRO, CA 94579 | <b>Regional Board - Case #: 01-0116</b><br>SAN FRANCISCO BAY RWQCB (REGION 2) - (RDB)<br><b>Local Agency (lead agency) - Case #: 4275</b><br>ALAMEDA COUNTY LOP - (AG) |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### SAMPLE DETECTIONS REPORT

|                                                       |       |
|-------------------------------------------------------|-------|
| # FIELD POINTS SAMPLED                                | 5     |
| # FIELD POINTS WITH DETECTIONS                        | 5     |
| # FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL | 5     |
| SAMPLE MATRIX TYPES                                   | WATER |

### METHOD QA/QC REPORT

|                                       |                |
|---------------------------------------|----------------|
| METHODS USED                          | 8260FA,SW8270C |
| TESTED FOR REQUIRED ANALYTES?         | N              |
| MISSING PARAMETERS NOT TESTED:        |                |
| - 8260FA REQUIRES DBFM TO BE TESTED   |                |
| - 8260FA REQUIRES BR4FBZ TO BE TESTED |                |
| - 8260FA REQUIRES BZMED8 TO BE TESTED |                |
| LAB NOTE DATA QUALIFIERS              | Y              |

### QA/QC FOR 8021/8260 SERIES SAMPLES

|                                                                 |   |
|-----------------------------------------------------------------|---|
| TECHNICAL HOLDING TIME VIOLATIONS                               | 0 |
| METHOD HOLDING TIME VIOLATIONS                                  | 0 |
| LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT            | 0 |
| LAB BLANK DETECTIONS                                            | 0 |
| DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING? |   |
| - LAB METHOD BLANK                                              | Y |
| - MATRIX SPIKE                                                  | Y |
| - MATRIX SPIKE DUPLICATE                                        | Y |
| - BLANK SPIKE                                                   | Y |
| - SURROGATE SPIKE                                               | Y |

### WATER SAMPLES FOR 8021/8260 SERIES

|                                                                     |   |
|---------------------------------------------------------------------|---|
| MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% | N |
| MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%          | Y |
| SURROGATE SPIKES % RECOVERY BETWEEN 85-115%                         | N |
| BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%     | N |

**SOIL SAMPLES FOR 8021/8260 SERIES**

|                                                                     |     |
|---------------------------------------------------------------------|-----|
| MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% | n/a |
| MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%          | n/a |
| SURROGATE SPIKES % RECOVERY BETWEEN 70-125%                         | n/a |
| BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%     | n/a |

**FIELD QC SAMPLES**

| <u>SAMPLE</u> | <u>COLLECTED</u> | <u>DETECTIONS &gt; REPD</u> |
|---------------|------------------|-----------------------------|
| QCTB SAMPLES  | N                | 0                           |
| QCEB SAMPLES  | N                | 0                           |
| QCAB SAMPLES  | N                | 0                           |

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**Confirmation Number:** 5103438615  
**Date/Time of Submittal:** 11/15/2005 6:33:55 PM  
**Facility Global ID:** T0600100108  
**Facility Name:** ARCO # 00601  
**Submittal Title:** 4Q 2005 BP/ARCO 601 EDF  
**Submittal Type:** GW Monitoring Report

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|                                                                    |                                                                                                                                                                        |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ARCO # 00601</b><br>712 LEWELLING BLVD<br>SAN LEANDRO, CA 94579 | <b>Regional Board - Case #: 01-0116</b><br>SAN FRANCISCO BAY RWQCB (REGION 2) - (RDB)<br><b>Local Agency (lead agency) - Case #: 4275</b><br>ALAMEDA COUNTY LOP - (AG) |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| CONF #        | TITLE                   | QUARTER        |
|---------------|-------------------------|----------------|
| 5103438615    | 4Q 2005 BP/ARCO 601 EDF | Q4 2005        |
| SUBMITTED BY  | SUBMIT DATE             | STATUS         |
| Srijesh Thapa | 11/15/2005              | PENDING REVIEW |

### SAMPLE DETECTIONS REPORT

|                                                       |       |
|-------------------------------------------------------|-------|
| # FIELD POINTS SAMPLED                                | 5     |
| # FIELD POINTS WITH DETECTIONS                        | 5     |
| # FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL | 5     |
| SAMPLE MATRIX TYPES                                   | WATER |

### METHOD QA/QC REPORT

|                                       |                |
|---------------------------------------|----------------|
| METHODS USED                          | 8260FA,SW8270C |
| TESTED FOR REQUIRED ANALYTES?         | N              |
| MISSING PARAMETERS NOT TESTED:        |                |
| - 8260FA REQUIRES DBFM TO BE TESTED   |                |
| - 8260FA REQUIRES BR4FBZ TO BE TESTED |                |
| - 8260FA REQUIRES BZMED8 TO BE TESTED |                |
| LAB NOTE DATA QUALIFIERS              | Y              |

### QA/QC FOR 8021/8260 SERIES SAMPLES

|                                                                 |   |
|-----------------------------------------------------------------|---|
| TECHNICAL HOLDING TIME VIOLATIONS                               | 0 |
| METHOD HOLDING TIME VIOLATIONS                                  | 0 |
| LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT            | 0 |
| LAB BLANK DETECTIONS                                            | 0 |
| DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING? |   |
| - LAB METHOD BLANK                                              | Y |
| - MATRIX SPIKE                                                  | Y |
| - MATRIX SPIKE DUPLICATE                                        | Y |
| - BLANK SPIKE                                                   | Y |
| - SURROGATE SPIKE                                               | Y |

### WATER SAMPLES FOR 8021/8260 SERIES

|                                                                     |   |
|---------------------------------------------------------------------|---|
| MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% | N |
| MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%          | Y |
| SURROGATE SPIKES % RECOVERY BETWEEN 85-115%                         | N |
| BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%     | N |

### SOIL SAMPLES FOR 8021/8260 SERIES

|                                                                     |     |
|---------------------------------------------------------------------|-----|
| MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135% | n/a |
| MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%          | n/a |
| SURROGATE SPIKES % RECOVERY BETWEEN 70-125%                         | n/a |
| BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%     | n/a |

**FIELD QC SAMPLES**

| <u>SAMPLE</u> | <u>COLLECTED</u> | <u>DETECTIONS &gt; REPD</u> |
|---------------|------------------|-----------------------------|
| QCTB SAMPLES  | N                | 0                           |
| QCEB SAMPLES  | N                | 0                           |
| QCAB SAMPLES  | N                | 0                           |

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