



Atlantic Richfield Company  
(a BP affiliated company)

P.O. Box 1257  
San Ramon, CA 94583  
Phone: (925) 275-3801  
Fax: (925) 275-3815

28 July 2008

Re: Second Quarter 2008 Ground-Water Monitoring Report  
Atlantic Richfield Company (a BP affiliated company) Station #608  
17601 Hesperian Boulevard  
San Lorenzo, California  
ACEH Case #RO0000255



**RECEIVED**

3:17 pm, Jul 30, 2008

Alameda County  
Environmental Health

“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 Manger

**Second Quarter 2008 Ground-Water Monitoring Report**  
Atlantic Richfield Company Station #608  
17601 Hesperian Boulevard  
San Lorenzo, California

Prepared for

Mr. Paul Supple  
Environmental Business Manager  
Atlantic Richfield Company  
P.O. Box 1257  
San Ramon, California 94583

Prepared by



1324 Mangrove Avenue, Suite 212  
Chico, California 95926  
(530) 566-1400  
*www.broadbentinc.com*

28 July 2008

Project No. 06-08-606

28 July 2008

Project No. 06-08-606

Atlantic Richfield Company  
P.O. Box 1257  
San Ramon, California 94583  
Submitted via ENFOS

Attn.: Mr. Paul Supple

Re: Second Quarter 2008 Ground-Water Monitoring Report, Atlantic Richfield Company (a BP affiliated company) Station #608, 17601 Hesperian Blvd., San Lorenzo, Alameda County, California; ACEH Case #RO0000255

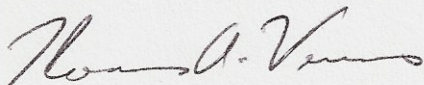
Dear Mr. Supple:

Provided herein is the *Second Quarter 2008 Ground-Water Monitoring Report* for Atlantic Richfield Company Station #608 located at 17601 Hesperian Boulevard, San Lorenzo, California (Site). This report presents results of ground-water monitoring conducted at the Site during the Second Quarter of 2008.

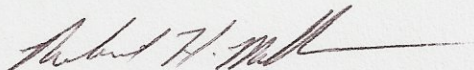
Should you have questions regarding the work performed or results obtained, please do not hesitate to contact us at (530) 566-1400.

Sincerely,

BROADBENT & ASSOCIATES, INC.



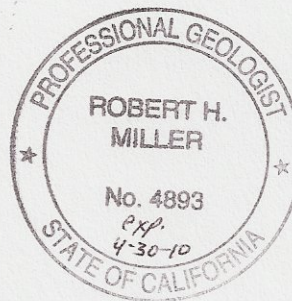
Thomas A. Venus, P.E.  
Senior Engineer



Robert H. Miller, P.G., C.HG.  
Principal Hydrogeologist

Enclosures

cc: Mr. Paresh Khatri, Alameda County Environmental Health (Submitted via ACEH ftp site)  
Electronic copy uploaded to GeoTracker



## STATION #608 QUARTERLY GROUND-WATER MONITORING REPORT

|                                     |          |  |
|-------------------------------------|----------|--|
| Facility: #608                      | Address: | 17601 Hesperian Boulevard, San Lorenzo                                     |
| Environmental Business Manager:     |          | Mr. Paul Supple  |
| Consulting Co./Contact Persons:     |          | Broadbent & Associates, Inc.(BAI)/Rob Miller & Tom Venus<br>(530) 566-1400 |
| Consultant Project No.:             |          | 06-08-606  |
| Primary Agency/Regulatory ID No.:   |          | Alameda County Environmental Health (ACEH)<br>ACEH Case #RO0000255         |
| Facility Permits/Permitting Agency: |          | Oro Loma Sanitary District Permit #SDP-037                                 |

### WORK PERFORMED THIS QUARTER (Second Quarter 2008):

1. Prepared and submitted First Quarter 2008 Ground-Water Monitoring Report.
2. Conducted ground-water monitoring/sampling for Second Quarter 2008. Work performed on 13 June 2008 by Stratus Environmental, Inc (Stratus).
3. Prepared and submitted Proposed Modifications to Ground-Water Monitoring and Sampling Schedule letter on 22 May 2008.

### WORK PROPOSED FOR NEXT QUARTER (Third Quarter 2008):

1. Prepare and submit Second Quarter 2008 Ground-Water Monitoring Report (provided herein).
2. Conduct ground-water monitoring/sampling for Third Quarter 2008.
3. Prepare and submit a Soil and Water Investigation Work Plan by 26 August 2008.

### QUARTERLY RESULTS SUMMARY:

|                                       |   |
|---------------------------------------|---|
| Current phase of project:             | <b>Ground-water monitoring/sampling</b>   |
| Frequency of ground-water monitoring: | <b>Quarterly: E-1A, MW-5, MW-8, MW-9, MW-10, MW-11, MW-14, MW-15, MW-16, MW-18, MW-21, MW-22, MW-23, MW-25, MW-26</b> |
| Frequency of ground-water sampling:   | <b>See Tables 4a and 4b</b>   |
| Is free product (FP) present on-site: | <b>No</b>   |
| Current remediation techniques:       | <b>NA</b>   |
| Depth to ground water (below TOC):    | <b>10.05 ft (MW-10) to 11.50 ft (MW-25)</b>   |
| General ground-water flow direction:  | <b>NA</b>   |
| Approximate hydraulic gradient:       | <b>NA</b>   |

### DISCUSSION:

Second Quarter 2008 ground-water monitoring and sampling was conducted at Station #608 on 13 June 2008 by Stratus personnel. Water levels were gauged in two of the fifteen wells scheduled for monitoring and associated with the Site. Well E-1A was inaccessible due to a standing safety order from BP that wells with vault lids greater than 24-inches across required that a well planned Job Safety Analysis (JSA) be prepared prior to accessing them, principally to prevent ergonomic injuries. Stratus has since prepared and presented an approved JSA, allowing safe future access. Water levels were not gauged by Stratus in wells MW-5, MW-8, MW-9, MW-11, MW-14, MW-15, MW-16, MW-18, MW-21, MW-22, MW-23, and MW-26 due to the fact that a new field technician was assigned to the site and was unaware of the current monitoring schedule. Stratus will endeavor to appropriately gauge water level elevations in each scheduled well during Third Quarter 2008. No other irregularities were noted during

water level gauging. Depth-to-water measurements during this event were 10.05 ft at MW-10 and 11.50 ft at MW-25. Resulting ground-water surface elevations were 24.83 ft above mean sea level (msl) in well MW-25 and 23.45 ft above msl in well MW-10. Water level elevations were between historic minimum and maximum ranges for each monitoring well gauged, as summarized in Table 1. Due to the limited number of wells gauged for water level elevations this quarter, a potentiometric ground-water flow direction and gradient could not be determined. Historical ground-water flow directions and gradients are presented in Table 3. Ground-water monitoring field data sheets are provided within Appendix A. Measured depths to ground-water and respective ground-water elevations are summarized in Table 1.

Water samples were collected from wells MW-10 and MW-25, generally consistent with the current sampling schedule presented in Table 4a with the following exceptions: Domestic irrigation well 642H was not sampled because property access could not be obtained and domestic irrigation well 17372VM was not sampled because the pump within in the well was reported non-operational. Well E-1A was not sampled as scheduled due to the ergonomics reason, as previously described. No other irregularities were reported during sampling during this quarter. Samples were submitted under chain-of-custody protocol to Calscience Environmental Laboratories, Inc. (Garden Grove, California), for analysis of Gasoline Range Organics (GRO, C6-12) by EPA Method 8015B; for Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX) by EPA Method 8260B; and tert-Amyl methyl ether (TAME), tert-Butyl alcohol (TBA), Di-isopropyl ether(DIPE), 1,2-Dibromomethane (EDB), 1,2-Dichloroethane (1,2-DCA), Ethanol, Ethyl tert-butyl ether (ETBE), and Methyl tert-butyl ether (MTBE) by EPA Method 8260B. No significant irregularities were encountered during laboratory analysis of the samples. Ground-water sampling field data sheets and the laboratory analytical report, including chain-of-custody documentation, are provided in Appendix A.

Gasoline range organics (GRO) were detected above the laboratory reporting limits in one of the two wells sampled at a concentration of 410 micrograms per liter ( $\mu\text{g/L}$ ) in well MW-10. TAME was detected above the laboratory reporting limit in one of the two wells sampled at a concentration of 0.58  $\mu\text{g/L}$  in well MW-25. MTBE was detected above the laboratory reporting limit in each of the two wells sampled at concentrations of 2.2  $\mu\text{g/L}$  in well MW-25 and 5.8  $\mu\text{g/L}$  in well MW-10. The remaining fuel additives and oxygenates were not detected above their laboratory reporting limits in the wells sampled this quarter. Detected analyte concentrations were within the historic minimum and maximum ranges recorded for each well with the following exception: MTBE and TAME reached historic minimum concentrations of 2.2  $\mu\text{g/L}$  and 0.58  $\mu\text{g/L}$ , respectively, in well MW-25. Historic laboratory analytical results are summarized in Table 1 and Table 2. The most recent GRO, Benzene, and MTBE concentrations are also presented in Drawing 1. A copy of the Laboratory Analytical Report, including chain-of-custody documentation is provided in Appendix A. Ground-water monitoring data (GEO\_WELL) and laboratory analytical results (EDF) were uploaded to the GeoTracker AB2886 database. Upload confirmation pages are provided in Appendix B.

A modified sampling schedule was approved by Alameda County Environmental Health (ACEH) in their letter dated 27 June 2008. The current sampling schedule is provided in Table 4a and the new, modified schedule to be implemented beginning Third Quarter 2008 is provided in Table 4b.

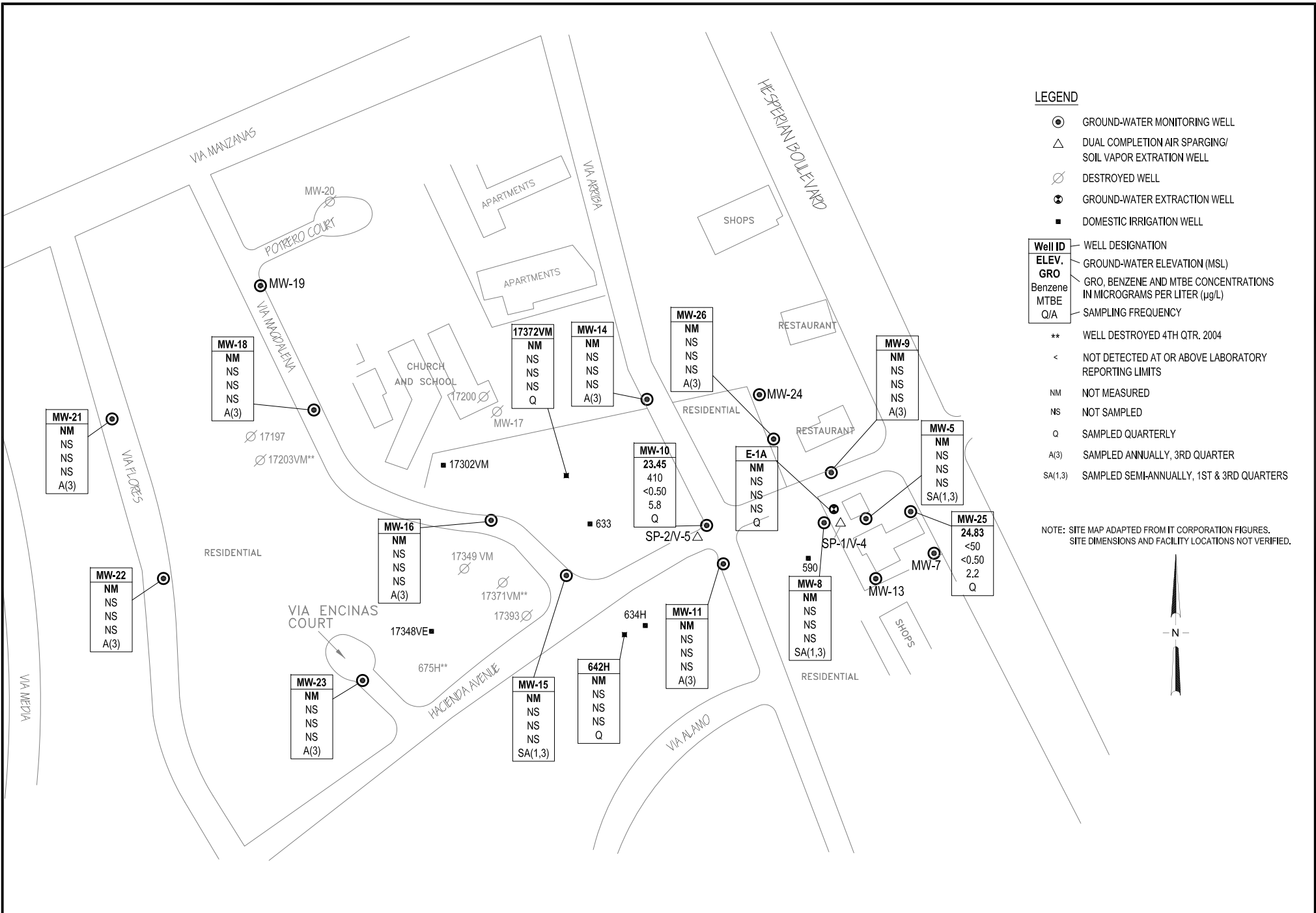
## **CLOSURE:**

The findings presented in this report are based upon: observations of Stratus field personnel (see Appendix A), the points investigated, and results of laboratory tests performed by Calscience Environmental Laboratories, Inc. (Garden Grove, California). Our services were performed in accordance with the generally accepted standard of practice at the time this report was written. No other

warranty, expressed or implied was made. This report has been prepared for the exclusive use of Atlantic Richfield Company. It is possible that variations in soil or ground-water conditions could exist beyond points explored in this investigation. Also, changes in site conditions could occur in the future due to variations in rainfall, temperature, regional water usage, or other factors.

**ATTACHMENTS:**

- Drawing 1. Ground-Water Elevations and Analytical Summary Map, 13 June 2008, ARCO Service Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #608, 17601 Hesperian Blvd., San Lorenzo, California
- Table 2. Summary of Fuel Additives Analytical Data, Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Table 3. Historical Ground-Water Flow Direction and Gradient, Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Table 4a. Current Ground-Water Sampling Schedule, Atlantic Richfield Company Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Table 4b. Modified Ground-Water Sampling Schedule, Atlantic Richfield Company Station #608, 17601 Hesperian Boulevard, San Lorenzo, California
- Appendix A. Stratus Ground-Water Sampling Data Package (Includes Field Data Sheets, Laboratory Analytical Report with Chain-of-Custody Documentation, and Field Procedures)
- Appendix B. GeoTracker Upload Confirmations



**LEGEND**

- ⊙ GROUND-WATER MONITORING WELL
  - △ DUAL COMPLETION AIR SPARGING/ SOIL VAPOR EXTRACTION WELL
  - ⊘ DESTROYED WELL
  - ⊕ GROUND-WATER EXTRACTION WELL
  - DOMESTIC IRRIGATION WELL
- | Well ID | WELL DESIGNATION  |
|---------|---|
| ELEV.   | GROUND-WATER ELEVATION (MSL)  |
| GRO     | GRO, BENZENE AND MTBE CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L) |
| Benzene |   |
| MTBE    |   |
| Q/A     | SAMPLING FREQUENCY  |
- \*\* WELL DESTROYED 4TH QTR. 2004
  - < NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
  - NM NOT MEASURED
  - NS NOT SAMPLED
  - Q SAMPLED QUARTERLY
  - A(3) SAMPLED ANNUALLY, 3RD QUARTER
  - SA(1,3) SAMPLED SEMI-ANNUALLY, 1ST & 3RD QUARTERS

NOTE: SITE MAP ADAPTED FROM IT CORPORATION FIGURES. SITE DIMENSIONS AND FACILITY LOCATIONS NOT VERIFIED.



**BROADBENT & ASSOCIATES, INC.**  
ENGINEERING, WATER RESOURCES & ENVIRONMENTAL  
1324 Mangrove Ave. Suite 212, Chico, California 95926  
Project No.: 06-08-606 Date: 7/22/08

ARCO Service Station #608  
17601 Hesperian Boulevard  
San Lorenzo, California

Ground-Water Elevation Contours  
and Analytical Summary Map  
13 June 2008

Drawing

1

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |       | DO (mg/L) | pH  |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-------|-----------|-----|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE  |           |     |
| <b>17349 VM</b>      |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |     |
| 3/13/2002            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | 1       | <0.50   | <0.50         | <0.50         | 49    | --        | --  |
| 6/28/2002            | --   | l        | --             | --                     | --                        | --             | --                               | 66                       | 0.50    | <0.50   | <0.50         | <0.50         | 47/45 | --        | --  |
| 9/20/2002            | --   | k        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| <b>17372 VM</b>      |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |     |
| 3/13/2002            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --  |
| 6/28/2002            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --  |
| 9/20/2002            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --  |
| 12/30/2002           | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --  |
| 3/27/2003            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | --        | --  |
| 9/15/2003            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | --        | --  |
| 12/04/2003           | NP   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 4.7       | 7.2 |
| 03/10/2004           | --   | m        | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | --        | --  |
| 06/10/2004           | NP   | m        | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 4.1       | 6.9 |
| 09/22/2004           | NP   | m        | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 3.6       | 7.2 |
| 12/13/2004           | NP   | m        | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 3.76      | 7.6 |
| 03/10/2005           | NP   | m        | --             | --                     | --                        | --             | --                               | <100                     | <0.50   | <0.50   | <0.50         | <4.0          | <0.50 | 7.5       | 8.0 |
| 06/29/2005           | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 09/14/2005           | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 12/13/2005           | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 03/20/2006           | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 6/22/2006            | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 9/22/2006            | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 12/7/2006            | --   | j        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| <b>642 H</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |     |
| 3/13/2002            | --   | j        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 6/28/2002            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --  |
| 9/20/2002            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --  |
| 12/30/2002           | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --  |
| 3/27/2003            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | --        | --  |



**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |       | DO (mg/L) | pH  |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-------|-----------|-----|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE  |           |     |
| <b>642 H Cont.</b>   |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |     |
| 6/30/2003            | --   | j        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 9/15/2003            | --   |          | --             | --                     | --                        | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | --        | --  |
| 12/04/2003           | NP   |          | --             | --                     | --                        | 14.75          | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 3.2       | 7.1 |
| 06/10/2004           | --   | n        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | 7.9       | --  |
| 09/22/2004           | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 12/13/2004           | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 03/10/2005           | --   | n        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 06/29/2005           | --   | n        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 09/14/2005           | --   | n        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 12/13/2005           | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 03/20/2006           | --   | o        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 6/22/2006            | --   | j        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 9/22/2006            | --   | j        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| 12/7/2006            | --   | j        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --  |
| <b>E-1A</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |     |
| 3/13/2002            | --   | a        | 33.06          | --                     | --                        | 21.75          | 11.31                            | 200                      | <0.50   | <0.50   | <0.50         | <0.50         | 310   | --        | --  |
| 6/28/2002            | --   | b        | 33.06          | --                     | --                        | 11.22          | 21.84                            | 260                      | <0.50   | 11      | 1.2           | 1.2           | 150   | --        | --  |
| 9/20/2002            | --   |          | 33.06          | --                     | --                        | 11.80          | 21.26                            | 250                      | 1.18    | 0.52    | <0.5          | <1.5          | 218   | --        | --  |
| 12/30/2002           | --   | c, e     | 33.06          | --                     | --                        | 16.33          | 16.73                            | 190                      | <1.2    | <1.2    | <1.2          | <1.2          | 190   | --        | --  |
| 3/27/2003            | --   | g        | 33.06          | --                     | --                        | 13.63          | 19.43                            | 96                       | <0.50   | <0.50   | <0.50         | <0.50         | 60    | --        | --  |
| 6/30/2003            | P    | h        | 33.06          | --                     | --                        | 9.60           | 23.46                            | 140                      | <0.50   | <0.50   | <0.50         | <0.50         | 37    | --        | --  |
| 9/15/2003            | P    | g        | 33.06          | --                     | --                        | 17.80          | 15.26                            | 83                       | <0.50   | <0.50   | <0.50         | <0.50         | 49    | --        | --  |
| 12/04/2003           | NP   | g        | 33.06          | --                     | --                        | 18.73          | 14.33                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 19    | 4.3       | 7.0 |
| 03/10/2004           | NP   | g        | 34.30          | --                     | --                        | 16.78          | 17.52                            | <100                     | <1.0    | <1.0    | <1.0          | <1.0          | 38    | 4.9       | 7.2 |
| 06/10/2004           | NP   | g, p     | 34.30          | --                     | --                        | 16.67          | 17.63                            | 74                       | <0.50   | <0.50   | <0.50         | <0.50         | 46    | 2.0       | 6.7 |
| 09/22/2004           | NP   |          | 34.30          | --                     | --                        | 18.46          | 15.84                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 17    | --        | 7.0 |
| 12/13/2004           | NP   |          | 34.30          | --                     | --                        | 17.56          | 16.74                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 15    | 7.13      | 6.9 |
| 03/10/2005           | NP   |          | 34.30          | --                     | --                        | 14.60          | 19.70                            | <100                     | <0.50   | <0.50   | <0.50         | <4.0          | 22    | 6.6       | 8.0 |
| 06/29/2005           | NP   |          | 34.30          | --                     | --                        | 15.13          | 19.17                            | <50                      | <0.50   | 0.91    | <0.50         | <0.50         | 14    | 6.73      | 7.3 |
| 09/14/2005           | NP   |          | 34.30          | --                     | --                        | 16.90          | 17.40                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 13    | 5.4       | 6.7 |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |       | DO (mg/L) | pH   |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-------|-----------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE  |           |      |
| <b>E-1A Cont.</b>    |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 12/13/2005           | NP   |          | 34.30          | --                     | --                        | 18.84          | 15.46                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 12    | 8.3       | 7.1  |
| 03/20/2006           | --   | h        | 34.30          | --                     | --                        | 13.55          | 20.75                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/22/2006            | NP   |          | 34.30          | --                     | --                        | 13.82          | 20.48                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 13    | 5.2       | 7.5  |
| 9/22/2006            | P    |          | 34.30          | --                     | --                        | 14.22          | 20.08                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 12    | 2.65      | 7.7  |
| 12/7/2006            | --   | j        | 34.30          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/12/2007            | P    |          | 34.30          | --                     | --                        | 11.72          | 22.58                            | 61                       | <0.50   | <0.50   | <0.50         | <0.50         | 5.6   | --        | --   |
| 6/20/2007            | NP   |          | 34.30          | --                     | --                        | 18.71          | 15.59                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 6.8   | 3.40      | 7.35 |
| 9/20/2007            | NP   |          | 34.30          | --                     | --                        | 10.20          | 24.10                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.80  | 1.21      | 7.47 |
| 12/14/2007           | P    |          | 34.30          | --                     | --                        | 9.77           | 24.53                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 2.0   | 2.87      | 7.27 |
| 3/10/2008            | NP   |          | 34.30          | --                     | --                        | 9.00           | 25.30                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.43      | 7.11 |
| 3/26/2008            | P    | s        | 34.30          | --                     | --                        | 9.21           | 25.09                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.89  | 4.20      | 7.26 |
| <b>6/13/2008</b>     | --   | <b>j</b> | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --   |
| <b>MW-1</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/15/1996            | --   |          | 175.04         | --                     | --                        | 14.24          | 160.80                           | --                       | --      | --      | --            | --            | --    | --        | --   |
| <b>MW-5</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/13/2002            | --   |          | 33.99          | --                     | --                        | 11.46          | 22.53                            | 530                      | <2.5    | <2.5    | <2.5          | <2.5          | 230   | --        | --   |
| 6/28/2002            | --   | b        | 33.99          | --                     | --                        | 11.75          | 22.24                            | 180                      | <1.0    | 2.6     | <1.0          | 1.2           | 230   | --        | --   |
| 9/20/2002            | --   |          | 33.99          | --                     | --                        | 12.15          | 21.84                            | <50                      | <0.50   | <0.50   | <0.50         | <1.50         | 333   | --        | --   |
| 12/30/2002           | --   |          | 33.99          | --                     | --                        | 9.73           | 24.26                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --   |
| 3/27/2003            | --   |          | 33.99          | --                     | --                        | 11.24          | 22.75                            | 100                      | <0.50   | <0.50   | <0.50         | <0.50         | 59    | --        | --   |
| 6/30/2003            | --   |          | 33.99          | --                     | --                        | 11.62          | 22.37                            | 91                       | <0.50   | <0.50   | <0.50         | <0.50         | 58    | --        | --   |
| 9/15/2003            | --   |          | 33.99          | --                     | --                        | 12.13          | 21.86                            | <250                     | <2.5    | <2.5    | <2.5          | <2.5          | 61    | --        | --   |
| 12/04/2003           | P    |          | 33.99          | --                     | --                        | 11.85          | 22.14                            | 81                       | <0.50   | <0.50   | <0.50         | <0.50         | 42    | 1.7       | 7.0  |
| 03/10/2004           | P    |          | 35.97          | --                     | --                        | 10.34          | 25.63                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 9.5   | 1.2       | 6.6  |
| 06/10/2004           | P    |          | 35.97          | --                     | --                        | 11.65          | 24.32                            | 55                       | <0.50   | <0.50   | <0.50         | <0.50         | 31    | 1.3       | 7.0  |
| 09/22/2004           | P    |          | 35.97          | --                     | --                        | 12.23          | 23.74                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 15    | 0.8       | 6.8  |
| 12/13/2004           | P    |          | 35.97          | --                     | --                        | 11.16          | 24.81                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 5.4   | 3.76      | 6.8  |
| 03/10/2005           | P    |          | 35.97          | --                     | --                        | 9.90           | 26.07                            | <100                     | <0.50   | <0.50   | <0.50         | <4.0          | 3.3   | 2.6       | 7.7  |
| 06/29/2005           | P    |          | 35.97          | --                     | --                        | 11.35          | 24.62                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 6.7   | 0.93      | 6.6  |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               | DO (mg/L) | pH   |      |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-----------|------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes |           |      | MTBE |
| <b>MW-5 Cont.</b>    |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 09/14/2005           | P    |          | 35.97          | --                     | --                        | 11.80          | 24.17                            | <50                      | <0.50   | 0.91    | <0.50         | 0.68          | 13        | 0.8  | 6.9  |
| 12/13/2005           | --   |          | 35.97          | --                     | --                        | 11.60          | 24.37                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 03/20/2006           | P    |          | 35.97          | --                     | --                        | 10.04          | 25.93                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 3.8       | 0.8  | 7.1  |
| 6/22/2006            | --   |          | 35.97          | --                     | --                        | 11.33          | 24.64                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 9/22/2006            | P    |          | 35.97          | --                     | --                        | 11.57          | 24.40                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 12        | 1.12 | 7.1  |
| 12/7/2006            | --   |          | 35.97          | --                     | --                        | 11.71          | 24.26                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 3/12/2007            | P    |          | 35.97          | --                     | --                        | 10.86          | 25.11                            | <50                      | <0.50   | 0.60    | <0.50         | <0.50         | 5.8       | 2.55 | 7.17 |
| 6/20/2007            | --   |          | 35.97          | --                     | --                        | 11.82          | 24.15                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 9/20/2007            | NP   |          | 35.97          | --                     | --                        | 12.20          | 23.77                            | <50                      | <0.50   | 0.77    | <0.50         | <0.50         | 4.3       | 1.18 | 7.30 |
| 12/14/2007           | --   |          | 35.97          | --                     | --                        | 12.27          | 23.70                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 3/10/2008            | P    |          | 35.97          | --                     | --                        | 11.00          | 24.97                            | 110                      | <0.50   | <0.50   | <0.50         | <0.50         | 2.8       | 0.95 | 6.95 |
| <b>MW-8</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 3/13/2002            | --   |          | 32.79          | --                     | --                        | 10.30          | 22.49                            | 500                      | <2.5    | <2.5    | <2.5          | <2.5          | 1,100     | --   | --   |
| 6/28/2002            | --   | b        | 32.79          | --                     | --                        | 10.30          | 22.49                            | 150                      | <0.50   | 2.9     | 0.54          | 1.5           | 130       | --   | --   |
| 9/20/2002            | --   |          | 32.79          | --                     | --                        | 10.84          | 21.95                            | <50                      | <0.50   | <0.50   | <0.50         | <1.50         | 273       | --   | --   |
| 12/30/2002           | --   |          | 32.79          | --                     | --                        | 8.31           | 24.48                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 5.5       | --   | --   |
| 3/27/2003            | --   |          | 32.79          | --                     | --                        | 9.85           | 22.94                            | 63                       | <0.50   | <0.50   | <0.50         | <0.50         | 33        | --   | --   |
| 6/30/2003            | --   |          | 32.79          | --                     | --                        | 10.20          | 22.59                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 15        | --   | --   |
| 9/15/2003            | --   |          | 32.79          | --                     | --                        | 10.69          | 22.10                            | 59                       | <0.50   | <0.50   | <0.50         | <0.50         | 41        | --   | --   |
| 12/04/2003           | P    |          | 32.79          | --                     | --                        | 10.43          | 22.36                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 24        | 1.0  | 7.0  |
| 03/10/2004           | P    |          | 34.47          | --                     | --                        | 9.04           | 25.43                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 2.4       | 0.9  | 6.8  |
| 06/10/2004           | P    |          | 34.47          | --                     | --                        | 10.40          | 24.07                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 2.1       | 0.6  | 7.0  |
| 09/22/2004           | P    |          | 34.47          | --                     | --                        | 10.74          | 23.73                            | 84                       | <0.50   | <0.50   | <0.50         | <0.50         | 18        | 0.9  | 6.9  |
| 12/13/2004           | P    |          | 34.47          | --                     | --                        | 9.73           | 24.74                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 7.1       | 0.95 | 6.8  |
| 03/10/2005           | P    |          | 34.47          | --                     | --                        | 8.17           | 26.30                            | <100                     | <0.50   | <0.50   | <0.50         | <4.0          | 1.4       | 2.0  | 7.4  |
| 06/29/2005           | P    |          | 34.47          | --                     | --                        | 9.93           | 24.54                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.7       | 1.72 | 7.0  |
| 09/14/2005           | P    |          | 34.47          | --                     | --                        | 10.35          | 24.12                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 0.9  | 7.0  |
| 12/13/2005           | --   |          | 34.47          | --                     | --                        | 10.18          | 24.29                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 03/20/2006           | P    |          | 34.47          | --                     | --                        | 8.65           | 25.82                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.60      | 1.8  | 7.1  |
| 6/22/2006            | --   |          | 34.47          | --                     | --                        | 9.91           | 24.56                            | --                       | --      | --      | --            | --            | --        | --   | --   |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |        | DO (mg/L) | pH   |      |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|--------|-----------|------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE   |           |      |      |
| <b>MW-8 Cont.</b>    |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |        |           |      |      |
| 9/22/2006            | P    |          | 34.47          | --                     | --                        | 10.25          | 24.22                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <0.50     | 3.10 | 7.0  |
| 12/7/2006            | --   |          | 34.47          | --                     | --                        | 10.21          | 24.26                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 3/12/2007            | P    |          | 34.47          | --                     | --                        | 9.46           | 25.01                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <0.50     | 1.96 | 7.54 |
| 6/20/2007            | --   |          | 34.47          | --                     | --                        | 10.39          | 24.08                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 9/20/2007            | P    |          | 34.47          | --                     | --                        | 10.75          | 23.72                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 13        | 2.19 | 7.49 |
| 12/14/2007           | --   |          | 34.47          | --                     | --                        | 10.71          | 23.76                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 3/10/2008            | P    |          | 34.47          | --                     | --                        | 9.62           | 24.85                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <0.50     | 0.67 | 7.08 |
| <b>MW-9</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |        |           |      |      |
| 3/13/2002            | --   |          | 32.11          | --                     | --                        | 9.49           | 22.62                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <2.5      | --   | --   |
| 6/28/2002            | --   |          | 32.11          | --                     | --                        | 9.78           | 22.33                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <2.5      | --   | --   |
| 9/20/2002            | --   |          | 32.11          | --                     | --                        | 10.29          | 21.82                            | <50                      | <0.50   | <0.50   | <0.50         | <1.50         | <0.500 | --        | --   | --   |
| 12/30/2002           | --   |          | 32.11          | --                     | --                        | 7.60           | 24.51                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <2.5      | --   | --   |
| 3/27/2003            | --   |          | 32.11          | --                     | --                        | 9.14           | 22.97                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <0.50     | --   | --   |
| 6/30/2003            | --   | u        | 32.11          | --                     | --                        | 9.64           | 22.47                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 9/15/2003            | --   |          | 32.11          | --                     | --                        | 10.12          | 21.99                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <0.50     | --   | --   |
| 12/04/2003           | --   | u        | 32.11          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 03/10/2004           | P    |          | 34.00          | --                     | --                        | 8.46           | 25.54                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <0.50     | 1.6  | 7.3  |
| 06/10/2004           | --   | u        | 34.00          | --                     | --                        | 9.88           | 24.12                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 09/22/2004           | P    |          | 34.00          | --                     | --                        | 10.05          | 23.95                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <0.50     | 1.0  | 7.0  |
| 12/13/2004           | --   | u        | 34.00          | --                     | --                        | 9.17           | 24.83                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 03/10/2005           | P    |          | 34.00          | --                     | --                        | 8.17           | 25.83                            | <100                     | <0.50   | <0.50   | <0.50         | <4.0          | <0.50  | <0.50     | 2.2  | 7.7  |
| 06/29/2005           | --   |          | 34.00          | --                     | --                        | 9.28           | 24.72                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 09/14/2005           | P    |          | 34.00          | --                     | --                        | 9.70           | 24.30                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <0.50     | 1.2  | 6.8  |
| 12/13/2005           | --   |          | 34.00          | --                     | --                        | 9.64           | 24.36                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 03/20/2006           | --   |          | 34.00          | --                     | --                        | 8.23           | 25.77                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 6/22/2006            | --   |          | 34.00          | --                     | --                        | 9.37           | 24.63                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 9/22/2006            | P    |          | 34.00          | --                     | --                        | 9.74           | 24.26                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | <0.50     | 2.38 | 7.2  |
| 12/7/2006            | --   |          | 34.00          | --                     | --                        | 9.67           | 24.33                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 3/12/2007            | --   |          | 34.00          | --                     | --                        | 8.93           | 25.07                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |
| 6/20/2007            | --   |          | 34.00          | --                     | --                        | 9.88           | 24.12                            | --                       | --      | --      | --            | --            | --     | --        | --   | --   |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP     | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |                 |                 |                 |                 |            | DO (mg/L)   | pH          |
|----------------------|----------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|-----------------|-----------------|-----------------|-----------------|------------|-------------|-------------|
|                      |          |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene         | Toluene         | Ethyl-Benzene   | Total Xylenes   | MTBE       |             |             |
| <b>MW-9 Cont.</b>    |          |          |                |                        |                           |                |                                  |                          |                 |                 |                 |                 |            |             |             |
| 9/20/2007            | P        |          | 34.00          | --                     | --                        | 10.21          | 23.79                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50      | 10.67       | 7.25        |
| 12/14/2007           | --       |          | 34.00          | --                     | --                        | 10.28          | 23.72                            | --                       | --              | --              | --              | --              | --         | --          | --          |
| 3/10/2008            | --       |          | 34.00          | --                     | --                        | 9.10           | 24.90                            | --                       | --              | --              | --              | --              | --         | --          | --          |
| <b>MW-10</b>         |          |          |                |                        |                           |                |                                  |                          |                 |                 |                 |                 |            |             |             |
| 3/13/2002            | --       |          | 31.67          | --                     | --                        | 9.68           | 21.99                            | 680                      | <5.0            | <5.0            | <5.0            | <5.0            | 570        | --          | --          |
| 6/28/2002            | --       | b        | 31.67          | --                     | --                        | 9.84           | 21.83                            | 820                      | <2.0            | <2.0            | <2.0            | <2.0            | 1,200      | --          | --          |
| 9/20/2002            | --       |          | 31.67          | --                     | --                        | 10.37          | 21.30                            | 194                      | <0.50           | <0.50           | <0.50           | <1.50           | 575        | --          | --          |
| 12/30/2002           | --       |          | 31.67          | --                     | --                        | 7.70           | 23.97                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 490        | --          | --          |
| 3/27/2003            | --       |          | 31.67          | --                     | --                        | 9.33           | 22.34                            | 530                      | <5.0            | <5.0            | <5.0            | <5.0            | 330        | --          | --          |
| 6/30/2003            | --       |          | 31.67          | --                     | --                        | 9.75           | 21.92                            | <1,000                   | <10             | <10             | <10             | <10             | 750        | --          | --          |
| 9/15/2003            | P        |          | 31.67          | --                     | --                        | 10.17          | 21.50                            | <500                     | <5.0            | <5.0            | <5.0            | <5.0            | 430        | --          | --          |
| 12/04/2003           | P        |          | 31.67          | --                     | --                        | 9.95           | 21.72                            | <250                     | <2.5            | <2.5            | <2.5            | <2.5            | 110        | --          | 6.9         |
| 03/10/2004           | P        |          | 33.50          | --                     | --                        | 8.57           | 24.93                            | 420                      | <2.5            | <2.5            | <2.5            | <2.5            | 140        | 1.2         | 6.5         |
| 06/10/2004           | --       |          | 33.50          | --                     | --                        | 9.95           | 23.55                            | 600                      | <5.0            | <5.0            | <5.0            | <5.0            | 410        | --          | 6.9         |
| 09/22/2004           | P        |          | 33.50          | --                     | --                        | 10.23          | 23.27                            | 560                      | <0.50           | <0.50           | <0.50           | <0.50           | 87         | 0.8         | 6.9         |
| 12/13/2004           | P        |          | 33.50          | --                     | --                        | 9.28           | 24.22                            | 290                      | <1.0            | <1.0            | <1.0            | <1.0            | 110        | 1.6         | 6.5         |
| 03/10/2005           | P        |          | 33.50          | --                     | --                        | 7.97           | 25.53                            | 280                      | <0.50           | <0.50           | <0.50           | <4.0            | 86         | 3.2         | 7.3         |
| 06/29/2005           | P        |          | 33.50          | --                     | --                        | 9.45           | 24.05                            | <250                     | <2.5            | <2.5            | <2.5            | <2.5            | 160        | 1.13        | 6.8         |
| 09/14/2005           | P        |          | 33.50          | --                     | --                        | 9.92           | 23.58                            | 340                      | <2.5            | <2.5            | <2.5            | <2.5            | 140        | 0.7         | 6.9         |
| 12/13/2005           | P        |          | 33.50          | --                     | --                        | 9.73           | 23.77                            | 270                      | <0.50           | <0.50           | <0.50           | <0.50           | 47         | 1.8         | 6.5         |
| 03/20/2006           | P        |          | 33.50          | --                     | --                        | 8.17           | 25.33                            | 270                      | <0.50           | <0.50           | <0.50           | <0.50           | 34         | 1.1         | 6.9         |
| 6/22/2006            | P        |          | 33.50          | --                     | --                        | 9.42           | 24.08                            | 250                      | <0.50           | <0.50           | <0.50           | <0.50           | 21         | 1.74        | 7.0         |
| 9/22/2006            | P        |          | 33.50          | --                     | --                        | 9.88           | 23.62                            | 270                      | <0.50           | <0.50           | <0.50           | <0.50           | 11         | 1.39        | 7.0         |
| 12/7/2006            | P        |          | 33.50          | --                     | --                        | 9.78           | 23.72                            | 360                      | <0.50           | <0.50           | <0.50           | <0.50           | 10         | 0.89        | 7.10        |
| 3/12/2007            | P        |          | 33.50          | --                     | --                        | 9.00           | 24.50                            | 300                      | <0.50           | <0.50           | <0.50           | <0.50           | 18         | 0.98        | 7.25        |
| 6/20/2007            | P        |          | 33.50          | --                     | --                        | 9.94           | 23.56                            | 300                      | <0.50           | <0.50           | <0.50           | <0.50           | 5.9        | 6.47        | 7.18        |
| 9/20/2007            | P        |          | 33.50          | --                     | --                        | 10.24          | 23.26                            | 250                      | <0.50           | <0.50           | <0.50           | <0.50           | 4.6        | 2.46        | 7.29        |
| 12/14/2007           | P        |          | 33.50          | --                     | --                        | 9.90           | 23.60                            | 280                      | <0.50           | <0.50           | <0.50           | <0.50           | 6.9        | 1.80        | 6.98        |
| 3/10/2008            | P        |          | 33.50          | --                     | --                        | 9.18           | 24.32                            | 330                      | <0.50           | <0.50           | <0.50           | <0.50           | 13         | 0.27        | 6.88        |
| <b>6/13/2008</b>     | <b>P</b> |          | <b>33.50</b>   | <b>--</b>              | <b>--</b>                 | <b>10.05</b>   | <b>23.45</b>                     | <b>410</b>               | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>5.8</b> | <b>0.79</b> | <b>7.15</b> |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |        | DO (mg/L) | pH   |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|--------|-----------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE   |           |      |
| <b>MW-11</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |        |           |      |
| 3/13/2002            | --   |          | 32.54          | --                     | --                        | 10.38          | 22.16                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5   | --        | --   |
| 6/28/2002            | --   |          | 32.54          | --                     | --                        | 10.74          | 21.80                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5   | --        | --   |
| 9/20/2002            | --   |          | 32.54          | --                     | --                        | 11.27          | 21.27                            | <50                      | <0.50   | <0.50   | <0.50         | <1.50         | <0.500 | --        | --   |
| 12/30/2002           | --   |          | 32.54          | --                     | --                        | 8.73           | 23.81                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5   | --        | --   |
| 3/27/2003            | --   |          | 32.54          | --                     | --                        | 10.25          | 22.29                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | --        | --   |
| 6/30/2003            | --   |          | 32.54          | --                     | --                        | 10.65          | 21.89                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | --        | --   |
| 9/15/2003            | --   |          | 32.54          | --                     | --                        | 11.03          | 21.51                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | --        | --   |
| 12/04/2003           | P    |          | 32.54          | --                     | --                        | 10.84          | 21.70                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 1.5       | 7.0  |
| 03/10/2004           | P    |          | 34.55          | --                     | --                        | 9.41           | 25.14                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 1.3       | 6.9  |
| 06/10/2004           | --   |          | 34.55          | --                     | --                        | 10.82          | 23.73                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | --        | 6.9  |
| 09/22/2004           | P    |          | 34.55          | --                     | --                        | 11.10          | 23.45                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 1.2       | 6.9  |
| 12/13/2004           | P    |          | 34.55          | --                     | --                        | 10.19          | 24.36                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 1.83      | 6.6  |
| 03/10/2005           | P    |          | 34.55          | --                     | --                        | 8.87           | 25.68                            | <100                     | <0.50   | <0.50   | <0.50         | <4.0          | <0.50  | 2.3       | 7.7  |
| 06/29/2005           | P    |          | 34.55          | --                     | --                        | 10.37          | 24.18                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 0.83      | 6.3  |
| 09/14/2005           | P    |          | 34.55          | --                     | --                        | 10.78          | 23.77                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 0.8       | 6.9  |
| 12/13/2005           | --   |          | 34.55          | --                     | --                        | 10.62          | 23.93                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 03/20/2006           | --   |          | 34.55          | --                     | --                        | 9.04           | 25.51                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 6/22/2006            | --   |          | 34.55          | --                     | --                        | 10.33          | 24.22                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 9/22/2006            | P    |          | 34.55          | --                     | --                        | 10.75          | 23.80                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 1.53      | 7.2  |
| 12/7/2006            | --   |          | 34.55          | --                     | --                        | 10.68          | 23.87                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 3/12/2007            | --   |          | 34.55          | --                     | --                        | 9.89           | 24.66                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 6/20/2007            | --   |          | 34.55          | --                     | --                        | 10.84          | 23.71                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 9/20/2007            | P    |          | 34.55          | --                     | --                        | 11.15          | 23.40                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 2.32      | 7.26 |
| 12/14/2007           | --   |          | 34.55          | --                     | --                        | 11.10          | 23.45                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 3/10/2008            | --   |          | 34.55          | --                     | --                        | 10.05          | 24.50                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| <b>MW-14</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |        |           |      |
| 3/13/2002            | --   |          | 30.46          | --                     | --                        | 8.56           | 21.90                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5   | --        | --   |
| 6/28/2002            | --   | q        | 30.46          | --                     | --                        | 9.12           | 21.34                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 9/20/2002            | --   | q        | 30.46          | --                     | --                        | 9.79           | 20.67                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 12/30/2002           | --   | q        | 30.46          | --                     | --                        | 7.13           | 23.33                            | --                       | --      | --      | --            | --            | --     | --        | --   |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |       | DO (mg/L) | pH   |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-------|-----------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE  |           |      |
| <b>MW-14 Cont.</b>   |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/27/2003            | --   |          | 30.46          | --                     | --                        | 8.53           | 21.93                            | <50                      | <0.50   | 0.86    | <0.50         | <0.50         | <0.50 | --        | --   |
| 6/30/2003            | --   | q        | 30.46          | --                     | --                        | 9.05           | 21.41                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/15/2003            | --   | q        | 30.46          | --                     | --                        | 9.47           | 20.99                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 12/04/2003           | --   | q        | 30.46          | --                     | --                        | 9.20           | 21.26                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2004           | --   | q        | 32.61          | --                     | --                        | 7.90           | 24.71                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/10/2004           | --   | q        | 32.61          | --                     | --                        | 9.25           | 23.36                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/22/2004           | P    |          | 32.61          | --                     | --                        | 9.55           | 23.06                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.1       | --   |
| 12/13/2004           | --   |          | 32.61          | --                     | --                        | 8.46           | 24.15                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2005           | --   |          | 32.61          | --                     | --                        | 7.32           | 25.29                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/29/2005           | --   |          | 32.61          | --                     | --                        | 8.77           | 23.84                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/14/2005           | P    |          | 32.61          | --                     | --                        | 9.20           | 23.41                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 0.9       | 6.9  |
| 12/13/2005           | --   |          | 32.61          | --                     | --                        | 8.96           | 23.65                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/20/2006           | --   |          | 32.61          | --                     | --                        | 7.51           | 25.10                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/22/2006            | --   |          | 32.61          | --                     | --                        | 8.75           | 23.86                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/22/2006            | P    |          | 32.61          | --                     | --                        | 9.19           | 23.42                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.70      | 7.2  |
| 12/7/2006            | --   |          | 32.61          | --                     | --                        | 9.05           | 23.56                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/12/2007            | --   |          | 32.61          | --                     | --                        | 8.35           | 24.26                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/20/2007            | --   |          | 32.61          | --                     | --                        | 9.33           | 23.28                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/20/2007            | P    |          | 32.61          | --                     | --                        | 9.60           | 23.01                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 3.24      | 7.42 |
| 12/14/2007           | --   |          | 32.61          | --                     | --                        | 9.53           | 23.08                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/10/2008            | --   |          | 32.61          | --                     | --                        | 8.50           | 24.11                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| <b>MW-15</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/13/2002            | --   |          | 31.41          | --                     | --                        | 10.03          | 21.38                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 21    | --        | --   |
| 6/28/2002            | --   |          | 31.41          | --                     | --                        | 10.41          | 21.00                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 8.7   | --        | --   |
| 9/20/2002            | --   |          | 31.41          | --                     | --                        | 11.00          | 20.41                            | <50                      | <0.50   | <0.50   | <0.50         | <1.50         | 21.6  | --        | --   |
| 12/30/2002           | --   |          | 31.41          | --                     | --                        | 8.33           | 23.08                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 67    | --        | --   |
| 3/27/2003            | --   |          | 31.41          | --                     | --                        | 9.83           | 21.58                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 17    | --        | --   |
| 6/30/2003            | --   |          | 31.41          | --                     | --                        | 10.00          | 21.41                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 12    | --        | --   |
| 9/15/2003            | --   |          | 31.41          | --                     | --                        | 10.67          | 20.74                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 10    | --        | --   |
| 12/04/2003           | P    |          | 31.41          | --                     | --                        | 10.47          | 20.94                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 6.4   | 2.6       | 7.0  |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               | DO (mg/L) | pH   |      |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-----------|------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes |           |      | MTBE |
| <b>MW-15 Cont.</b>   |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 03/10/2004           | P    |          | 33.49          | --                     | --                        | 9.09           | 24.40                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 11        | 1.5  | 6.9  |
| 06/10/2004           | P    |          | 33.49          | --                     | --                        | 10.50          | 22.99                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 5.7       | 0.5  | 6.9  |
| 09/22/2004           | --   | r        | 33.49          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --        | --   | --   |
| 12/13/2004           | --   | r        | 33.49          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --        | --   | --   |
| 03/10/2005           | P    |          | 33.49          | --                     | --                        | 8.50           | 24.99                            | <100                     | <0.50   | <0.50   | <0.50         | <4.0          | 5.4       | 2.7  | 7.7  |
| 06/29/2005           | --   | r        | 33.49          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --        | --   | --   |
| 09/14/2005           | --   | r        | 33.49          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --        | --   | --   |
| 12/13/2005           | --   |          | 33.49          | --                     | --                        | 10.16          | 23.33                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 03/20/2006           | P    |          | 33.49          | --                     | --                        | 8.72           | 24.77                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 15        | 3.1  | 7.3  |
| 6/22/2006            | --   |          | 33.49          | --                     | --                        | 10.00          | 23.49                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 9/22/2006            | --   | j        | --             | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --        | --   | --   |
| 12/7/2006            | --   |          | 33.49          | --                     | --                        | 10.32          | 23.17                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 3/12/2007            | --   | j        | 33.49          | --                     | --                        | 9.60           | 23.89                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 6/20/2007            | --   |          | 33.49          | --                     | --                        | 10.52          | 22.97                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 9/20/2007            | P    |          | 33.49          | --                     | --                        | 10.83          | 22.66                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 11        | 0.64 | 7.19 |
| 12/14/2007           | --   |          | 33.49          | --                     | --                        | 10.78          | 22.71                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 3/10/2008            | P    |          | 33.49          | --                     | --                        | 9.75           | 23.74                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 19        | 0.72 | 6.88 |
| <b>MW-16</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 3/13/2002            | --   |          | 31.39          | --                     | --                        | 10.51          | 20.88                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5      | --   | --   |
| 6/28/2002            | --   |          | 31.39          | --                     | --                        | 10.96          | 20.43                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5      | --   | --   |
| 9/20/2002            | --   |          | 31.39          | --                     | --                        | 10.47          | 20.92                            | <50                      | <0.50   | <0.50   | <0.50         | <1.50         | 1.67      | --   | --   |
| 12/30/2002           | --   |          | 31.39          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --        | --   | --   |
| 3/27/2003            | --   |          | 31.39          | --                     | --                        | 10.28          | 21.11                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | --   | --   |
| 6/30/2003            | --   | i, q     | 31.39          | --                     | --                        | 10.87          | 20.52                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 9/15/2003            | --   |          | 31.39          | --                     | --                        | 11.25          | 20.14                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | --   | --   |
| 12/04/2003           | --   | u        | 31.39          | --                     | --                        | 10.99          | 20.40                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 03/10/2004           | P    |          | 33.41          | --                     | --                        | 9.66           | 23.75                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 2.1  | 6.5  |
| 06/10/2004           | --   |          | 33.41          | --                     | --                        | 11.06          | 22.35                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 09/22/2004           | P    |          | 33.41          | --                     | --                        | 11.40          | 22.01                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 1.2  | 7.0  |
| 12/13/2004           | --   |          | 33.41          | --                     | --                        | 10.27          | 23.14                            | --                       | --      | --      | --            | --            | --        | --   | --   |



**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |       | DO (mg/L) | pH   |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-------|-----------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE  |           |      |
| <b>MW-16 Cont.</b>   |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 03/10/2005           | P    |          | 33.41          | --                     | --                        | 9.03           | 24.38                            | <100                     | <0.50   | <0.50   | <0.50         | <4.0          | <0.50 | 3.9       | 7.0  |
| 06/29/2005           | --   |          | 33.41          | --                     | --                        | 10.60          | 22.81                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/14/2005           | P    |          | 33.41          | --                     | --                        | 11.02          | 22.39                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 0.9       | 7.0  |
| 12/13/2005           | --   |          | 33.41          | --                     | --                        | 10.79          | 22.62                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/20/2006           | --   |          | 33.41          | --                     | --                        | 9.25           | 24.16                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/22/2006            | --   | r        | 33.41          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/22/2006            | P    |          | 33.41          | --                     | --                        | 10.95          | 22.46                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.69      | 7.3  |
| 12/7/2006            | --   | r        | 33.41          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/12/2007            | --   |          | 33.41          | --                     | --                        | 10.18          | 23.23                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/20/2007            | --   |          | 33.41          | --                     | --                        | 11.10          | 22.31                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/20/2007            | P    |          | 33.41          | --                     | --                        | 11.44          | 21.97                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 0.55      | 7.30 |
| 12/14/2007           | --   |          | 33.41          | --                     | --                        | 11.41          | 22.00                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/10/2008            | --   |          | 33.41          | --                     | --                        | 10.35          | 23.06                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| <b>MW-18</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/13/2002            | --   |          | 29.70          | --                     | --                        | 9.46           | 20.24                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --   |
| 6/28/2002            | --   | q        | 29.70          | --                     | --                        | 10.05          | 19.65                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/20/2002            | --   | q        | 29.70          | --                     | --                        | 10.67          | 19.03                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 12/30/2002           | --   | q        | 29.70          | --                     | --                        | 7.98           | 21.72                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/27/2003            | --   |          | 29.70          | --                     | --                        | 9.18           | 20.52                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | --        | --   |
| 6/30/2003            | --   | q        | 29.70          | --                     | --                        | 9.68           | 20.02                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/15/2003            | --   | q        | 29.70          | --                     | --                        | 10.30          | 19.40                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 12/04/2003           | --   | q        | 29.70          | --                     | --                        | 9.99           | 19.71                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2004           | --   | q        | 31.87          | --                     | --                        | 8.78           | 23.09                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/10/2004           | --   | q        | 31.87          | --                     | --                        | 10.12          | 21.75                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/22/2004           | P    |          | 31.87          | --                     | --                        | 10.45          | 21.42                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.1       | 6.9  |
| 12/13/2004           | --   |          | 31.87          | --                     | --                        | 9.25           | 22.62                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2005           | --   |          | 31.87          | --                     | --                        | 8.35           | 23.52                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/29/2005           | --   |          | 31.87          | --                     | --                        | 9.65           | 22.22                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/14/2005           | P    |          | 31.87          | --                     | --                        | 10.10          | 21.77                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.1       | 6.9  |
| 12/13/2005           | --   |          | 31.87          | --                     | --                        | 9.90           | 21.97                            | --                       | --      | --      | --            | --            | --    | --        | --   |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |       | DO (mg/L) | pH   |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-------|-----------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE  |           |      |
| <b>MW-18 Cont.</b>   |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 03/20/2006           | --   |          | 31.87          | --                     | --                        | 8.54           | 23.33                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/22/2006            | --   |          | 31.87          | --                     | --                        | 9.68           | 22.19                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/22/2006            | P    |          | 31.87          | --                     | --                        | 9.96           | 21.91                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.23      | 7.2  |
| 12/7/2006            | --   |          | 31.87          | --                     | --                        | --             | --                               | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/12/2007            | --   |          | 31.87          | --                     | --                        | 9.28           | 22.59                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/20/2007            | --   |          | 31.87          | --                     | --                        | 10.15          | 21.72                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/20/2007            | P    |          | 31.87          | --                     | --                        | 10.45          | 21.42                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.14      | 7.22 |
| 12/14/2007           | --   |          | 31.87          | --                     | --                        | 10.47          | 21.40                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/10/2008            | --   |          | 31.87          | --                     | --                        | 9.42           | 22.45                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| <b>MW-21</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/13/2002            | --   |          | 28.72          | --                     | --                        | 9.40           | 19.32                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <5.0  | --        | --   |
| 6/28/2002            | --   | q        | 28.72          | --                     | --                        | 9.80           | 18.92                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/20/2002            | --   | q        | 28.72          | --                     | --                        | 10.27          | 18.45                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 12/30/2002           | --   | q        | 28.72          | --                     | --                        | 7.70           | 21.02                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/27/2003            | --   |          | 28.72          | --                     | --                        | 9.05           | 19.67                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | --        | --   |
| 6/30/2003            | --   | q        | 28.72          | --                     | --                        | 9.48           | 19.24                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/15/2003            | --   | q        | 28.72          | --                     | --                        | 10.06          | 18.66                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 12/04/2003           | --   | q        | 28.72          | --                     | --                        | 9.69           | 19.03                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2004           | --   | q        | 30.67          | --                     | --                        | 8.60           | 22.07                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/10/2004           | --   | q        | 30.67          | --                     | --                        | 9.85           | 20.82                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/22/2004           | P    |          | 30.67          | --                     | --                        | 10.17          | 20.50                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 2.2       | 6.9  |
| 12/13/2004           | --   |          | 30.67          | --                     | --                        | 8.92           | 21.75                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2005           | --   |          | 30.67          | --                     | --                        | 8.10           | 22.57                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/29/2005           | --   |          | 30.67          | --                     | --                        | 9.48           | 21.19                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/14/2005           | P    |          | 30.67          | --                     | --                        | 9.88           | 20.79                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 0.8       | 6.9  |
| 12/13/2005           | --   |          | 30.67          | --                     | --                        | 9.57           | 21.10                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/20/2006           | --   |          | 30.67          | --                     | --                        | 8.26           | 22.41                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/22/2006            | --   |          | 30.67          | --                     | --                        | 9.47           | 21.20                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/22/2006            | P    |          | 30.67          | --                     | --                        | 9.83           | 20.84                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.88      | 5.9  |
| 12/7/2006            | --   |          | 30.67          | --                     | --                        | 9.76           | 20.91                            | --                       | --      | --      | --            | --            | --    | --        | --   |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |        | DO (mg/L) | pH   |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|--------|-----------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE   |           |      |
| <b>MW-21 Cont.</b>   |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |        |           |      |
| 3/12/2007            | --   |          | 30.67          | --                     | --                        | 9.08           | 21.59                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 6/20/2007            | --   |          | 30.67          | --                     | --                        | 9.89           | 20.78                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 9/20/2007            | P    |          | 30.67          | --                     | --                        | 10.20          | 20.47                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 4.28      | 7.56 |
| 12/14/2007           | --   |          | 30.67          | --                     | --                        | 10.18          | 20.49                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 3/10/2008            | --   |          | 30.67          | --                     | --                        | 9.23           | 21.44                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| <b>MW-22</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |        |           |      |
| 3/13/2002            | --   |          | 29.29          | --                     | --                        | 9.86           | 19.43                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5   | --        | --   |
| 6/28/2002            | --   |          | 29.29          | --                     | --                        | 10.65          | 18.64                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5   | --        | --   |
| 9/20/2002            | --   |          | 29.29          | --                     | --                        | 11.05          | 18.24                            | <50                      | <0.50   | <0.50   | <0.50         | <1.50         | <0.500 | --        | --   |
| 12/30/2002           | --   |          | 29.29          | --                     | --                        | 8.28           | 21.01                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5   | --        | --   |
| 3/27/2003            | --   |          | 29.29          | --                     | --                        | 9.85           | 19.44                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | --        | --   |
| 6/30/2003            | --   | i, q     | 29.29          | --                     | --                        | 10.20          | 19.09                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 9/15/2003            | --   |          | 29.29          | --                     | --                        | 10.81          | 18.48                            | <500                     | <5.0    | <5.0    | <5.0          | <5.0          | <5.0   | --        | --   |
| 12/04/2003           | --   |          | 29.29          | --                     | --                        | 10.49          | 18.80                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 03/10/2004           | P    |          | 31.43          | --                     | --                        | 9.24           | 22.19                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 2.3       | 6.6  |
| 06/10/2004           | --   |          | 31.43          | --                     | --                        | 10.60          | 20.83                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 09/22/2004           | P    |          | 31.43          | --                     | --                        | 10.94          | 20.49                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 0.9       | 7.0  |
| 12/13/2004           | --   |          | 31.43          | --                     | --                        | 9.73           | 21.70                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 03/10/2005           | P    |          | 31.43          | --                     | --                        | 8.65           | 22.78                            | <100                     | <0.50   | <0.50   | <0.50         | <4.0          | <0.50  | 3.3       | 7.4  |
| 06/29/2005           | --   |          | 31.43          | --                     | --                        | 10.25          | 21.18                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 09/14/2005           | P    |          | 31.43          | --                     | --                        | 10.65          | 20.78                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 1.0       | 7.0  |
| 12/13/2005           | --   |          | 31.43          | --                     | --                        | 10.39          | 21.04                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 03/20/2006           | --   |          | 31.43          | --                     | --                        | 8.89           | 22.54                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 6/22/2006            | --   |          | 31.43          | --                     | --                        | 10.21          | 21.22                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 9/22/2006            | P    |          | 31.43          | --                     | --                        | 10.62          | 20.81                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 2.13      | 7.2  |
| 12/7/2006            | --   |          | 31.43          | --                     | --                        | 10.44          | 20.99                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 3/12/2007            | --   |          | 31.43          | --                     | --                        | 9.75           | 21.68                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 6/20/2007            | --   |          | 31.43          | --                     | --                        | 10.64          | 20.79                            | --                       | --      | --      | --            | --            | --     | --        | --   |
| 9/20/2007            | P    |          | 31.43          | --                     | --                        | 10.95          | 20.48                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 10.88     | 7.40 |
| 12/14/2007           | --   |          | 31.43          | --                     | --                        | 11.03          | 20.40                            | --                       | --      | --      | --            | --            | --     | --        | --   |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |       | DO (mg/L) | pH   |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-------|-----------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE  |           |      |
| <b>MW-22 Cont.</b>   |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/10/2008            | --   |          | 31.43          | --                     | --                        | 9.90           | 21.53                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| <b>MW-23</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/13/2002            | --   |          | 30.99          | --                     | --                        | 11.01          | 19.98                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --   |
| 6/28/2002            | --   | q        | 30.99          | --                     | --                        | 11.59          | 19.40                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/20/2002            | --   | q        | 30.99          | --                     | --                        | 12.00          | 18.99                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 12/30/2002           | --   | q        | 30.99          | --                     | --                        | 9.42           | 21.57                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/27/2003            | --   |          | 30.99          | --                     | --                        | 11.00          | 19.99                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | --        | --   |
| 6/30/2003            | --   | q        | 30.99          | --                     | --                        | 11.47          | 19.52                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/15/2003            | --   | q        | 30.99          | --                     | --                        | 11.84          | 19.15                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 12/04/2003           | --   | q        | 30.99          | --                     | --                        | 11.61          | 19.38                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2004           | --   | q        | 33.16          | --                     | --                        | 10.24          | 22.92                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/10/2004           | --   | q        | 33.16          | --                     | --                        | 11.60          | 21.56                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/22/2004           | P    |          | 33.16          | --                     | --                        | 11.95          | 21.21                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.2       | 6.9  |
| 12/13/2004           | --   |          | 33.16          | --                     | --                        | 10.88          | 22.28                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2005           | --   |          | 33.16          | --                     | --                        | 9.63           | 23.53                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/29/2005           | --   |          | 33.16          | --                     | --                        | 11.28          | 21.88                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/14/2005           | P    |          | 33.16          | --                     | --                        | 11.70          | 21.46                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.3       | 6.9  |
| 12/13/2005           | --   |          | 33.16          | --                     | --                        | 11.44          | 21.72                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/20/2006           | --   |          | 33.16          | --                     | --                        | 9.81           | 23.35                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/22/2006            | --   |          | 33.16          | --                     | --                        | 11.25          | 21.91                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/22/2006            | P    |          | 33.16          | --                     | --                        | 11.52          | 21.64                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.71      | 7.3  |
| 12/7/2006            | --   |          | 33.16          | --                     | --                        | 11.50          | 21.66                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/12/2007            | --   |          | 33.16          | --                     | --                        | 10.76          | 22.40                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/20/2007            | --   |          | 33.16          | --                     | --                        | 11.68          | 21.48                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/20/2007            | P    |          | 33.16          | --                     | --                        | 11.95          | 21.21                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 0.96      | 7.19 |
| 12/14/2007           | --   |          | 33.16          | --                     | --                        | 12.05          | 21.11                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/10/2008            | --   |          | 33.16          | --                     | --                        | 10.92          | 22.24                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| <b>MW-25</b>         |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/13/2002            | --   |          | 33.81          | --                     | --                        | 10.99          | 22.82                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5  | --        | --   |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP     | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |                 |                 |                 |                 | DO (mg/L)  | pH          |             |
|----------------------|----------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|-----------------|-----------------|-----------------|-----------------|------------|-------------|-------------|
|                      |          |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene         | Toluene         | Ethyl-Benzene   | Total Xylenes   |            |             | MTBE        |
| <b>MW-25 Cont.</b>   |          |          |                |                        |                           |                |                                  |                          |                 |                 |                 |                 |            |             |             |
| 6/28/2002            | --       |          | 33.81          | --                     | --                        | 11.26          | 22.55                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 36         | --          | --          |
| 9/20/2002            | --       |          | 33.81          | --                     | --                        | 11.65          | 22.16                            | 117                      | <0.50           | <0.50           | <0.50           | <1.50           | 259        | --          | --          |
| 12/30/2002           | --       | d, f     | 33.81          | --                     | --                        | 9.33           | 24.48                            | 95                       | 13              | <0.50           | <0.50           | <0.50           | 98         | --          | --          |
| 3/27/2003            | --       |          | 33.81          | --                     | --                        | 10.82          | 22.99                            | 150                      | <0.50           | <0.50           | <0.50           | <0.50           | 90         | --          | --          |
| 6/30/2003            | --       |          | 33.81          | --                     | --                        | 11.20          | 22.61                            | <500                     | <5.0            | <5.0            | <5.0            | <5.0            | 130        | --          | --          |
| 9/15/2003            | --       |          | 33.81          | --                     | --                        | 11.62          | 22.19                            | 220                      | <1.0            | <1.0            | <1.0            | <1.0            | 140        | --          | --          |
| 12/04/2003           | P        |          | 33.81          | --                     | --                        | 11.41          | 22.40                            | 81                       | <0.50           | <0.50           | <0.50           | <0.50           | 36         | 1.2         | 7.0         |
| 03/10/2004           | P        |          | 36.33          | --                     | --                        | 10.04          | 26.29                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 14         | 1.2         | 6.7         |
| 06/10/2004           | P        |          | 36.33          | --                     | --                        | 11.40          | 24.93                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 17         | 0.8         | 7.1         |
| 09/22/2004           | P        |          | 36.33          | --                     | --                        | 11.74          | 24.59                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 29         | 1.1         | 7.0         |
| 12/13/2004           | P        |          | 36.33          | --                     | --                        | 10.72          | 25.61                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 44         | 1.22        | 6.9         |
| 03/10/2005           | P        |          | 36.33          | --                     | --                        | 9.45           | 26.88                            | <100                     | <0.50           | <0.50           | <0.50           | <4.0            | 7.4        | 2.0         | 7.7         |
| 06/29/2005           | P        |          | 36.33          | --                     | --                        | 10.91          | 25.42                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 20         | 0.97        | 6.9         |
| 09/14/2005           | P        |          | 36.33          | --                     | --                        | 11.35          | 24.98                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 8.0        | 1.2         | 6.9         |
| 12/13/2005           | P        |          | 36.33          | --                     | --                        | 11.14          | 25.19                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 13         | 0.8         | 6.8         |
| 03/20/2006           | P        |          | 36.33          | --                     | --                        | 9.71           | 26.62                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 5.4        | 1.0         | 6.9         |
| 6/22/2006            | P        |          | 36.33          | --                     | --                        | 10.89          | 25.44                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 3.5        | 1.62        | 7.0         |
| 9/22/2006            | P        |          | 36.33          | --                     | --                        | 11.33          | 25.00                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 18         | 1.22        | 7.1         |
| 12/7/2006            | P        |          | 36.33          | --                     | --                        | 11.22          | 25.11                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 14         | 0.71        | 7.20        |
| 3/12/2007            | P        |          | 36.33          | --                     | --                        | 10.47          | 25.86                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 7.3        | 2.77        | 7.28        |
| 6/20/2007            | P        |          | 36.33          | --                     | --                        | 11.40          | 24.93                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 2.8        | 0.66        | 7.24        |
| 9/20/2007            | P        |          | 36.33          | --                     | --                        | 11.74          | 24.59                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 4.7        | 1.94        | 7.29        |
| 12/14/2007           | P        |          | 36.33          | --                     | --                        | 11.36          | 24.97                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 5.2        | 1.61        | 6.98        |
| 3/10/2008            | P        |          | 36.33          | --                     | --                        | 10.65          | 25.68                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | 6.0        | 1.03        | 6.94        |
| <b>6/13/2008</b>     | <b>P</b> |          | <b>36.33</b>   | <b>--</b>              | <b>--</b>                 | <b>11.50</b>   | <b>24.83</b>                     | <b>&lt;50</b>            | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>2.2</b> | <b>0.77</b> | <b>7.15</b> |
| <b>MW-26</b>         |          |          |                |                        |                           |                |                                  |                          |                 |                 |                 |                 |            |             |             |
| 3/13/2002            | --       |          | 33.71          | --                     | --                        | 11.27          | 22.44                            | <50                      | <0.50           | <0.50           | <0.50           | <0.50           | <2.5       | --          | --          |
| 6/28/2002            | --       | q        | 33.71          | --                     | --                        | 11.70          | 22.01                            | --                       | --              | --              | --              | --              | --         | --          | --          |
| 9/20/2002            | --       | q        | 33.71          | --                     | --                        | 12.10          | 21.61                            | --                       | --              | --              | --              | --              | --         | --          | --          |
| 12/30/2002           | --       | q        | 33.71          | --                     | --                        | 9.60           | 24.11                            | --                       | --              | --              | --              | --              | --         | --          | --          |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**

**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | P/NP | Comments | TOC (feet msl) | Top of Screen (ft bgs) | Bottom of Screen (ft bgs) | DTW (feet bgs) | Water Level Elevation (feet msl) | Concentrations in (µg/L) |         |         |               |               |       | DO (mg/L) | pH   |
|----------------------|------|----------|----------------|------------------------|---------------------------|----------------|----------------------------------|--------------------------|---------|---------|---------------|---------------|-------|-----------|------|
|                      |      |          |                |                        |                           |                |                                  | GRO/TPHg                 | Benzene | Toluene | Ethyl-Benzene | Total Xylenes | MTBE  |           |      |
| <b>MW-26 Cont.</b>   |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 3/27/2003            | --   |          | 33.71          | --                     | --                        | 11.15          | 22.56                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | --        | --   |
| 6/30/2003            | --   | q        | 33.71          | --                     | --                        | 11.61          | 22.10                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/15/2003            | --   | q        | 33.71          | --                     | --                        | 12.01          | 21.70                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 12/04/2003           | --   | q        | 33.71          | --                     | --                        | 11.78          | 21.93                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2004           | --   | q        | 35.70          | --                     | --                        | 10.45          | 25.25                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/10/2004           | --   | q        | 35.70          | --                     | --                        | 11.82          | 23.88                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/22/2004           | P    |          | 35.70          | --                     | --                        | 12.05          | 23.65                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.1       | 7.0  |
| 12/13/2004           | --   |          | 35.70          | --                     | --                        | 11.08          | 24.62                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/10/2005           | --   |          | 35.70          | --                     | --                        | 9.80           | 25.90                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 06/29/2005           | --   |          | 35.70          | --                     | --                        | 11.30          | 24.40                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 09/14/2005           | P    |          | 35.70          | --                     | --                        | 11.55          | 24.15                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.0       | 6.8  |
| 12/13/2005           | --   |          | 35.70          | --                     | --                        | 11.54          | 24.16                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 03/20/2006           | --   |          | 35.70          | --                     | --                        | 10.06          | 25.64                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/22/2006            | --   |          | 35.70          | --                     | --                        | 11.29          | 24.41                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/22/2006            | P    |          | 35.70          | --                     | --                        | 11.63          | 24.07                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 2.10      | 7.2  |
| 12/7/2006            | --   |          | 35.70          | --                     | --                        | 11.11          | 24.59                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/12/2007            | --   |          | 35.70          | --                     | --                        | 10.87          | 24.83                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 6/20/2007            | --   |          | 35.70          | --                     | --                        | 11.80          | 23.90                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 9/20/2007            | P    |          | 35.70          | --                     | --                        | 12.13          | 23.57                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 0.59      | 7.21 |
| 12/14/2007           | --   |          | 35.70          | --                     | --                        | 12.14          | 23.56                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 3/10/2008            | --   |          | 35.70          | --                     | --                        | 11.05          | 24.65                            | --                       | --      | --      | --            | --            | --    | --        | --   |

SYMBOLS & ABBREVIATIONS:

-- = Not analyzed/applicable/measured/available  
< = Not detected at or above laboratory reporting limit  
DO = Dissolved oxygen  
DTW = Depth to water in ft bgs  
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 prior to sampling  
P = Well purged prior to sampling  
TOC = Top of casing measured in ft MSL  
TPH-g = Total petroleum hydrocarbons as gasoline  
µg/L = Micrograms per liter

NOTES:

a = Well elevation data obtained from Quarterly Groundwater Monitoring and Site Status Report, Fourth Quarter 1994.  
b = GRO/TPH-g Chromatogram Pattern: Unidentified Hydrocarbons C6-C10  
c = Hydrocarbon pattern for GRO/TPH-g is present in the requested fuel quantitation range but does not resemble the pattern of the requested fuel.  
d = GRO/TPH-g Chromatogram Pattern: C6-C10  
e = This sample was analyzed beyond the EPA recommended holding time. The results may still be useful for their intended purpose.  
f = The continuing calibration was outside the acceptance criteria. This should be considered in evaluating the result for its intended purpose.  
g = Groundwater extraction system pumping; inaccurate DTW.  
h = Groundwater extraction system not pumping.  
i = Sampling frequency changed from quarterly to annually per recommendations in first quarter 2003 groundwater monitoring report.  
j = Well not accessible this quarter.  
k = Well destroyed.  
l = MTBE confirmed by EPA Method 8260B (Method 8260B result is the second value.)  
m = No gauging port. Sample taken from spigot.  
n = Well inaccessible as homeowner not available.  
o = Pump not working or well dry.  
p = Gauged with pump in well. Opened cam lock fitting at wellhead.  
q = Well sampled annually.  
r = Well inaccessible--car parked over well.  
s = Well resampled on 3/26/2008; the initial sample on 3/10/2008 was meant to be purged.  
u = Well sampled semi-annually.

NOTES:

Site surveyed to NAVD'88 datum on March 2, 2004.  
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.

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

**Table 2. Summary of Fuel Additives Analytical Data  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | Concentrations in (µg/L) |     |       |       |       |       |         |       | Comments |
|----------------------|--------------------------|-----|-------|-------|-------|-------|---------|-------|----------|
|                      | Ethanol                  | TBA | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |          |
| <b>17372 VM</b>      |                          |     |       |       |       |       |         |       |          |
| 3/27/2003            | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |          |
| 9/15/2003            | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 12/04/2003           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |          |
| 03/10/2004           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 06/10/2004           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/22/2004           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 12/13/2004           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/10/2005           | <100                     | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>642 H</b>         |                          |     |       |       |       |       |         |       |          |
| 3/13/2002            | <100                     | <20 | --    | <0.50 | <0.50 | <0.50 | --      | --    |          |
| 3/27/2003            | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |          |
| 6/30/2003            | --                       | --  | --    | --    | --    | --    | --      | --    | a        |
| 9/15/2003            | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 12/04/2003           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |          |
| <b>E-1A</b>          |                          |     |       |       |       |       |         |       |          |
| 3/27/2003            | <100                     | <20 | 60    | <0.50 | <0.50 | 2.3   | --      | --    |          |
| 6/30/2003            | <100                     | <20 | 37    | <0.50 | <0.50 | 1.6   | <0.50   | <0.50 |          |
| 9/15/2003            | <100                     | <20 | 49    | <0.50 | <0.50 | 2.4   | <0.50   | <0.50 |          |
| 12/04/2003           | <100                     | <20 | 19    | <0.50 | <0.50 | 0.89  | --      | --    |          |
| 03/10/2004           | <200                     | <40 | 38    | <1.0  | <1.0  | 2.3   | <1.0    | <1.0  |          |
| 06/10/2004           | <100                     | <20 | 46    | <0.50 | <0.50 | 2.2   | <0.50   | <0.50 |          |
| 09/22/2004           | <100                     | <20 | 17    | <0.50 | <0.50 | 0.98  | <0.50   | <0.50 |          |
| 12/13/2004           | <100                     | <20 | 15    | <0.50 | <0.50 | 0.75  | <0.50   | <0.50 |          |
| 03/10/2005           | <100                     | <10 | 22    | <0.50 | <0.50 | 0.95  | <0.50   | <0.50 |          |
| 06/29/2005           | <100                     | <20 | 14    | <0.50 | <0.50 | 0.74  | <0.50   | <0.50 |          |
| 09/14/2005           | <100                     | <20 | 13    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | c        |
| 12/13/2005           | <100                     | <20 | 12    | <0.50 | <0.50 | 0.61  | <0.50   | <0.50 |          |
| 6/22/2006            | <300                     | <20 | 13    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/22/2006            | <300                     | <20 | 12    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 3/12/2007            | <300                     | <20 | 5.6   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |



**Table 2. Summary of Fuel Additives Analytical Data**  
**Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | Concentrations in (µg/L) |      |       |       |       |       |         |       | Comments |
|----------------------|--------------------------|------|-------|-------|-------|-------|---------|-------|----------|
|                      | Ethanol                  | TBA  | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |          |
| <b>E-1A Cont.</b>    |                          |      |       |       |       |       |         |       |          |
| 6/20/2007            | <300                     | <20  | 6.8   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/20/2007            | <300                     | <20  | 0.80  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 12/14/2007           | <300                     | <20  | 2.0   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | c        |
| 3/10/2008            | <300                     | <10  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 3/26/2008            | <300                     | <10  | 0.89  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | d        |
| <b>MW-5</b>          |                          |      |       |       |       |       |         |       |          |
| 3/27/2003            | <100                     | 24   | 59    | <0.50 | <0.50 | 2.2   | --      | --    |          |
| 6/30/2003            | <100                     | 22   | 58    | <0.50 | <0.50 | 2.1   | <0.50   | <0.50 |          |
| 9/15/2003            | <500                     | <100 | 61    | <2.5  | <2.5  | 2.5   | --      | --    |          |
| 12/04/2003           | <100                     | <20  | 42    | <0.50 | <0.50 | 1.9   | --      | --    |          |
| 03/10/2004           | <100                     | <20  | 9.5   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 06/10/2004           | <100                     | <20  | 31    | <0.50 | <0.50 | 1.0   | <0.50   | <0.50 |          |
| 09/22/2004           | <100                     | <20  | 15    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 12/13/2004           | <100                     | <20  | 5.4   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/10/2005           | <100                     | <10  | 3.3   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | b        |
| 06/29/2005           | <100                     | <20  | 6.7   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/14/2005           | <100                     | <20  | 13    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | c        |
| 03/20/2006           | <300                     | <20  | 3.8   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/22/2006            | <300                     | <20  | 12    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 3/12/2007            | <300                     | <20  | 5.8   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/20/2007            | <300                     | <20  | 4.3   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 3/10/2008            | <300                     | <10  | 2.8   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>MW-8</b>          |                          |      |       |       |       |       |         |       |          |
| 3/27/2003            | <100                     | <20  | 33    | <0.50 | <0.50 | 0.53  | --      | --    |          |
| 6/30/2003            | <100                     | <20  | 15    | <0.50 | <0.50 | 0.85  | <0.50   | <0.50 |          |
| 9/15/2003            | <100                     | <20  | 41    | <0.50 | <0.50 | 5.3   | --      | --    |          |
| 12/04/2003           | <100                     | <20  | 24    | <0.50 | <0.50 | 3.7   | --      | --    |          |
| 03/10/2004           | <100                     | <20  | 2.4   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 06/10/2004           | <100                     | <20  | 2.1   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/22/2004           | <100                     | <20  | 18    | <0.50 | <0.50 | 1.5   | <0.50   | <0.50 |          |

**Table 2. Summary of Fuel Additives Analytical Data  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | Concentrations in (µg/L) |      |       |       |       |       |         |       | Comments |
|----------------------|--------------------------|------|-------|-------|-------|-------|---------|-------|----------|
|                      | Ethanol                  | TBA  | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |          |
| <b>MW-8 Cont.</b>    |                          |      |       |       |       |       |         |       |          |
| 12/13/2004           | <100                     | <20  | 7.1   | <0.50 | <0.50 | 0.78  | <0.50   | <0.50 |          |
| 03/10/2005           | <100                     | <10  | 1.4   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | b        |
| 06/29/2005           | <100                     | <20  | 1.7   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/14/2005           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | c        |
| 03/20/2006           | <300                     | <20  | 0.60  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/22/2006            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 3/12/2007            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/20/2007            | <300                     | <20  | 13    | <0.50 | <0.50 | 1.2   | <0.50   | <0.50 |          |
| 3/10/2008            | <300                     | <10  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>MW-9</b>          |                          |      |       |       |       |       |         |       |          |
| 3/27/2003            | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |          |
| 9/15/2003            | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/10/2004           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/22/2004           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/10/2005           | <100                     | <10  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | b        |
| 09/14/2005           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | c        |
| 9/22/2006            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/20/2007            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>MW-10</b>         |                          |      |       |       |       |       |         |       |          |
| 3/27/2003            | <1,000                   | <200 | 330   | <5.0  | <5.0  | 15    | --      | --    |          |
| 6/30/2003            | <2,000                   | <400 | 750   | <10   | <10   | 28    | <10     | <10   |          |
| 9/15/2003            | <1,000                   | <200 | 430   | <5.0  | <5.0  | 15    | <5.0    | <5.0  |          |
| 12/04/2003           | <500                     | <100 | 110   | <2.5  | <2.5  | 4.8   | --      | --    |          |
| 03/10/2004           | <500                     | 120  | 140   | <2.5  | <2.5  | <2.5  | <2.5    | <2.5  |          |
| 06/10/2004           | <1,000                   | <200 | 410   | <5.0  | <5.0  | 11    | <5.0    | <5.0  |          |
| 09/22/2004           | <100                     | 54   | 87    | <0.50 | <0.50 | 3.8   | <0.50   | <0.50 |          |
| 12/13/2004           | <200                     | 220  | 110   | <1.0  | <1.0  | 4.5   | <1.0    | <1.0  |          |
| 03/10/2005           | <100                     | 50   | 86    | <0.50 | <0.50 | 2.2   | <0.50   | <0.50 |          |
| 06/29/2005           | <500                     | 110  | 160   | <2.5  | <2.5  | 4.6   | <2.5    | <2.5  |          |
| 09/14/2005           | <500                     | 300  | 140   | <2.5  | <2.5  | 3.5   | <2.5    | <2.5  | c        |

**Table 2. Summary of Fuel Additives Analytical Data  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | Concentrations in (µg/L) |               |            |                 |                 |                 |                 |                 | Comments    |
|----------------------|--------------------------|---------------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------|
|                      | Ethanol                  | TBA           | MTBE       | DIPE            | ETBE            | TAME            | 1,2-DCA         | EDB             |             |
| <b>MW-10 Cont.</b>   |                          |               |            |                 |                 |                 |                 |                 |             |
| 12/13/2005           | <100                     | 190           | 47         | <0.50           | <0.50           | 1.9             | <0.50           | <0.50           |             |
| 03/20/2006           | <300                     | 72            | 34         | <0.50           | <0.50           | 0.85            | <0.50           | <0.50           |             |
| 6/22/2006            | <300                     | 130           | 21         | <0.50           | <0.50           | 0.56            | <0.50           | <0.50           | c           |
| 9/22/2006            | <300                     | 51            | 11         | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 12/7/2006            | <300                     | 24            | 10         | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 3/12/2007            | <300                     | 46            | 18         | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 6/20/2007            | <300                     | <20           | 5.9        | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 9/20/2007            | <300                     | <20           | 4.6        | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 12/14/2007           | <300                     | <20           | 6.9        | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           | c           |
| 3/10/2008            | <300                     | 22            | 13         | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| <b>6/13/2008</b>     | <b>&lt;300</b>           | <b>&lt;10</b> | <b>5.8</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> |             |
| <b>MW-11</b>         |                          |               |            |                 |                 |                 |                 |                 |             |
| 3/27/2003            | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | --              | --              |             |
| 6/30/2003            | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 9/15/2003            | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 12/04/2003           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | --              | --              |             |
| 03/10/2004           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 06/10/2004           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 09/22/2004           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 12/13/2004           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 03/10/2005           | <100                     | <10           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           | b           |
| 06/29/2005           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 09/14/2005           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           | c           |
| 9/22/2006            | <300                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 9/20/2007            | <300                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| <b>MW-14</b>         |                          |               |            |                 |                 |                 |                 |                 |             |
| 3/27/2003            | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | --              | --              |             |
| 03/10/2004           | --                       | --            | --         | --              | --              | --              | --              | --              | Not Sampled |
| 09/22/2004           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |
| 09/14/2005           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50           | <0.50           | <0.50           |             |

**Table 2. Summary of Fuel Additives Analytical Data  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | Concentrations in (µg/L) |     |       |       |       |       |         |       | Comments    |
|----------------------|--------------------------|-----|-------|-------|-------|-------|---------|-------|-------------|
|                      | Ethanol                  | TBA | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |             |
| <b>MW-14 Cont.</b>   |                          |     |       |       |       |       |         |       |             |
| 9/22/2006            | <300                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/20/2007            | <300                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| <b>MW-15</b>         |                          |     |       |       |       |       |         |       |             |
| 3/27/2003            | <100                     | <20 | 17    | <0.50 | <0.50 | <0.50 | --      | --    |             |
| 6/30/2003            | <100                     | <20 | 12    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/15/2003            | <100                     | <20 | 10    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 12/04/2003           | <100                     | <20 | 6.4   | <0.50 | <0.50 | <0.50 | --      | --    |             |
| 03/10/2004           | <100                     | <20 | 11    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 06/10/2004           | <100                     | <20 | 5.7   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 03/10/2005           | <100                     | <10 | 5.4   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | b           |
| 03/20/2006           | <300                     | <20 | 15    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/20/2007            | <300                     | <20 | 11    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 3/10/2008            | <300                     | <10 | 19    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| <b>MW-16</b>         |                          |     |       |       |       |       |         |       |             |
| 3/27/2003            | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |             |
| 9/15/2003            | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 03/10/2004           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 09/22/2004           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 03/10/2005           | <100                     | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | b           |
| 09/14/2005           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/22/2006            | <300                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/20/2007            | <300                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| <b>MW-18</b>         |                          |     |       |       |       |       |         |       |             |
| 3/27/2003            | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |             |
| 03/10/2004           | --                       | --  | --    | --    | --    | --    | --      | --    | Not Sampled |
| 09/22/2004           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 09/14/2005           | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/22/2006            | <300                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/20/2007            | <300                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |

**Table 2. Summary of Fuel Additives Analytical Data  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | Concentrations in (µg/L) |      |       |       |       |       |         |       | Comments    |
|----------------------|--------------------------|------|-------|-------|-------|-------|---------|-------|-------------|
|                      | Ethanol                  | TBA  | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |             |
| <b>MW-21</b>         |                          |      |       |       |       |       |         |       |             |
| 3/27/2003            | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |             |
| 03/10/2004           | --                       | --   | --    | --    | --    | --    | --      | --    | Not Sampled |
| 09/22/2004           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 09/14/2005           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/22/2006            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/20/2007            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| <b>MW-22</b>         |                          |      |       |       |       |       |         |       |             |
| 3/27/2003            | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |             |
| 9/15/2003            | <1,000                   | <200 | <5.0  | <5.0  | <5.0  | <5.0  | <5.0    | <5.0  |             |
| 03/10/2004           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 09/22/2004           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 03/10/2005           | <100                     | <10  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | b           |
| 09/14/2005           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/22/2006            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/20/2007            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| <b>MW-23</b>         |                          |      |       |       |       |       |         |       |             |
| 3/27/2003            | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |             |
| 03/10/2004           | --                       | --   | --    | --    | --    | --    | --      | --    | Not Sampled |
| 09/22/2004           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 09/14/2005           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/22/2006            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| 9/20/2007            | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |             |
| <b>MW-25</b>         |                          |      |       |       |       |       |         |       |             |
| 3/27/2003            | <100                     | <20  | 90    | <0.50 | <0.50 | 40    | --      | --    |             |
| 6/30/2003            | <1,000                   | <200 | 130   | <5.0  | <5.0  | 81    | <5.0    | <5.0  |             |
| 9/15/2003            | <200                     | <40  | 140   | <1.0  | <1.0  | 71    | <1.0    | <1.0  |             |
| 12/04/2003           | <100                     | <20  | 36    | <0.50 | <0.50 | 17    | --      | --    |             |
| 03/10/2004           | <100                     | <20  | 14    | <0.50 | <0.50 | 6.5   | <0.50   | <0.50 |             |
| 06/10/2004           | <100                     | <20  | 17    | <0.50 | <0.50 | 7.2   | <0.50   | <0.50 |             |
| 09/22/2004           | <100                     | <20  | 29    | <0.50 | <0.50 | 18    | <0.50   | <0.50 |             |

**Table 2. Summary of Fuel Additives Analytical Data  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| Well and Sample Date | Concentrations in (µg/L) |               |            |                 |                 |             |                 |                 | Comments    |
|----------------------|--------------------------|---------------|------------|-----------------|-----------------|-------------|-----------------|-----------------|-------------|
|                      | Ethanol                  | TBA           | MTBE       | DIPE            | ETBE            | TAME        | 1,2-DCA         | EDB             |             |
| <b>MW-25 Cont.</b>   |                          |               |            |                 |                 |             |                 |                 |             |
| 12/13/2004           | <100                     | 45            | 44         | <0.50           | <0.50           | 18          | <0.50           | <0.50           |             |
| 03/10/2005           | <100                     | <10           | 7.4        | <0.50           | <0.50           | 2.3         | <0.50           | <0.50           | b           |
| 06/29/2005           | <100                     | <20           | 20         | <0.50           | <0.50           | 12          | <0.50           | <0.50           |             |
| 09/14/2005           | <100                     | <20           | 8.0        | <0.50           | <0.50           | 4.1         | <0.50           | <0.50           |             |
| 12/13/2005           | <100                     | <20           | 13         | <0.50           | <0.50           | 5.5         | <0.50           | <0.50           |             |
| 03/20/2006           | <300                     | <20           | 5.4        | <0.50           | <0.50           | 2.4         | <0.50           | <0.50           |             |
| 6/22/2006            | <300                     | <20           | 3.5        | <0.50           | <0.50           | 1.7         | <0.50           | <0.50           | c           |
| 9/22/2006            | <300                     | <20           | 18         | <0.50           | <0.50           | 7.3         | <0.50           | <0.50           |             |
| 12/7/2006            | <300                     | <20           | 14         | <0.50           | <0.50           | 6.1         | <0.50           | <0.50           |             |
| 3/12/2007            | <300                     | <20           | 7.3        | <0.50           | <0.50           | 2.9         | <0.50           | <0.50           |             |
| 6/20/2007            | <300                     | <20           | 2.8        | <0.50           | <0.50           | 1.3         | <0.50           | <0.50           |             |
| 9/20/2007            | <300                     | <20           | 4.7        | <0.50           | <0.50           | 1.9         | <0.50           | <0.50           |             |
| 12/14/2007           | <300                     | <20           | 5.2        | <0.50           | <0.50           | 1.8         | <0.50           | <0.50           | c           |
| 3/10/2008            | <300                     | <10           | 6.0        | <0.50           | <0.50           | 1.7         | <0.50           | <0.50           |             |
| <b>6/13/2008</b>     | <b>&lt;300</b>           | <b>&lt;10</b> | <b>2.2</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> | <b>0.58</b> | <b>&lt;0.50</b> | <b>&lt;0.50</b> |             |
| <b>MW-26</b>         |                          |               |            |                 |                 |             |                 |                 |             |
| 3/27/2003            | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50       | --              | --              |             |
| 03/10/2004           | --                       | --            | --         | --              | --              | --          | --              | --              | Not Sampled |
| 09/22/2004           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50       | <0.50           | <0.50           |             |
| 09/14/2005           | <100                     | <20           | <0.50      | <0.50           | <0.50           | <0.50       | <0.50           | <0.50           |             |
| 9/22/2006            | <300                     | <20           | <0.50      | <0.50           | <0.50           | <0.50       | <0.50           | <0.50           |             |
| 9/20/2007            | <300                     | <20           | <0.50      | <0.50           | <0.50           | <0.50       | <0.50           | <0.50           |             |

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

µg/L = Micrograms per Liter

FOOTNOTES:

a = Well was not accessible this quarter.

b = Possible high bias due to CCV falling outside acceptance criteria for TBA.

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

d = Well resampled on 3/26/2008; the initial sample on 3/10/2008 was meant to be purged.

NOTES:

Well E-1A was previously named MW-12.

All volatile organic compounds analyzed using EPA Method 8260B.

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

**Table 3. Historical Ground-Water Flow Direction and Gradient  
Station #608, 17601 Hesperian Boulevard, San Lorenzo, CA**

| <b>Date Sampled</b> | <b>Approximate Flow Direction</b> | <b>Approximate Hydraulic Gradient</b> |
|---------------------|-----------------------------------|---------------------------------------|
| 6/28/2002           | West                              | 0.003                                 |
| 9/20/2002           | West                              | 0.00196                               |
| 12/30/2002          | West                              | 0.003                                 |
| 3/27/2003           | West                              | 0.002                                 |
| 6/30/2003           | West-Southwest                    | 0.001                                 |
| 9/15/2003           | West                              | 0.003                                 |
| 12/4/2003           | West-Southwest                    | 0.003                                 |
| 3/10/2004           | West                              | 0.003                                 |
| 6/10/2004           | West                              | 0.006                                 |
| 9/22/2004           | West                              | 0.006                                 |
| 12/13/2004          | West-Southwest                    | 0.003                                 |
| 3/10/2005           | West-Southwest                    | 0.003                                 |
| 6/29/2005           | West-Southwest                    | 0.003                                 |
| 9/14/2005           | West-Southwest                    | 0.003                                 |
| 12/13/2005          | West                              | 0.003                                 |
| 3/20/2006           | West-Southwest                    | 0.003                                 |
| 6/22/2006           | West-Southwest                    | 0.003                                 |
| 9/22/2006           | West-Southwest                    | 0.003                                 |
| 12/7/2006           | West                              | 0.004                                 |
| 3/12/2007           | West                              | 0.003                                 |
| 6/20/2007           | West                              | 0.004                                 |
| 9/20/2007           | West                              | 0.003                                 |
| 12/14/2007          | West                              | 0.004                                 |
| 3/10/2008           | West                              | 0.004                                 |
| <b>6/13/2008</b>    | --                                | --                                    |

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



**Table 4a.**  
**Current Ground-Water Sampling Schedule**  
**Atlantic Richfield Company Station #608**  
**17601 Hesperian Boulevard, San Lorenzo, California**

| Well Number                         | First Quarter                                  | Second Quarter | Third Quarter | Fourth Quarter | Sampling Frequency                 |
|-------------------------------------|--|----------------|---------------|----------------|------------------------------------|
| <b>Groundwater Monitoring Wells</b> |  |                |               |                |                                    |
| MW-5                                | X  |                | X             |                | Semiannually (1st and 3rd Quarter) |
| MW-7                                | -----Removed from Program-----                 |                |               |                |                                    |
| MW-8                                | X  |                | X             |                | Semiannually (1st and 3rd Quarter) |
| MW-9                                |  |                | X             |                | Annually (3rd Quarter)             |
| MW-10                               | X  | X              | X             | X              | Quarterly                          |
| MW-11                               |  |                | X             |                | Annually (3rd Quarter)             |
| E-1A                                | X  | X              | X             | X              | Quarterly                          |
| MW-13                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-14                               |  |                | X             |                | Annually (3rd Quarter)             |
| MW-15                               | X  |                | X             |                | Semiannually (1st and 3rd Quarter) |
| MW-16                               |  |                | X             |                | Annually (3rd Quarter)             |
| MW-17                               | -----Destroyed-----                            |                |               |                |                                    |
| MW-18                               |  |                | X             |                | Annually (3rd Quarter)             |
| MW-19                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-20                               | -----Destroyed-----                            |                |               |                |                                    |
| MW-21                               |  |                | X             |                | Annually (3rd Quarter)             |
| MW-22                               |  |                | X             |                | Annually (3rd Quarter)             |
| MW-23                               |  |                | X             |                | Annually (3rd Quarter)             |
| MW-24                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-25                               | X  | X              | X             | X              | Quarterly                          |
| MW-26                               |  |                | X             |                | Annually (3rd Quarter)             |
| <b>Domestic Irrigation Wells</b>    |  |                |               |                |                                    |
| 590H                                | -----Destroyed-----                            |                |               |                |                                    |
| 633H                                | Destroyed                                      |                |               |                |                                    |
| 634H                                | -----Pump Not Functional, Well Not in Use----- |                |               |                |                                    |
| 642H                                | X  | X              | X             | X              | Quarterly                          |
| 675H                                | -----Destroyed-----                            |                |               |                |                                    |
| 17197 VM                            | -----Destroyed-----                            |                |               |                |                                    |
| 17200 VM                            | -----Destroyed-----                            |                |               |                |                                    |
| 17203 VM                            | Destroyed                                      |                |               |                |                                    |
| 17302 VM                            | -----Pump Not Functional, Well Not in Use----- |                |               |                |                                    |
| 17348 VE                            | -----Pump Not Functional, Well Not in Use----- |                |               |                |                                    |
| 17349 VM                            | -----Destroyed-----                            |                |               |                |                                    |
| 17371 VM                            | -----Destroyed-----                            |                |               |                |                                    |
| 17372 VM                            | X  | X              | X             | X              | Quarterly                          |
| 17393 VM                            | -----Destroyed-----                            |                |               |                |                                    |

Notes: Beginning third quarter 2005, the sampling schedule was changed.

**Table 4b.**  
**Modified Ground-Water Sampling Schedule**  
**Atlantic Richfield Company Station #608**  
**17601 Hesperian Boulevard, San Lorenzo, California**

| Well Number                         | First Quarter                                  | Second Quarter | Third Quarter | Fourth Quarter | Sampling Frequency                 |
|-------------------------------------|--|----------------|---------------|----------------|------------------------------------|
| <b>Groundwater Monitoring Wells</b> |  |                |               |                |                                    |
| MW-5                                | X  |                | X             |                | Semiannually (1st and 3rd Quarter) |
| MW-7                                | -----Removed from Program-----                 |                |               |                |                                    |
| MW-8                                | X  |                | X             |                | Semiannually (1st and 3rd Quarter) |
| MW-9                                | -----Removed from Program-----                 |                |               |                |                                    |
| MW-10                               | X  | X              | X             | X              | Quarterly                          |
| MW-11                               | -----Removed from Program-----                 |                |               |                |                                    |
| E-1A                                | X  | X              | X             | X              | Quarterly                          |
| MW-13                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-14                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-15                               | X  |                | X             |                | Semiannually (1st and 3rd Quarter) |
| MW-16                               |  |                | X             |                | Annually (3rd Quarter)             |
| MW-17                               | -----Destroyed-----                            |                |               |                |                                    |
| MW-18                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-19                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-20                               | -----Destroyed-----                            |                |               |                |                                    |
| MW-21                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-22                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-23                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-24                               | -----Removed from Program-----                 |                |               |                |                                    |
| MW-25                               | X  |                | X             |                | Semiannually (1st and 3rd Quarter) |
| MW-26                               | -----Removed from Program-----                 |                |               |                |                                    |
| <b>Domestic Irrigation Wells</b>    |  |                |               |                |                                    |
| 590H                                | -----Destroyed-----                            |                |               |                |                                    |
| 633H                                | Destroyed                                      |                |               |                |                                    |
| 634H                                | -----Pump Not Functional, Well Not in Use----- |                |               |                |                                    |
| 642H                                | -----Removed from Program-----                 |                |               |                |                                    |
| 675H                                | -----Destroyed-----                            |                |               |                |                                    |
| 17197 VM                            | -----Destroyed-----                            |                |               |                |                                    |
| 17200 VM                            | -----Destroyed-----                            |                |               |                |                                    |
| 17203 VM                            | Destroyed                                      |                |               |                |                                    |
| 17302 VM                            | -----Pump Not Functional, Well Not in Use----- |                |               |                |                                    |
| 17348 VE                            | -----Pump Not Functional, Well Not in Use----- |                |               |                |                                    |
| 17349 VM                            | -----Destroyed-----                            |                |               |                |                                    |
| 17371 VM                            | -----Destroyed-----                            |                |               |                |                                    |
| 17372 VM                            | -----Removed from Program-----                 |                |               |                |                                    |
| 17393 VM                            | -----Destroyed-----                            |                |               |                |                                    |

**APPENDIX A**

**STRATUS GROUND-WATER SAMPLING DATA PACKAGE  
(INCLUDES FIELD DATA SHEETS, LABORATORY ANALYTICAL REPORT WITH  
CHAIN-OF-CUSTODY DOCUMENTATION, AND FIELD PROCEDURES)**



3330 Cameron Park Drive, Ste 550  
Cameron Park, California 95682  
(530) 676-6004 ~ Fax: (530) 676-6005

July 1, 2008

Mr. Rob Miller  
Broadbent & Associates  
2000 Kirman Ave.  
Reno, NV 89502

Re: Groundwater Sampling Data Package, BP Service Station No. 608, located at  
17601 Hesperian Boulevard, San Lorenzo, California.

### **General Information**

*Data Submittal Prepared / Reviewed by:* Becky Carroll / Steve Carter

*Phone Number:* (530) 676-6004

*On-Site Supplier Representatives:* Levi Ford

*Sampling Date:* June 13, 2008

*Arrival:* 5:30 *Departure:* 08:00

*Weather Conditions:* Clear

*Unusual Field Conditions:* None noted.

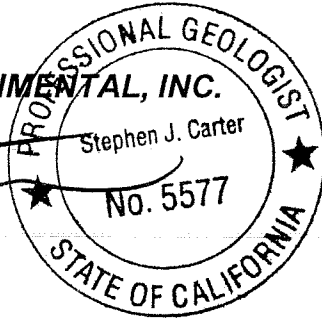
*Scope of Work Performed:* Quarterly monitoring and sampling.

*Variations from Work Scope:* Well 642H is located in a residential area. The property owner has not responded to written requests to enter property. The pump is down in well 17372VM, therefore it was not sampled. Well E-1A is located within a large well box (>24" diameter cover) and for safety reasons was not accessed for sampling and gauging during this event.

This submittal presents the tabulation of data collected in association with routine groundwater monitoring. The attachments include field data sheets, non-hazardous waste data form, chain of custody documentation, certified analytical results, and field procedures for groundwater sampling documentation. The information is being provided to BP-ARCO's Scoping Supplier for use in preparing a report for regulatory submittal. This submittal is limited to presentation of collected data and does not include data interpretation or conclusions or recommendations. Any questions concerning this submittal should be addressed to the Preparer/Reviewer identified above.

Sincerely,

**STRATUS ENVIRONMENTAL, INC.**



*for* *SJ Carter*  
Jay R. Johnson, P.G.  
Project Manager

**Attachments:**

- Field Data Sheets
- Non-Hazardous Waste Data Form
- Chain of Custody Documentation
- Certified Analytical Results
- Field Procedures for Groundwater sampling

CC: Mr. Paul Supple, BP/ARCO



Site Address: 17601 Hesperian Blvd  
 City: San Lorenzo CA  
 Sampled by: Levi Ford  
 Signature: [Signature]

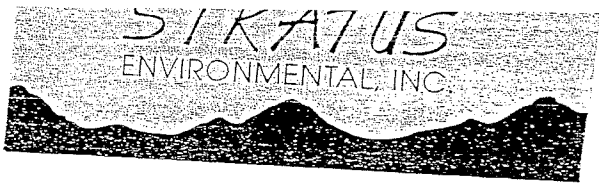
Site Number: Area 608  
 Project Number: E-608  
 Project PM: Jay Johnson  
 DATE: 6/13/08

| Water Level Data |  |                         |                       |                    | Purge Volume Calculations |                   |            |                            |                               | Purge Method |        |      |       | Sample Record             |            |             | Field Data |  |
|------------------|--|-------------------------|-----------------------|--------------------|---------------------------|-------------------|------------|----------------------------|-------------------------------|--------------|--------|------|-------|---------------------------|------------|-------------|------------|--|
| Well ID          | Time                                     | Depth to Product (feet) | Depth to Water (feet) | Total Depth (feet) | Water column (feet)       | Diameter (inches) | Multiplier | 3 casing volumes (gallons) | Actual water purged (gallons) | No. Purge    | Bailer | Pump | other | DTW at sample time (feet) | Sample I.D | Sample Time | DO (mg/L)  |  |
| MW-10            | 0707                                     | N/A                     | 10.05                 | 22.25              | 12.20                     | 3"                | 1.0        | 12.20                      | 12.0                          |              | X      |      |       | 10.07                     | MW-10      | 0736        | 0.79       |  |
| MW-25            | 0625                                     | N/A                     | 11.50                 | 18.23              | 6.73                      | 2"                | .50        | 3.37                       | 3.50                          |              | X      |      |       | 11.40                     | MW-25      | 0644        | 0.77       |  |
| E-1A             | Oversized Vault, did not sample          |                         |                       |                    |                           |                   |            |                            |                               |              |        |      |       |                           |            |             |            |  |
| 642H             | } NO SAMPLE AS PER CHRIS HELL ON 6/12/08 |                         |                       |                    |                           |                   |            |                            |                               |              |        |      |       |                           |            |             |            |  |
| 17372VM          |  |                         |                       |                    |                           |                   |            |                            |                               |              |        |      |       |                           |            |             |            |  |
| TB               | 0600                                     |                         |                       |                    |                           |                   |            |                            |                               |              |        |      |       |                           |            | TB          | 0600       |  |

Multiplier  
 2" = 0.5 3" = 1.0 4" = 2.0 6" = 4.4

Please refer to groundwater sampling field procedures  
 pH/Conductivity/temperature Meter - Oakton Model PC-10  
 DO Meter - Oakton 300 Series (DO is always measured before purge)

CALIBRATION DATE  
 pH: \_\_\_\_\_  
 Conductivity: 6/13  
 DO: \_\_\_\_\_



Site Address 17601 Hesperin Blvd.  
 City San Lorenzo  
 Site Sampled by Levi Ford

Site Number E-608  
 Project No. E-608  
 Project PM Jay Johnson  
 Date Sampled 6/13/08

3-37

12-2

|   |             |             |            |             |   |             |             |            |           |
|---|-------------|-------------|------------|-------------|---|-------------|-------------|------------|-----------|
| Well ID <u>MW-25</u> <u>0644</u>              |             |             |            |             | Well ID <u>MW-10</u> <u>0736</u>              |             |             |            |           |
| purge start time <u>Bailer</u> <u>No odor</u> |             |             |            |             | purge start time <u>Bailer</u> <u>No odor</u> |             |             |            |           |
|   | Temp C      | pH          | cond       | gallons     |   | Temp C      | pH          | cond       | gallons   |
| time  | <u>19.0</u> | <u>7.20</u> | <u>781</u> | <u>2</u>    | time  | <u>19.0</u> | <u>7.18</u> | <u>629</u> | <u>2</u>  |
| time  | <u>18.8</u> | <u>7.15</u> | <u>743</u> | <u>3.50</u> | time  | <u>18.9</u> | <u>7.13</u> | <u>635</u> | <u>6</u>  |
| time  |             |             |            |             | time  | <u>19.0</u> | <u>7.15</u> | <u>645</u> | <u>12</u> |
| time  |             |             |            |             | time  |             |             |            |           |
| purge stop time <u>ORP = 55</u>               |             |             |            |             | purge stop time <u>ORP = 76</u>               |             |             |            |           |
| Well ID                                       |             |             |            |             | Well ID                                       |             |             |            |           |
| purge start time                              |             |             |            |             | purge start time                              |             |             |            |           |
|   | Temp C      | pH          | cond       | gallons     |   | Temp C      | pH          | cond       | gallons   |
| time  |             |             |            |             | time  |             |             |            |           |
| time  |             |             |            |             | time  |             |             |            |           |
| time  |             |             |            |             | time  |             |             |            |           |
| time  |             |             |            |             | time  |             |             |            |           |
| purge stop time                               |             |             |            |             | purge stop time                               |             |             |            |           |
| Well ID                                       |             |             |            |             | Well ID                                       |             |             |            |           |
| purge start time                              |             |             |            |             | purge start time                              |             |             |            |           |
|   | Temp C      | pH          | cond       | gallons     |   | Temp C      | pH          | cond       | gallons   |
| time  |             |             |            |             | time  |             |             |            |           |
| time  |             |             |            |             | time  |             |             |            |           |
| time  |             |             |            |             | time  |             |             |            |           |
| time  |             |             |            |             | time  |             |             |            |           |
| purge stop time                               |             |             |            |             | purge stop time                               |             |             |            |           |
| Well ID                                       |             |             |            |             | Well ID                                       |             |             |            |           |
| purge start time                              |             |             |            |             | purge start time                              |             |             |            |           |
|   | Temp C      | pH          | cond       | gallons     |   | Temp C      | pH          | cond       | gallons   |
| time  |             |             |            |             | time  |             |             |            |           |
| time  |             |             |            |             | time  |             |             |            |           |
| time  |             |             |            |             | time  |             |             |            |           |
| time  |             |             |            |             | time  |             |             |            |           |
| purge stop time                               |             |             |            |             | purge stop time                               |             |             |            |           |

SP

# WELLHEAD OBSERVATION FORM



Site Name/Number: ArcD 608

Date: 6/13/08 Technician: Levi Ford

| Well I.D. | Box in Good Condition?<br><small>X = Yes<br/>Blank = No</small> | Lock Missing?<br><small>X = Yes (replaced)<br/>Blank = No</small> | Water in Wellbox?<br><small>X = Yes<br/>Blank = No</small> | Water Level Relative to Cap?<br><small>A = Above cap<br/>B = Below cap<br/>L = Level w/cap</small> | Well Cap?<br><small>I = Intact<br/>M = Missing or Compromised (replaced)</small> | Bolts Missing?<br><small>X = Yes<br/>Blank = No</small> | Bolts Stripped?<br><small>X = Yes<br/>Blank = No</small> | Bolt Holes Stripped?<br><small>X = Yes<br/>Blank = No</small> | Cracked or Broken Lid?<br><small>X = Yes<br/>Blank = No</small> | Cracked or Broken Box?<br><small>X = Yes<br/>Blank = No</small> | Grout Level more than 1ft below TOC?<br><small>X = Yes<br/>Blank = No</small> | Additional Comments<br><small>(such as missing lid, concrete needs replacement, or other - explain)</small> |
|-----------|---|---|--|--|--|---|--|---|---|---|---|---|
| MW-25     |   |   | X  | B  | I  |   |  |   |   |   |   |   |
| MW-10     | X   |   |  |  | I  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |
|           |   |   |  |  |  |   |  |   |   |   |   |   |

**DRUM INVENTORY**

Drums on site? Yes  No (circle)  
 Type and # Steel: \_\_\_\_\_ Plastic: \_\_\_\_\_

Note whether drums are full or empty, solids or liquids:  
 \_\_\_\_\_  
 \_\_\_\_\_

Drum label info (description, date, contact info):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**GENERAL SITE CONDITIONS**

Make notes on housekeeping conditions (such as trash around remediation system enclosure/compound, bent or missing bollards, signs missing from compound fences, graffiti on compound, etc.)

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(updated 3-28-08, SS)



NO. 669923

# NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

SITE: 17601 Highway 602  
 NAME: BP WEST COAST PRODUCTS LLC ARCO # San Leandro  
 ADDRESS: P.O. BOX 80249 RANCHO SANTA MARGARITA CA 92688  
 CITY, STATE, ZIP: CA 92688  
 PHONE NO. ( )

EPA I.D. NO. NOT REQUIRED  
 PROFILE NO.

CONTAINERS: No. \_\_\_\_\_ VOLUME: 15.50 gal WEIGHT \_\_\_\_\_  
 TYPE:  TANK TRUCK  DUMP TRUCK  DRUMS  CARTONS  OTHER \_\_\_\_\_

| WASTE DESCRIPTION COMPONENTS OF WASTE |         |   | GENERATING PROCESS COMPONENTS OF WASTE |     |   |
|---------------------------------------|---------|---|--|-----|---|
|                                       | PPM     | % |  | PPM | % |
| 1. WATER                              | 99-100% |   | 5. _____                               |     |   |
| 2. TPH                                | <1%     |   | 6. _____                               |     |   |
| 3. _____                              |         |   | 7. BESI*                               |     |   |
| 4. _____                              |         |   | 8. _____                               |     |   |

PROPERTIES: 7-10 pH  SOLID  LIQUID  SLUDGE  SLURRY  OTHER \_\_\_\_\_

HANDLING INSTRUCTIONS: WEAR ALL APPROPRIATE PROTECTIVE CLOTHING

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

Larry Moothart BESI for BP  
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE 06/13/08

TRANSPORTER

Transporter #1  
 NAME: STRATUS ENVIRONMENTAL  
 ADDRESS: 3330 CAMERON PARK DR  
 CITY, STATE, ZIP: CAMERON PARK, CA 95682  
 PHONE NO.: 530-676-2031  
 TRUCK, UNIT, I.D. NO. \_\_\_\_\_  
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE 06/13/08

EPA I.D. NO. \_\_\_\_\_  
 SERVICE ORDER NO. \_\_\_\_\_  
 PICK UP DATE \_\_\_\_\_

TSD FACILITY

NAME: INSTRAT, INC  
 ADDRESS: 1105 AIRPORT RD #C  
 CITY, STATE, ZIP: RIO VISTA, CA 94571  
 PHONE NO.: 530-753-1829  
 TYPED OR PRINTED FULL NAME & SIGNATURE DATE \_\_\_\_\_

EPA I.D. NO. \_\_\_\_\_  
 DISPOSAL METHOD  
 LANDFILL  OTHER \_\_\_\_\_

|       |         |       |      |      |
|-------|---------|-------|------|------|
| GEN   | OLD/NEW | L     | A    | TONS |
| TRANS |         | S     | B    |      |
| C/Q   |         | RT/CD | HWDF | NONE |

DISCREPANCY



# Chain of Custody Record

Project Name: ARCO 608  
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda > 608  
 State or Lead Regulatory Agency: \_\_\_\_\_  
 Requested Due Date (mm/dd/yy): Std./TAT

|                              |                  |
|------------------------------|------------------|
| On-site Time: <u>0530</u>    | Temp: <u>70</u>  |
| Off-site Time: <u>0800</u>   | Temp: <u>80</u>  |
| Sky Conditions: <u>Clear</u> |                  |
| Meteorological Events: _____ |                  |
| Wind Speed: _____            | Direction: _____ |

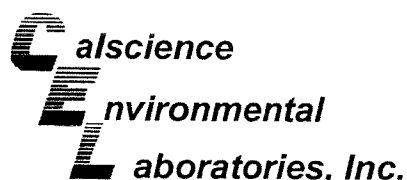
|   |   |   |
|---|---|---|
| Lab Name: <u>Cal Science</u>                      | BP/AR Facility No.: <u>608</u>  | Consultant/Contractor: <u>Stratus Environmental, Inc.</u> |
| Address: <u>7440 Lincoln Way</u>                  | BP/AR Facility Address: <u>17601 Hesperian Boulevard, San Lorenzo</u> | Address: <u>3330 Cameron Park Drive, Suite 550</u>        |
| <u>Garden Grove Ca. 92841-1427</u>                | Site Lat/Long: _____  | <u>Cameron Park, CA 95682</u>                             |
| Lab PM: <u>Linda Scharpenberg</u>                 | California Global ID No.: <u>T0600100085</u>                          | Consultant/Contractor Project No.: <u>E608-03</u>         |
| Tele/Fax: <u>714-895-5494 714-895-7401 (fax)</u>  | Enfos Project No.: <u>G0C24-0027</u>                                  | Consultant/Contractor PM: <u>Jay Johnson</u>              |
| BP/AR PM Contact: <u>Paul Supple</u>              | Provision or OOC (circle one) <u>Provision</u>                        | Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>          |
| Address: <u>2010 Crow Canyon Place, Suite 150</u> | Phase/WBS: <u>04-Monitoring</u>                                       | Report Type & QC Level: <u>Level 1 with EDF</u>           |
| <u>San Ramon, CA</u>                              | Sub Phase/Task: <u>03-Analytical</u>                                  | E-mail EDD To: <u>shayes@stratusinc.net</u>               |
| Tele/Fax: <u>925-275-3506</u>                     | Cost Element: <u>01-Contractor labor</u>                              | Invoice to: <u>Atlantic Richfield Co.</u>                 |

| Lab Bottle Order No: |                    |      |      | Matrix     |              |     | Laboratory No. | Preservative      |             |                                |                  |     | Requested Analysis |     |      |        |     |         | Sample Point Lat/Long and Comments<br><br>*Oxy=<br>MTBE, TAME, ETBE, DIPE, TBA |
|----------------------|--------------------|------|------|------------|--------------|-----|----------------|-------------------|-------------|--------------------------------|------------------|-----|--------------------|-----|------|--------|-----|---------|--|
| Item No.             | Sample Description | Time | Date | Soil/Solid | Water/Liquid | Air |                | No. of Containers | Unpreserved | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | Methanol           | GRO | BTEX | SOXY'S | EDB | 1,2-DCA |  |
| 1                    | MW-10              | 0736 | 6/13 | X          |              |     | 6              |                   |             |                                | X                |     | X                  | X   | X    | X      | X   | X       |  |
| 2                    | MW-25              | 0644 | 6/13 | X          |              |     | 6              |                   |             |                                | X                |     | X                  | X   | X    | X      | X   | X       |  |
| 3                    |                    |      |      |            |              |     |                |                   |             |                                |                  |     |                    |     |      |        |     |         |  |
| 4                    |                    |      |      |            |              |     |                |                   |             |                                |                  |     |                    |     |      |        |     |         |  |
| 5                    |                    |      |      |            |              |     |                |                   |             |                                |                  |     |                    |     |      |        |     |         |  |
| 6                    |                    |      |      |            |              |     |                |                   |             |                                |                  |     |                    |     |      |        |     |         |  |
| 7                    |                    |      |      |            |              |     |                |                   |             |                                |                  |     |                    |     |      |        |     |         |  |
| 8                    |                    |      |      |            |              |     |                |                   |             |                                |                  |     |                    |     |      |        |     |         |  |
| 9                    | TB0608061308       | 0600 | 6/13 | X          |              |     | 2              |                   |             |                                | X                |     |                    |     |      |        |     |         |  |
| 10                   |                    |      |      |            |              |     |                |                   |             |                                |                  |     |                    |     |      |        |     |         |  |

|   |                               |                     |                |             |                           |  |      |      |
|---|-------------------------------|---------------------|----------------|-------------|---------------------------|--|------|------|
| Sampler's Name: <u>Levi Ford</u>                      | Relinquished By / Affiliation |                     | Date           | Time        | Accepted By / Affiliation |  | Date | Time |
| Sampler's Company: <u>Stratus Environmental, Inc.</u> | <u>Levi Ford</u>              | <u>Stratus Env.</u> | <u>6/13/08</u> | <u>1200</u> |                           |  |      |      |
| Shipment Date: <u>06/13/08</u>                        |                               |                     |                |             |                           |  |      |      |
| Shipment Method: <u>GSO</u>                           |                               |                     |                |             |                           |  |      |      |
| Shipment Tracking No: <u>105867110</u>                |                               |                     |                |             |                           |  |      |      |

Special Instructions: Please cc results to rmiller@broadbentinc.com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: \_\_\_\_\_ °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No



June 30, 2008

Jay Johnson  
Stratus Environmental, inc.  
3330 Cameron Park Drive, Suite 550  
Cameron Park, CA 95682-8861

Subject: **Calscience Work Order No.: 08-06-1455**  
**Client Reference: ARCO 608**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/14/2008 and analyzed in accordance with the attached chain-of-custody.

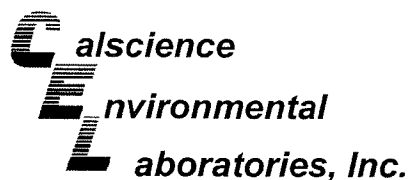
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

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

Sincerely,

A handwritten signature in black ink that reads "Linda Scharpenberg". The signature is written in a cursive style with a horizontal line underneath the name.

Calscience Environmental  
Laboratories, Inc.  
Linda Scharpenberg  
Project Manager



## Analytical Report



Stratus Environmental, inc.  
3330 Cameron Park Drive, Suite 550  
Cameron Park, CA 95682-8861

Date Received: 06/14/08  
Work Order No: 08-06-1455  
Preparation: EPA 5030B  
Method: EPA 8015B (M)

Project: ARCO 608

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-10                | 08-06-1455-1-D    | 06/13/08<br>07:36   | Aqueous | GC 29      | 06/18/08      | 06/19/08<br>08:41  | 080617B03   |

| Parameter                        | Result         | RL                    | DF | Qual        | Units |
|----------------------------------|----------------|-----------------------|----|-------------|-------|
| Gasoline Range Organics (C6-C12) | 410            | 50                    | 1  |             | ug/L  |
| <u>Surrogates:</u>               | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| 1,4-Bromofluorobenzene           | 95             | 38-134                |    |             |       |

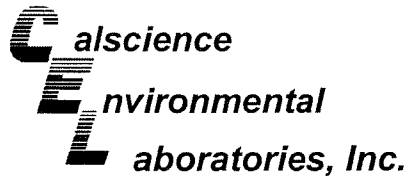
| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-25                | 08-06-1455-2-D    | 06/13/08<br>06:44   | Aqueous | GC 29      | 06/18/08      | 06/19/08<br>09:15  | 080617B03   |

| Parameter                        | Result         | RL                    | DF | Qual        | Units |
|----------------------------------|----------------|-----------------------|----|-------------|-------|
| Gasoline Range Organics (C6-C12) | ND             | 50                    | 1  |             | ug/L  |
| <u>Surrogates:</u>               | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| 1,4-Bromofluorobenzene           | 69             | 38-134                |    |             |       |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-695-171    | N/A                 | Aqueous | GC 29      | 06/18/08      | 06/18/08<br>19:11  | 080617B03   |

| Parameter                        | Result         | RL                    | DF | Qual        | Units |
|----------------------------------|----------------|-----------------------|----|-------------|-------|
| Gasoline Range Organics (C6-C12) | ND             | 50                    | 1  |             | ug/L  |
| <u>Surrogates:</u>               | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| 1,4-Bromofluorobenzene           | 69             | 38-134                |    |             |       |

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



## Analytical Report

Stratus Environmental, inc.  
3330 Cameron Park Drive, Suite 550  
Cameron Park, CA 95682-8861

Date Received: 06/14/08  
Work Order No: 08-06-1455  
Preparation: EPA 5030B  
Method: EPA 8260B  
Units: ug/L

Project: ARCO 608

Page 1 of 1

| Client Sample Number | Lab Sample Number     | Date/Time Collected       | Matrix         | Instrument     | Date Prepared   | Date/Time Analyzed        | QC Batch ID      |
|----------------------|-----------------------|---------------------------|----------------|----------------|-----------------|---------------------------|------------------|
| <b>MW-10</b>         | <b>08-06-1455-1-A</b> | <b>06/13/08<br/>07:36</b> | <b>Aqueous</b> | <b>GC/MS Z</b> | <b>06/20/08</b> | <b>06/20/08<br/>16:56</b> | <b>080620L01</b> |

| Parameter             | Result         | RL                    | DF | Qual        | Parameter                     | Result         | RL                    | DF | Qual        |
|-----------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene               | ND             | 0.50                  | 1  |             | Methyl-t-Butyl Ether (MTBE)   | 5.8            | 0.50                  | 1  |             |
| 1,2-Dibromoethane     | ND             | 0.50                  | 1  |             | Tert-Butyl Alcohol (TBA)      | ND             | 10                    | 1  |             |
| 1,2-Dichloroethane    | ND             | 0.50                  | 1  |             | Diisopropyl Ether (DIPE)      | ND             | 0.50                  | 1  |             |
| Ethylbenzene          | ND             | 0.50                  | 1  |             | Ethyl-t-Butyl Ether (ETBE)    | ND             | 0.50                  | 1  |             |
| Toluene               | ND             | 0.50                  | 1  |             | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1  |             |
| Xylenes (total)       | ND             | 0.50                  | 1  |             | Ethanol                       | ND             | 300                   | 1  |             |
| <b>Surrogates:</b>    | <b>REC (%)</b> | <b>Control Limits</b> |    | <b>Qual</b> | <b>Surrogates:</b>            | <b>REC (%)</b> | <b>Control Limits</b> |    | <b>Qual</b> |
| 1,2-Dichloroethane-d4 | 105            | 73-157                |    |             | Dibromofluoromethane          | 105            | 82-142                |    |             |
| Toluene-d8            | 105            | 82-112                |    |             | 1,4-Bromofluorobenzene        | 95             | 75-105                |    |             |

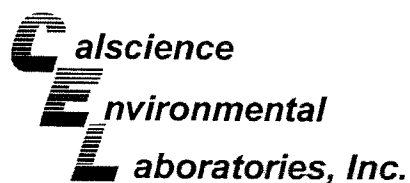
| Client Sample Number | Lab Sample Number     | Date/Time Collected       | Matrix         | Instrument     | Date Prepared   | Date/Time Analyzed        | QC Batch ID      |
|----------------------|-----------------------|---------------------------|----------------|----------------|-----------------|---------------------------|------------------|
| <b>MW-25</b>         | <b>08-06-1455-2-A</b> | <b>06/13/08<br/>06:44</b> | <b>Aqueous</b> | <b>GC/MS Z</b> | <b>06/20/08</b> | <b>06/20/08<br/>19:00</b> | <b>080620L01</b> |

| Parameter             | Result         | RL                    | DF | Qual        | Parameter                     | Result         | RL                    | DF | Qual        |
|-----------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene               | ND             | 0.50                  | 1  |             | Methyl-t-Butyl Ether (MTBE)   | 2.2            | 0.50                  | 1  |             |
| 1,2-Dibromoethane     | ND             | 0.50                  | 1  |             | Tert-Butyl Alcohol (TBA)      | ND             | 10                    | 1  |             |
| 1,2-Dichloroethane    | ND             | 0.50                  | 1  |             | Diisopropyl Ether (DIPE)      | ND             | 0.50                  | 1  |             |
| Ethylbenzene          | ND             | 0.50                  | 1  |             | Ethyl-t-Butyl Ether (ETBE)    | ND             | 0.50                  | 1  |             |
| Toluene               | ND             | 0.50                  | 1  |             | Tert-Amyl-Methyl Ether (TAME) | 0.58           | 0.50                  | 1  |             |
| Xylenes (total)       | ND             | 0.50                  | 1  |             | Ethanol                       | ND             | 300                   | 1  |             |
| <b>Surrogates:</b>    | <b>REC (%)</b> | <b>Control Limits</b> |    | <b>Qual</b> | <b>Surrogates:</b>            | <b>REC (%)</b> | <b>Control Limits</b> |    | <b>Qual</b> |
| 1,2-Dichloroethane-d4 | 111            | 73-157                |    |             | Dibromofluoromethane          | 112            | 82-142                |    |             |
| Toluene-d8            | 97             | 82-112                |    |             | 1,4-Bromofluorobenzene        | 83             | 75-105                |    |             |

| Client Sample Number | Lab Sample Number     | Date/Time Collected | Matrix         | Instrument     | Date Prepared   | Date/Time Analyzed        | QC Batch ID      |
|----------------------|-----------------------|---------------------|----------------|----------------|-----------------|---------------------------|------------------|
| <b>Method Blank</b>  | <b>099-12-703-287</b> | <b>N/A</b>          | <b>Aqueous</b> | <b>GC/MS Z</b> | <b>06/20/08</b> | <b>06/20/08<br/>16:26</b> | <b>080620L01</b> |

| Parameter             | Result         | RL                    | DF | Qual        | Parameter                     | Result         | RL                    | DF | Qual        |
|-----------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene               | ND             | 0.50                  | 1  |             | Methyl-t-Butyl Ether (MTBE)   | ND             | 0.50                  | 1  |             |
| 1,2-Dibromoethane     | ND             | 0.50                  | 1  |             | Tert-Butyl Alcohol (TBA)      | ND             | 10                    | 1  |             |
| 1,2-Dichloroethane    | ND             | 0.50                  | 1  |             | Diisopropyl Ether (DIPE)      | ND             | 0.50                  | 1  |             |
| Ethylbenzene          | ND             | 0.50                  | 1  |             | Ethyl-t-Butyl Ether (ETBE)    | ND             | 0.50                  | 1  |             |
| Toluene               | ND             | 0.50                  | 1  |             | Tert-Amyl-Methyl Ether (TAME) | ND             | 0.50                  | 1  |             |
| Xylenes (total)       | ND             | 0.50                  | 1  |             | Ethanol                       | ND             | 300                   | 1  |             |
| <b>Surrogates:</b>    | <b>REC (%)</b> | <b>Control Limits</b> |    | <b>Qual</b> | <b>Surrogates:</b>            | <b>REC (%)</b> | <b>Control Limits</b> |    | <b>Qual</b> |
| 1,2-Dichloroethane-d4 | 119            | 73-157                |    |             | Dibromofluoromethane          | 116            | 82-142                |    |             |
| Toluene-d8            | 98             | 82-112                |    |             | 1,4-Bromofluorobenzene        | 81             | 75-105                |    |             |

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



## Quality Control - Spike/Spike Duplicate

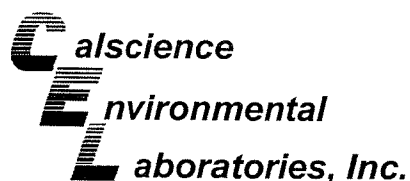
|                                    |                |               |
|------------------------------------|----------------|---------------|
| Stratus Environmental, inc.        | Date Received: | 06/14/08      |
| 3330 Cameron Park Drive, Suite 550 | Work Order No: | 08-06-1455    |
| Cameron Park, CA 95682-8861        | Preparation:   | EPA 5030B     |
|                                    | Method:        | EPA 8015B (M) |

Project ARCO 608

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| 08-06-1443-36             | Aqueous | GC 29      | 06/18/08      | 06/18/08      | 080617S04           |

| <u>Parameter</u>                 | <u>MS %REC</u> | <u>MSD %REC</u> | <u>%REC CL</u> | <u>RPD</u> | <u>RPD CL</u> | <u>Qualifiers</u> |
|----------------------------------|----------------|-----------------|----------------|------------|---------------|-------------------|
| Gasoline Range Organics (C6-C12) | 104            | 99              | 38-134         | 4          | 0-25          |                   |

RPD - Relative Percent Difference , CL - Control Limit



## Quality Control - Spike/Spike Duplicate

Stratus Environmental, inc.  
3330 Cameron Park Drive, Suite 550  
Cameron Park, CA 95682-8861

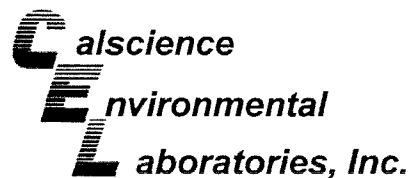
Date Received: 06/14/08  
Work Order No: 08-06-1455  
Preparation: EPA 5030B  
Method: EPA 8260B

Project ARCO 608

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| MW-10                     | Aqueous | GC/MS Z    | 06/20/08      | 06/20/08      | 080620S01           |

| <u>Parameter</u>              | <u>MS %REC</u> | <u>MSD %REC</u> | <u>%REC CL</u> | <u>RPD</u> | <u>RPD CL</u> | <u>Qualifiers</u> |
|-------------------------------|----------------|-----------------|----------------|------------|---------------|-------------------|
| Benzene                       | 104            | 103             | 86-122         | 0          | 0-8           |                   |
| Carbon Tetrachloride          | 103            | 101             | 78-138         | 2          | 0-9           |                   |
| Chlorobenzene                 | 94             | 96              | 90-120         | 2          | 0-9           |                   |
| 1,2-Dibromoethane             | 106            | 102             | 70-130         | 4          | 0-30          |                   |
| 1,2-Dichlorobenzene           | 107            | 108             | 89-119         | 1          | 0-10          |                   |
| 1,1-Dichloroethene            | 96             | 96              | 52-142         | 0          | 0-23          |                   |
| Ethylbenzene                  | 104            | 107             | 70-130         | 2          | 0-30          |                   |
| Toluene                       | 103            | 103             | 85-127         | 0          | 0-12          |                   |
| Trichloroethene               | 100            | 101             | 78-126         | 1          | 0-10          |                   |
| Vinyl Chloride                | 96             | 97              | 56-140         | 1          | 0-21          |                   |
| Methyl-t-Butyl Ether (MTBE)   | 97             | 94              | 64-136         | 2          | 0-28          |                   |
| Tert-Butyl Alcohol (TBA)      | 127            | 120             | 27-183         | 6          | 0-60          |                   |
| Diisopropyl Ether (DIPE)      | 107            | 105             | 78-126         | 2          | 0-16          |                   |
| Ethyl-t-Butyl Ether (ETBE)    | 110            | 106             | 67-133         | 4          | 0-21          |                   |
| Tert-Amyl-Methyl Ether (TAME) | 109            | 105             | 63-141         | 4          | 0-21          |                   |
| Ethanol                       | 86             | 93              | 11-167         | 8          | 0-64          |                   |

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



Stratus Environmental, inc.  
 3330 Cameron Park Drive, Suite 550  
 Cameron Park, CA 95682-8861

Date Received: N/A  
 Work Order No: 08-06-1455  
 Preparation: EPA 5030B  
 Method: EPA 8015B (M)

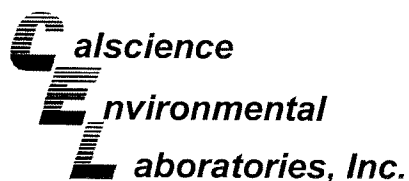
Project: ARCO 608

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-695-171            | Aqueous | GC 29      | 06/18/08      | 06/18/08      | 080617B03             |

| <u>Parameter</u>                 | <u>LCS %REC</u> | <u>LCSD %REC</u> | <u>%REC CL</u> | <u>RPD</u> | <u>RPD CL</u> | <u>Qualifiers</u> |
|----------------------------------|-----------------|------------------|----------------|------------|---------------|-------------------|
| Gasoline Range Organics (C6-C12) | 95              | 103              | 78-120         | 9          | 0-20          |                   |

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate

Stratus Environmental, inc.  
3330 Cameron Park Drive, Suite 550  
Cameron Park, CA 95682-8861

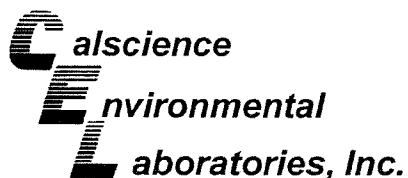
Date Received: N/A  
Work Order No: 08-06-1455  
Preparation: EPA 5030B  
Method: EPA 8260B

Project: ARCO 608

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-703-287            | Aqueous | GC/MS Z    | 06/20/08      | 06/20/08      | 080620L01             |

| Parameter                     | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|----------|-----------|---------|-----|--------|------------|
| Benzene                       | 104      | 103       | 87-117  | 1   | 0-7    |            |
| Carbon Tetrachloride          | 99       | 99        | 78-132  | 0   | 0-8    |            |
| Chlorobenzene                 | 101      | 100       | 88-118  | 1   | 0-8    |            |
| 1,2-Dibromoethane             | 100      | 105       | 80-120  | 4   | 0-20   |            |
| 1,2-Dichlorobenzene           | 108      | 110       | 88-118  | 2   | 0-8    |            |
| 1,1-Dichloroethene            | 99       | 98        | 71-131  | 0   | 0-14   |            |
| Ethylbenzene                  | 113      | 110       | 80-120  | 3   | 0-20   |            |
| Toluene                       | 102      | 103       | 85-127  | 1   | 0-7    |            |
| Trichloroethene               | 100      | 104       | 85-121  | 3   | 0-11   |            |
| Vinyl Chloride                | 95       | 95        | 64-136  | 0   | 0-10   |            |
| Methyl-t-Butyl Ether (MTBE)   | 91       | 96        | 67-133  | 5   | 0-16   |            |
| Tert-Butyl Alcohol (TBA)      | 111      | 95        | 34-154  | 15  | 0-19   |            |
| Diisopropyl Ether (DIPE)      | 102      | 107       | 80-122  | 5   | 0-8    |            |
| Ethyl-t-Butyl Ether (ETBE)    | 101      | 108       | 73-127  | 7   | 0-11   |            |
| Tert-Amyl-Methyl Ether (TAME) | 100      | 105       | 69-135  | 5   | 0-12   |            |
| Ethanol                       | 116      | 78        | 34-124  | 40  | 0-44   |            |

RPD - Relative Percent Difference, CL - Control Limit



## Glossary of Terms and Qualifiers

Work Order Number: 08-06-1455

| <u>Qualifier</u> | <u>Definition</u>   |
|------------------|---|
| *                | See applicable analysis comment.  |
| 1                | Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.  |
| 2                | Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.                              |
| 3                | Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.     |
| 4                | The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.   |
| 5                | The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required. |
| A                | Result is the average of all dilutions, as defined by the method.   |
| B                | Analyte was present in the associated method blank.   |
| C                | Analyte presence was not confirmed on primary column.   |
| E                | Concentration exceeds the calibration range.  |
| H                | Sample received and/or analyzed past the recommended holding time.  |
| J                | Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.   |
| N                | Nontarget Analyte.  |
| ND               | Parameter not detected at the indicated reporting limit.  |
| Q                | Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.   |
| U                | Undetected at the laboratory method detection limit.  |
| X                | % Recovery and/or RPD out-of-range.   |
| Z                | Analyte presence was not confirmed by second column or GC/MS analysis.  |

### Chain of Custody Record

Project Name: ARCO 608  
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > Alameda > 608  
 State or Lead Regulatory Agency: \_\_\_\_\_  
 Requested Due Date (mm/dd/yy): Std./TAT

1456

|                              |                  |
|------------------------------|------------------|
| On-site Time: <u>0530</u>    | Temp: <u>70</u>  |
| Off-site Time: <u>0800</u>   | Temp: <u>80</u>  |
| Sky Conditions: <u>Clear</u> |                  |
| Meteorological Events: _____ |                  |
| Wind Speed: _____            | Direction: _____ |

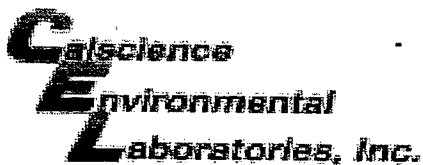
|   |   |   |
|---|---|---|
| Lab Name: <u>Cal Science</u>                      | BP/AR Facility No.: <u>608</u>  | Consultant/Contractor: <u>Stratus Environmental, Inc.</u> |
| Address: <u>7440 Lincoln Way</u>                  | BP/AR Facility Address: <u>17601 Hesperian Boulevard, San Lorenzo</u> | Address: <u>3330 Cameron Park Drive, Suite 550</u>        |
| <u>Garden Grove Ca. 92841-1427</u>                | Site Lat/Long: _____  | <u>Cameron Park, CA 95682</u>                             |
| Lab PM: <u>Linda Scharpenberg</u>                 | California Global ID No.: <u>T0600100085</u>                          | Consultant/Contractor Project No.: <u>E608-03</u>         |
| Tele/Fax: <u>714-895-5494 714-895-7401 (fax)</u>  | Enfos Project No.: <u>GOC24-0027</u>                                  | Consultant/Contractor PM: <u>Jay Johnson</u>              |
| BP/AR PM Contact: <u>Paul Supple</u>              | Provision or OOC (circle one) <u>Provision</u>                        | Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>          |
| Address: <u>2010 Crow Canyon Place, Suite 150</u> | Phase/WBS: <u>04-Monitoring</u>                                       | Report Type & QC Level: <u>Level 1 with EDF</u>           |
| <u>San Ramon, CA</u>                              | Sub Phase/Task: <u>03-Analytical</u>                                  | E-mail EDD To: <u>shayes@stratusinc.net</u>               |
| Tele/Fax: <u>925-275-3506</u>                     | Cost Element: <u>01-Contractor labor</u>                              | Invoice to: <u>Atlantic Richfield Co.</u>                 |

| Item No. | Sample Description | Time | Date | Matrix     |              |     | Laboratory No. | No. of Containers | Preservative |                                |                  |     |          | Requested Analysis |      |       |     |         | Sample Point Lat/Long and Comments |         |  |  |  |      |
|----------|--------------------|------|------|------------|--------------|-----|----------------|-------------------|--------------|--------------------------------|------------------|-----|----------|--------------------|------|-------|-----|---------|------------------------------------|---------|--|--|--|------|
|          |                    |      |      | Soil/Solid | Water/Liquid | Air |                |                   | Unpreserved  | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | Methanol | GRO                | BTEX | SOXYS | EGB | 1,2-DCA |                                    | Ethanol |  |  |  |      |
| 1        | MW-10              | 0736 | 6/13 |            | X            |     |                | 5                 |              |                                |                  |     |          |                    | X    | X     | X   | X       | X                                  | X       |  |  |  |      |
| 2        | MW-25              | 0644 | 6/13 |            | X            |     |                | 5                 |              |                                |                  |     |          |                    | X    | X     | X   | X       | X                                  | X       |  |  |  |      |
| 3        |                    |      |      |            |              |     |                |                   |              |                                |                  |     |          |                    |      |       |     |         |                                    |         |  |  |  |      |
| 4        |                    |      |      |            |              |     |                |                   |              |                                |                  |     |          |                    |      |       |     |         |                                    |         |  |  |  |      |
| 5        |                    |      |      |            |              |     |                |                   |              |                                |                  |     |          |                    |      |       |     |         |                                    |         |  |  |  |      |
| 6        |                    |      |      |            |              |     |                |                   |              |                                |                  |     |          |                    |      |       |     |         |                                    |         |  |  |  |      |
| 7        |                    |      |      |            |              |     |                |                   |              |                                |                  |     |          |                    |      |       |     |         |                                    |         |  |  |  |      |
| 8        |                    |      |      |            |              |     |                |                   |              |                                |                  |     |          |                    |      |       |     |         |                                    |         |  |  |  |      |
| 9        | TB 0608061308      | 0600 | 6/13 |            | X            |     |                | 2                 |              |                                |                  |     |          |                    |      |       |     |         |                                    |         |  |  |  | HOLD |
| 10       |                    |      |      |            |              |     |                |                   |              |                                |                  |     |          |                    |      |       |     |         |                                    |         |  |  |  |      |

|   |                               |                     |                |             |                           |            |                |             |
|---|-------------------------------|---------------------|----------------|-------------|---------------------------|------------|----------------|-------------|
| Sampler's Name: <u>Levi Ford</u>                      | Relinquished By / Affiliation |                     | Date           | Time        | Accepted By / Affiliation |            | Date           | Time        |
| Sampler's Company: <u>Stratus Environmental, Inc.</u> | <u>Levi Ford</u>              | <u>Stratus Env.</u> | <u>6/13/08</u> | <u>1200</u> | <u>Michael Miller</u>     | <u>CFL</u> | <u>6/14/08</u> | <u>9:00</u> |
| Shipment Date: <u>06/13/08</u>                        | <u>GSO</u>                    |                     |                |             |                           |            |                |             |
| Shipment Method: <u>GSO</u>                           |                               |                     |                |             |                           |            |                |             |
| Shipment Tracking No: <u>105867110</u>                |                               |                     |                |             |                           |            |                |             |

Special Instructions: Please cc results to miller@broadbentinc.com

Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: \_\_\_\_\_ °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No



WORK ORDER #: 08 - 06 - 1455

Cooler 7 of 1

SAMPLE RECEIPT FORM

CLIENT: Stratus

DATE: 6/14/08

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature (For Air & Filter only).

LABORATORY (Other than CalScience Courier):

- Temperature blank.
3.6 C IR thermometer.
Ambient temperature (For Air & Filter only).

Temperature blank.

Initial: MH

CUSTODY SEAL INTACT:

Sample(s): Cooler: / No (Not Intact): Not Present: X MH

Initial: MH

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sampler's name, Sample container label(s), Sample container(s) intact, Correct containers and volume, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: MH

COMMENTS:

Blank lines for handwritten comments.

## ATTACHMENT

### FIELD PROCEDURES FOR GROUNDWATER SAMPLING

---

The sampling procedures for groundwater monitoring events are contained in this appendix.

#### Equipment Calibration

Standard groundwater sampling equipment – pH/Conductivity/Temperature meter, and dissolved oxygen (DO) meters are calibrated prior to all field work. All calibration is conducted in accordance with equipment manufacturer's recommended procedure and buffer solutions. MSDS for all buffer solutions are maintained in Stratus vehicles. Calibration is completed everyday prior to field work and also once a week. The pH probe is calibrated for a pH of 7.0 daily and for 4.0, 7.0 and 10.0 weekly. The conductivity probe is calibrated for 1413  $\mu\text{s}$  daily and 1413  $\mu\text{s}$  and 447  $\mu\text{s}$  weekly. The temperature probe is calibrated weekly with a NIST-traceable thermometer. The DO probe is calibrated for 100% oxygen daily and 0% and 100% oxygen weekly. All calibration logs are maintained in the Stratus office.

#### Groundwater and Liquid-Phase Petroleum Hydrocarbon Depth Assessment

Prior to measuring the depth to liquid in the well, the well caps are removed and the liquid level allowed to stabilize. A water/hydrocarbon interface probe is used to assess the liquid-phase petroleum hydrocarbon (LPH) thickness, if present, and a water level indicator is used to measure the groundwater depth in monitoring wells that do not contain LPH. Depth to groundwater or LPH is measured from a datum point at the top of each monitoring well casing. The datum point is typically a notch cut in the north side of the casing edge. If a water level indicator is used, the tip is subjectively analyzed for hydrocarbon sheen.

#### Subjective Analysis of Groundwater

Prior to purging, a water sample is collected from the monitoring well for subjective assessment. The sample is retrieved by gently lowering a clean, disposable bailer to approximately one-half the bailer length past the air/liquid interface. The bailer is then retrieved, and the sample contained within the bailer is examined for floating LPH and the appearance of a LPH sheen.

#### Monitoring Well Sampling

In many cases, determining whether to purge or not to purge wells prior to sample collection is made in the field and is often based on depth to water relative to the screen interval of the well. Site-specific field data sheets present details associated with the purge method and equipment used.

Monitoring wells, when purged, use a pump or bailer until pH, temperature, and conductivity of the purge water has stabilized and a minimum of three well volumes of water has been removed. Field measuring equipment is calibrated and maintained according to the manufacturer's instructions. If three well volumes cannot be removed in one half hour's time the well is allowed to recharge to 80% of original level. After recharging, a groundwater sample is then collected from each of the wells using disposable bailers.

A Teflon bailer, electric submersible or bladder pump will be the only equipment used for well sampling. When samples for volatile organic analysis are being collected, the pump flow will be regulated at approximately 100 milliliters per minute to minimize pump effluent turbulence and aeration. Glass bottles of at least 40-milliliters volume and fitted with Teflon-lined septa will be used in sampling for volatile organics. These bottles will be filled completely to prevent air accumulation in the bottle. A positive meniscus forms when the bottle is completely full. A convex Teflon septum will be placed over the positive meniscus to eliminate air. After the bottle is capped, it is inverted and tapped to verify that it contains no air bubbles. The sample containers for other parameters will be filled, filtered as required, and capped. Glass and plastic bottles used by Stratus to collect groundwater samples are supplied by the laboratory.

### **Groundwater Sample Labeling and Preservation**

Samples are collected in appropriate containers supplied by the laboratory. All required chemical preservation is added to the bottles prior to delivery to Stratus. Sample label information includes a unique sample identification number, job identification number, date, and time. After labeling, all groundwater samples are placed in a Ziploc® type bag and placed in an ice chest cooled to approximately 4° Celsius. Upon arriving at Stratus' office the samples are transferred to a locked refrigerator cooled to approximately 4° Celsius. Chemical preservation is controlled by the required analysis and is noted on the chain-of-custody form. Trip and temperature blanks supplied by the laboratory accompany the groundwater sample containers and groundwater samples.

### **Sample Identification and Chain-of-Custody Procedures**

Sample identification and chain-of-custody procedures document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis has a label affixed to identify the job number, sampler, date and time of sample collection, and a sample number unique to that sample. This information, in addition to a description of the sample, field measurements made, sampling methodology, names of on-site personnel, and any other pertinent field observations, is recorded in the field records. The samples are analyzed by a California-certified laboratory.

A chain-of-custody form is used to record possession of the sample from time of collection to its arrival at the laboratory. When the samples are shipped, the person in custody of them relinquishes the samples by signing the chain-of-custody form and noting the time. The sample-control officer at the laboratory verifies sample integrity and confirms that the samples are collected in the proper containers, preserved correctly, and

contain adequate volumes for analysis. These conditions are noted on a Laboratory Sample Receipt Checklist that becomes part of the laboratory report upon request.

If these conditions are met, each sample is assigned a unique log number for identification throughout analysis and reporting. The log number is recorded on the chain-of-custody form and in the legally-required log book maintained by the laboratory. The sample description, date received, client's name, and other relevant information is also recorded.

### **Equipment Cleaning**

All reusable sampling equipments are cleaned using phosphate-free detergents and rinsed with de-ionized water.

**APPENDIX B**

**GEOTRACKER UPLOAD CONFIRMATIONS**



---

STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER ESI**

UPLOADING A GEO\_WELL FILE

**SUCCESS**

Processing is complete. No errors were found!  
Your file has been successfully submitted!

|                                    |   |
|------------------------------------|---|
| <b><u>Submittal Type:</u></b>      | <b>GEO_WELL</b>                         |
| <b><u>Submittal Title:</u></b>     | <b>2Q08 GEO_WELL 608</b>                |
| <b><u>Facility Global ID:</u></b>  | <b>T0600100085</b>                      |
| <b><u>Facility Name:</u></b>       | <b>ARCO #00608</b>                      |
| <b><u>File Name:</u></b>           | <b>GEO_WELL.zip</b>                     |
| <b><u>Organization Name:</u></b>   | <b>Broadbent &amp; Associates, Inc.</b> |
| <b><u>Username:</u></b>            | <b>BROADBENT-C</b>                      |
| <b><u>IP Address:</u></b>          | <b>67.118.40.90</b>                     |
| <b><u>Submittal Date/Time:</u></b> | <b>7/7/2008 10:15:23 AM</b>             |
| <b><u>Confirmation Number:</u></b> | <b>4805342733</b>                       |

STATE WATER RESOURCES CONTROL BOARD  
**GEOTRACKER ESI**

UPLOADING A EDF FILE

**SUCCESS**

Processing is complete. No errors were found!  
Your file has been successfully submitted!

|                                    |   |
|------------------------------------|---|
| <b><u>Submittal Type:</u></b>      | <b>GWM_R</b>                            |
| <b><u>Submittal Title:</u></b>     | <b>2Q08 GW Monitoring</b>               |
| <b><u>Facility Global ID:</u></b>  | <b>T0600100085</b>                      |
| <b><u>Facility Name:</u></b>       | <b>ARCO #00608</b>                      |
| <b><u>File Name:</u></b>           | <b>08061455.zip</b>                     |
| <b><u>Organization Name:</u></b>   | <b>Broadbent &amp; Associates, Inc.</b> |
| <b><u>Username:</u></b>            | <b>BROADBENT-C</b>                      |
| <b><u>IP Address:</u></b>          | <b>67.118.40.90</b>                     |
| <b><u>Submittal Date/Time:</u></b> | <b>7/7/2008 10:28:33 AM</b>             |
| <b><u>Confirmation Number:</u></b> | <b>5383786857</b>                       |