

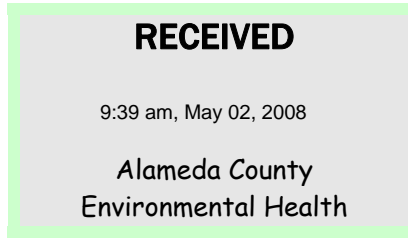


Atlantic Richfield Company  
(a BP affiliated company)

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

April 23, 2008

Re: First Quarter, 2008 Semi-Annual Ground-Water Monitoring Report  
Former Atlantic Richfield Company Station #5387  
20200 Hesperian Boulevard  
Hayward, CA  
ACEH Case No. RO0000174



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

Submitted by:

Paul Supple  
Environmental Business Manager

**First Quarter, 2008 Semi-Annual  
Ground-Water Monitoring Report**  
Former Atlantic Richfield Company Station #5387  
20200 Hesperian Boulevard  
Hayward, 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](http://www.broadbentinc.com)

April, 2008

Project No. 06-02-628

April 23, 2008

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

Attn.: Mr. Paul Supple

Re: First Quarter, 2008 Semi-Annual Ground-Water Monitoring Report, Former Atlantic Richfield Company (a BP affiliated company) Station #5387, 20200 Hesperian Boulevard, Hayward, California. ACEH Case RO0000174.

Dear Mr. Supple:

Attached is the *First Quarter, 2008 Semi-Annual Ground-Water Monitoring Report* for Atlantic Richfield Company Station #5387 (herein referred to as Station #5387) located at 20200 Hesperian Boulevard, Hayward, California (Property). This report presents a summary of First Quarter, 2008 ground-water monitoring results.

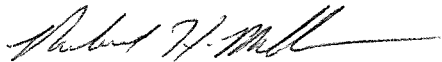
Should you have questions please do not hesitate to contact us at (530) 566-1400.

Sincerely,

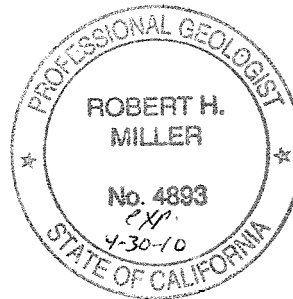
BROADBENT & ASSOCIATES, INC.



Matthew G. Herrick, P.G.  
Senior Hydrogeologist



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



Enclosures

cc: Mr. Paresh Khatri, Alameda County Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda, CA, 94502 (Submitted via ACEH ftp Site)  
Mr. Chris Panaitescu, Thrifty Oil Co., 13116 Imperial Hwy, Santa Fe Springs, CA 90670  
Mr. Jack Oman, Atlantic Richfield Company (Submitted via ENFOS)  
GeoTracker

## STATION #5387 SEMI-ANNUAL GROUND-WATER MONITORING REPORT

|   |  |
|---|--|
| Facility: #5387                               | Address: 20200 Hesperian Boulevard, Hayward, California          |
| Station #5387 Environmental Business Manager: | Mr. Paul Supple  |
| Consulting Co./Contact Persons:               | Broadbent & Associates, Inc. (BAI) / Rob Miller & Matt Herrick   |
| Primary Agency/Regulatory ID No.:             | Alameda County Environmental Health (ACEH) / ACEH Case RO0000174 |
| Consultant Project No.:                       | 06-02-628  |
| Facility Permits/Permitting Agency.:          | NA   |

### WORK PERFORMED THIS QUARTER (First Quarter, 2008):

1. Submitted Fourth Quarter, 2007 Status Report. Work completed by BAI.
2. Conducted ground-water monitoring/sampling for First Quarter, 2008. Work completed by Stratus Environmental, Inc. (Stratus).

### WORK PROPOSED FOR NEXT QUARTER (Second Quarter, 2008):

1. Submit First Quarter, 2008 Semi-Annual Ground-Water Monitoring Report (contained herein)
2. No environmental work activities are scheduled to be completed on the Property during the Second Quarter, 2008.

### QUARTERLY RESULTS SUMMARY:

|                                       |  |
|---------------------------------------|--|
| Current phase of project:             | <b>Monitoring</b>  |
| Frequency of ground-water sampling:   | <b>A-7, AR-1, AR-2 = Annual (3Q)</b><br><b>MW-1 and MW-2 = Semi-Annual (1Q and 3Q)</b> |
| Frequency of ground-water monitoring: | <b>All wells = Semi-annual (1Q and 3Q)</b>   |
| Is free product (FP) present on-site: | <b>No</b>  |
| Current remediation techniques:       | <b>NA</b>  |
| Depth to ground water (below TOC):    | <b>8.34 (MW-3) to 11.92 (A-10)</b>   |
| General ground-water flow direction:  | <b>West</b>  |
| Approximate hydraulic gradient:       | <b>0.005</b>   |

### DISCUSSION:

Gasoline range organics (GRO) were detected in MW-1 at 370 micrograms per liter ( $\mu\text{g/L}$ ). Methyl tert-butyl ether (MTBE) was detected in MW-2 at 0.62  $\mu\text{g/L}$ . Tert-butyl Alcohol (TBA) was detected in MW-2 at 14  $\mu\text{g/L}$ . No other analytes were detected in ground-water samples collected during First Quarter, 2008.

Analytes detected during First Quarter, 2008 were all within the historic minimum and maximum concentration ranges recorded for each well. Ground-water elevations measured during First Quarter, 2008 were also within historic minimum and maximum ranges for each well.

Drawing 1 depicts the ground-water elevation contour and an analytical summary map for the First Quarter, 2008. Table 1 includes a summary of ground-water monitoring data including relative water elevations and laboratory analyses. Table 2 provides a summary of fuel additives analytical data. Table 3 lists historical ground-water flow direction and gradient data.

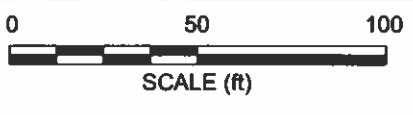
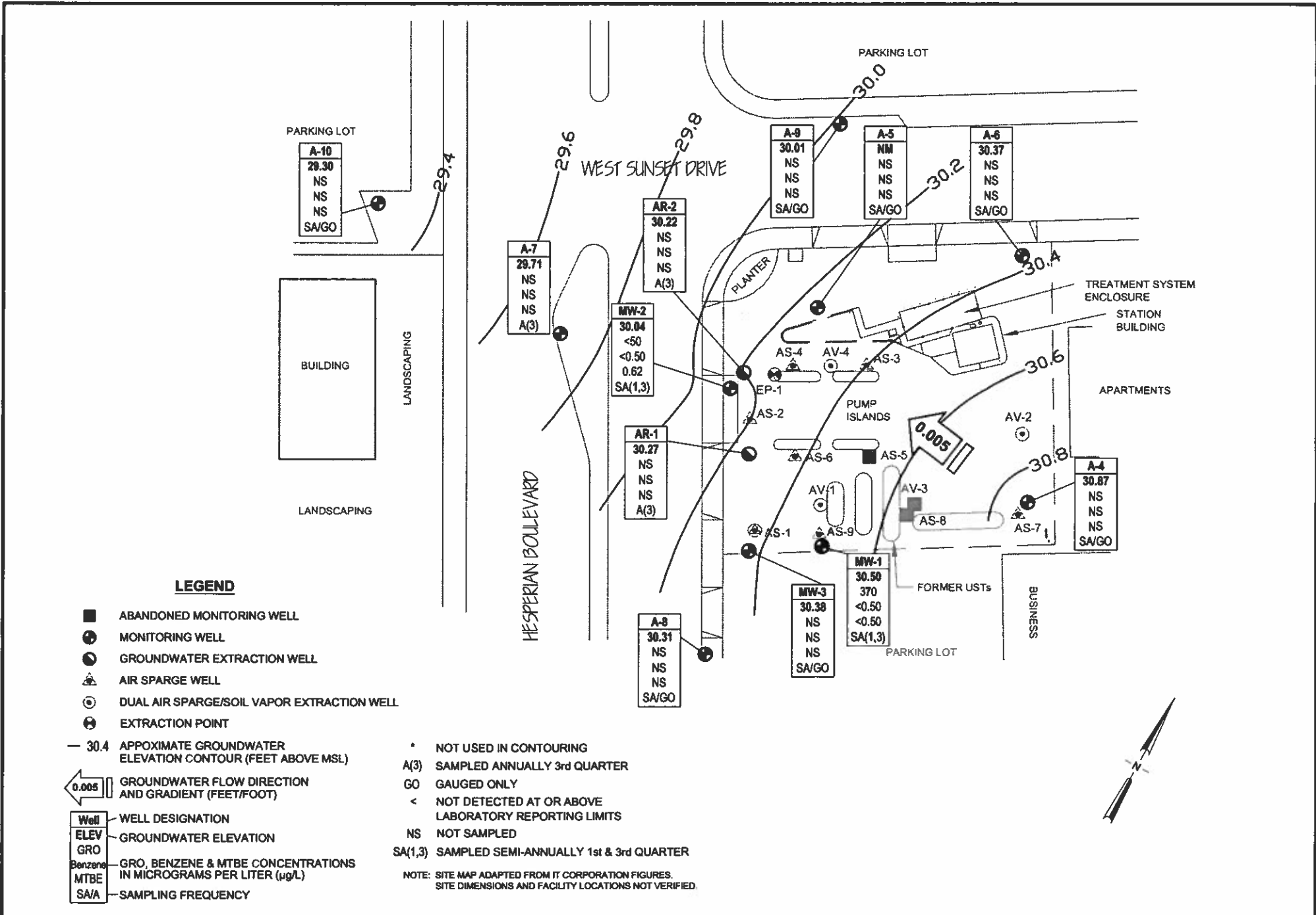
A Soil Gas Investigation Report and Closure Request was submitted to the ACEH on August 2, 2007. A response from the ACEH regarding the closure request has not been received.

**CLOSURE:**

The findings presented in this report are based upon: observations of Stratus field personnel and/or their subcontractors (see Appendix A), the points investigated, and results of laboratory tests performed by TestAmerica. 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 Elevation Contour and Analytical Summary Map, Station #5387, Hayward, CA
- Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses, Station #5387, Hayward, CA
- Table 2. Summary of Fuel Additives Analytical Data, Station #5387, Hayward, CA
- Table 3. Historical Ground-Water Flow Direction and Gradient, Station #5387, Hayward, CA
- Appendix A. Stratus Environmental, Inc. Groundwater Sampling Data Package (Includes Field Data Sheets, Non-Hazardous Waste Data Form, Certified Analytical Results, Chain of Custody Documentation, and Field Procedures for Groundwater Sampling).
- Appendix B. GeoTracker Upload Confirmation.



**BROADBENT & ASSOCIATES, INC.**  
 ENGINEERING, WATER RESOURCES & ENVIRONMENTAL  
 1324 Mangrove Ave. Suite 212, Chico, California, 95928  
 Project No.: 06-02-628 Date: 4/4/07

Former Station #5387  
 20200 Hesperian Boulevard  
 Hayward, California

Ground-Water Elevation Contour  
 and Analytical Summary Map  
 March 5, 2008

Drawing  
**1**

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

Station #5387, 20200 Hesperian Blvd., Hayward, 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 |
| A-4                  |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |      |
| 3/6/1991             | --   |          | 39.46          | 10.0                   | 35.0                      | 13.22          | 26.24                            | 34,000                   | 11,000  | 870     | 2,500         | 2,100         | --        | --  |      |
| 12/24/1991           | --   |          | 39.86          | 10.0                   | 35.0                      | 17.60          | 22.26                            | 1,900                    | 29      | 1.9     | 25            | 29            | --        | --  |      |
| 3/10/1992            | --   |          | 39.86          | 10.0                   | 35.0                      | 14.76          | 25.10                            | 7,400                    | 37      | <0.60   | 11            | 73            | --        | --  |      |
| 6/9/1992             | --   |          | 39.86          | 10.0                   | 35.0                      | 15.63          | 24.23                            | 4,500                    | 3.2     | 1.5     | 37            | 16            | --        | --  |      |
| 9/14/1992            | --   |          | 39.86          | 10.0                   | 35.0                      | 16.83          | 23.03                            | 1,300                    | <2.5    | 2.5     | 61            | 6.8           | --        | --  |      |
| 11/12/1992           | --   |          | 39.86          | 10.0                   | 35.0                      | 16.97          | 22.89                            | 610                      | 7.2     | 0.98    | 34            | 0.97          | --        | --  |      |
| 2/11/1993            | --   |          | 39.86          | 10.0                   | 35.0                      | 13.43          | 26.43                            | 740                      | 2.4     | <0.5    | 5             | 3.5           | --        | --  |      |
| 4/14/1993            | --   |          | 39.86          | 10.0                   | 35.0                      | 13.06          | 26.80                            | 380                      | <0.5    | <0.5    | 10            | 1.6           | --        | --  |      |
| 8/12/1993            | --   |          | 39.86          | 10.0                   | 35.0                      | 14.94          | 24.92                            | 1,200                    | 0.93    | <0.5    | 0.91          | <0.5          | --        | --  |      |
| 10/26/1993           | --   |          | 39.86          | 10.0                   | 35.0                      | 15.52          | 24.34                            | 160                      | <0.5    | <0.5    | 1             | <0.5          | --        | --  |      |
| 2/17/1994            | --   |          | 39.46          | 10.0                   | 35.0                      | 14.02          | 25.44                            | 320                      | 0.5     | <0.5    | 28            | 0.9           | --        | --  |      |
| 5/3/1994             | --   |          | 39.46          | 10.0                   | 35.0                      | 13.85          | 25.61                            | 130                      | <0.5    | <0.5    | 1.1           | <0.5          | --        | --  |      |
| 8/17/1994            | --   |          | 39.53          | 10.0                   | 35.0                      | 14.95          | 24.58                            | 62                       | 34.58   | <0.5    | <0.5          | <0.5          | --        | --  |      |
| 11/18/1994           | --   |          | 39.53          | 10.0                   | 35.0                      | 14.46          | 25.07                            | 98                       | 1.3     | 0.6     | <0.5          | <0.5          | --        | --  |      |
| 12/6/1995            | --   |          | 39.53          | 10.0                   | 35.0                      | 13.82          | 25.71                            | --                       | 0.6     | --      | --            | --            | --        | --  |      |
| 2/14/1996            | --   |          | 39.53          | 10.0                   | 35.0                      | 11.24          | 28.29                            | --                       | --      | 2.3     | --            | 0.71          | --        | --  |      |
| 10/29/1996           | --   |          | 39.53          | 10.0                   | 35.0                      | 13.50          | 26.03                            | 140                      | --      | --      | --            | --            | --        | --  |      |
| 1/29/1997            | --   |          | 39.53          | 10.0                   | 35.0                      | 12.65          | 26.88                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 4/30/1997            | --   |          | 39.53          | 10.0                   | 35.0                      | 13.97          | 25.56                            | <20                      | <0.3    | <0.3    | <0.3          | <0.5          | <50       | --  |      |
| 7/31/1997            | --   |          | 39.53          | 10.0                   | 35.0                      | 12.70          | 26.83                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 10/22/1997           | --   |          | 39.53          | 10.0                   | 35.0                      | 13.95          | 25.58                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 1/28/1998            | --   |          | 39.53          | 10.0                   | 35.0                      | 11.90          | 27.63                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 4/22/1998            | --   |          | 39.53          | 10.0                   | 35.0                      | 13.92          | 25.61                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 7/8/1998             | --   |          | 39.53          | 10.0                   | 35.0                      | 10.80          | 28.73                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  |      |
| 10/22/1998           | --   |          | 39.53          | 10.0                   | 35.0                      | 12.60          | 26.93                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  |      |
| 1/13/1999            | --   |          | 39.53          | 10.0                   | 35.0                      | 12.60          | 26.93                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 4/29/1999            | --   |          | 39.53          | 10.0                   | 35.0                      | 12.61          | 26.92                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  |      |
| 1/15/2002            | --   |          | 39.53          | 10.0                   | 35.0                      | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | 6.2       | --  |      |
| 4/24/2002            | --   | j        | 39.53          | 10.0                   | 35.0                      | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | --  |      |
| 09/23/2002           | --   | a        | 39.53          | 10.0                   | 35.0                      | --             | --                               | --                       | --      | --      | --            | --            | --        | --  |      |
| 12/9/2002            | P    |          | 39.53          | 10.0                   | 35.0                      | 13.36          | 26.17                            | <50.0                    | <0.500  | <0.500  | <0.500        | <1.00         | <5.00     | 2.4 | 6.6  |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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>A-4 Cont.</b>     |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |      |
| 2/11/2003            | P    | e        | 39.53          | 10.0                   | 35.0                      | 11.82          | 27.71                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.53      | 1.8 | 6.6  |
| 6/27/2003            | --   |          | 39.53          | 10.0                   | 35.0                      | 12.12          | 27.41                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 1.2 | 6.7  |
| 09/04/2003           | --   | a        | 39.53          | 10.0                   | 35.0                      | --             | --                               | --                       | --      | --      | --            | --            | --        | --  | --   |
| 11/17/2003           | --   | m        | 39.53          | 10.0                   | 35.0                      | 15.09          | 24.44                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 03/01/2004           | P    | i        | 42.26          | 10.0                   | 35.0                      | 10.95          | 31.31                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 1.2 | 6.7  |
| 06/02/2004           | --   | m        | 42.26          | 10.0                   | 35.0                      | 12.34          | 29.92                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 09/16/2004           | P    |          | 42.26          | 10.0                   | 35.0                      | 13.19          | 29.07                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 0.7 | 6.7  |
| 12/07/2004           | --   | m        | 42.26          | 10.0                   | 35.0                      | 13.00          | 29.26                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 03/02/2005           | P    |          | 42.26          | 10.0                   | 35.0                      | 10.66          | 31.60                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 0.9 | 6.7  |
| 06/20/2005           | --   | m        | 42.26          | 10.0                   | 35.0                      | 11.42          | 30.84                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 09/06/2005           | P    |          | 42.26          | 10.0                   | 35.0                      | 12.30          | 29.96                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | <0.50     | 0.1 | 6.7  |
| 03/07/2006           | --   |          | 42.26          | 10.0                   | 35.0                      | 10.78          | 31.48                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 9/7/2006             | --   |          | 42.26          | 10.0                   | 35.0                      | 11.65          | 30.61                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 3/6/2007             | --   |          | 42.26          | 10.0                   | 35.0                      | 11.18          | 31.08                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 9/5/2007             | --   |          | 42.26          | 10.0                   | 35.0                      | 12.65          | 29.61                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 3/5/2008             | --   |          | 42.26          | 10.0                   | 35.0                      | 11.37          | 30.89                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| <b>A-5</b>           |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |      |
| 12/24/1991           | --   |          | 38.94          | 10                     | 30.00                     | 16.85          | 22.09                            | 1,600                    | 21      | <0.30   | 32            | 52            | --        | --  | --   |
| 3/10/1992            | --   |          | 38.94          | 10                     | 30.00                     | 13.83          | 25.11                            | 1,000                    | 1.6     | <0.30   | 43            | 100           | --        | --  | --   |
| 6/9/1992             | --   |          | 38.94          | 10                     | 30.00                     | 14.91          | 24.03                            | 680                      | 34      | <1.5    | 14            | 16            | --        | --  | --   |
| 9/14/1992            | --   |          | 38.94          | 10                     | 30.00                     | 16.14          | 22.80                            | 770                      | 12      | <0.30   | 51            | 65            | --        | --  | --   |
| 11/12/1992           | --   |          | 38.94          | 10                     | 30.00                     | 16.35          | 22.59                            | 520                      | 3       | <2.5    | 29            | 36            | --        | --  | --   |
| 2/11/1993            | --   |          | 38.94          | 10                     | 30.00                     | 13.21          | 25.73                            | 150                      | 1.6     | 0.96    | 5.1           | 1.5           | --        | --  | --   |
| 4/14/1993            | --   |          | 38.94          | 10                     | 30.00                     | 12.97          | 25.97                            | 190                      | 5.4     | <0.5    | 1.5           | 0.97          | --        | --  | --   |
| 8/12/1993            | --   |          | 38.94          | 10                     | 30.00                     | 14.12          | 24.82                            | 230                      | 1.7     | <0.5    | 5.3           | 0.94          | --        | --  | --   |
| 10/26/1993           | --   |          | 38.94          | 10                     | 30.00                     | 14.72          | 24.22                            | 190                      | 2.8     | <0.5    | 5.5           | 2             | --        | --  | --   |
| 2/17/1994            | --   |          | 38.47          | 10                     | 30.00                     | 13.20          | 25.27                            | 340                      | <0.5    | <0.5    | 13            | 2.9           | --        | --  | --   |
| 5/3/1994             | --   |          | 38.47          | 10                     | 30.00                     | 13.08          | 25.39                            | 170                      | 1.4     | <0.5    | 4             | 1.9           | --        | --  | --   |
| 8/17/1994            | --   |          | 38.54          | 10                     | 30.00                     | 14.18          | 24.36                            | 270                      | 0.6     | <0.5    | 7.3           | 1.1           | --        | --  | --   |
| 11/18/1994           | --   |          | 38.54          | 10                     | 30.00                     | 13.73          | 24.81                            | 338                      | --      | <0.5    | 4.6           | <0.5          | --        | --  | --   |



**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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 |
| A-5 Cont.            |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |      |
| 9/26/1995            | --   |          | 38.47          | 10                     | 30.00                     | 12.44          | 26.03                            | --                       | 0.63    | 1.1     | --            | 1.2           | --        | --  |      |
| 12/6/1995            | --   |          | 38.47          | 10                     | 30.00                     | 12.92          | 25.55                            | --                       | --      | --      | --            | --            | --        | --  |      |
| 2/14/1996            | --   |          | 38.47          | 10                     | 30.00                     | 10.76          | 27.71                            | --                       | --      | 2       | --            | 1.1           | --        | --  |      |
| 10/29/1996           | --   |          | 38.47          | 10                     | 30.00                     | 12.35          | 26.12                            | --                       | --      | --      | --            | --            | --        | --  |      |
| 1/29/1997            | --   |          | 38.47          | 10                     | 30.00                     | 10.85          | 27.62                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 4/30/1997            | --   |          | 38.47          | 10                     | 30.00                     | 13.56          | 24.91                            | <20                      | <0.3    | <0.3    | <0.3          | <0.5          | <50       | --  |      |
| 7/31/1997            | --   |          | 38.47          | 10                     | 30.00                     | 11.80          | 26.67                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 10/22/1997           | --   |          | 38.47          | 10                     | 30.00                     | 12.20          | 26.27                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 1/28/1998            | --   |          | 38.47          | 10                     | 30.00                     | 10.12          | 28.35                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 4/22/1998            | --   |          | 38.47          | 10                     | 30.00                     | 13.50          | 24.97                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |      |
| 7/8/1998             | --   |          | 38.47          | 10                     | 30.00                     | 10.20          | 28.27                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  |      |
| 10/22/1998           | --   |          | 38.47          | 10                     | 30.00                     | 11.50          | 26.97                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  |      |
| 1/13/1999            | --   |          | 38.47          | 10                     | 30.00                     | 10.15          | 28.32                            | <50                      | 0.32    | 0.38    | <0.3          | <0.5          | <20       | --  |      |
| 4/29/1999            | --   |          | 38.47          | 10                     | 30.00                     | 11.50          | 26.97                            | <50                      | <0.3    | <0.3    | <0.3          | 0.58          | <5        | --  |      |
| 1/15/2002            | --   |          | 38.47          | 10                     | 30.00                     | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | 5         | --  |      |
| 4/24/2002            | --   | j        | 38.47          | 10                     | 30.00                     | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.2       | --  |      |
| 9/23/2002            | P    |          | 38.47          | 10                     | 30.00                     | 12.55          | 25.92                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | 1.3       | 1.0 | 6.7  |
| 12/9/2002            | P    |          | 38.47          | 10                     | 30.00                     | 12.60          | 25.87                            | <50                      | <0.50   | <0.50   | <0.50         | <1.0          | <5.00     | 1.9 | 6.6  |
| 2/11/2003            | P    | e        | 38.47          | 10                     | 30.00                     | 11.37          | 27.10                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.97      | 1.2 | 6.7  |
| 6/27/2003            | --   |          | 38.47          | 10                     | 30.00                     | 11.55          | 26.92                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.98      | 1.5 | 6.8  |
| 9/4/2003             | --   |          | 38.47          | 10                     | 30.00                     | 12.21          | 26.26                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.5       | 3.1 | 7    |
| 11/17/2003           | --   | m        | 38.94          | 10                     | 30.00                     | 12.37          | 26.57                            | --                       | --      | --      | --            | --            | --        | --  |      |
| 03/01/2004           | P    | i        | 41.00          | 10                     | 30.00                     | 10.90          | 30.10                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.77      | 3.2 | 6.7  |
| 06/02/2004           | --   | m        | 41.00          | 10                     | 30.00                     | 11.70          | 29.30                            | --                       | --      | --      | --            | --            | --        | --  |      |
| 09/16/2004           | P    |          | 41.00          | 10                     | 30.00                     | 12.40          | 28.60                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.50      | 0.2 | 6.8  |
| 12/07/2004           | --   | m        | 41.00          | 10                     | 30.00                     | 12.40          | 28.60                            | --                       | --      | --      | --            | --            | --        | --  |      |
| 03/02/2005           | P    |          | 41.00          | 10                     | 30.00                     | 10.54          | 30.46                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 3.6 | 6.6  |
| 06/20/2005           | --   | m        | 41.00          | 10                     | 30.00                     | 10.92          | 30.08                            | --                       | --      | --      | --            | --            | --        | --  |      |
| 09/06/2005           | P    |          | 41.00          | 10                     | 30.00                     | 11.67          | 29.33                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | 0.61      | 0.2 | 6.7  |
| 03/07/2006           | --   |          | 41.00          | 10                     | 30.00                     | 10.43          | 30.57                            | --                       | --      | --      | --            | --            | --        | --  |      |
| 9/7/2006             | --   |          | 41.00          | 10                     | 30.00                     | 11.14          | 29.86                            | --                       | --      | --      | --            | --            | --        | --  |      |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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 |           |    |
| <b>A-5 Cont.</b>     |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |    |
| 3/6/2007             | --   | a        | 41.00          | 10                     | 30.00                     | --             | --                               | --                       | --      | --      | --            | --            | --        | -- |
| 9/5/2007             | --   |          | 41.00          | 10                     | 30.00                     | 12.07          | 28.93                            | --                       | --      | --      | --            | --            | --        | -- |
| 3/5/2008             | --   | a        | 41.00          | 10                     | 30.00                     | --             | --                               | --                       | --      | --      | --            | --            | --        | -- |
| <b>A-6</b>           |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |    |
| 12/24/1991           | --   |          | 39.07          | 5.0                    | 30.0                      | 16.88          | 22.19                            | <30                      | <0.3    | <0.3    | <0.3          | <0.3          | --        | -- |
| 3/10/1992            | --   |          | 39.07          | 5.0                    | 30.0                      | 13.73          | 25.34                            | <30                      | <0.3    | <0.3    | <0.3          | <0.3          | --        | -- |
| 6/9/1992             | --   |          | 39.07          | 5.0                    | 30.0                      | 14.95          | 24.12                            | <30                      | <0.3    | <0.3    | <0.3          | <0.3          | --        | -- |
| 9/14/1992            | --   |          | 39.07          | 5.0                    | 30.0                      | 16.20          | 22.87                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 11/12/1992           | --   |          | 39.07          | 5.0                    | 30.0                      | 16.35          | 22.72                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 2/11/1993            | --   |          | 39.07          | 5.0                    | 30.0                      | 13.04          | 26.03                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 4/14/1993            | --   |          | 39.07          | 5.0                    | 30.0                      | 12.23          | 26.84                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 8/12/1993            | --   |          | 39.07          | 5.0                    | 30.0                      | 14.18          | 24.89                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 10/26/1993           | --   |          | 39.07          | 5.0                    | 30.0                      | 14.85          | 24.22                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 5/3/1994             | --   |          | 39.07          | 5.0                    | 30.0                      | 13.66          | 25.41                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 8/17/1994            | --   |          | 38.78          | 5.0                    | 30.0                      | 14.34          | 24.44                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 11/18/1994           | --   |          | 38.78          | 5.0                    | 30.0                      | 13.76          | 25.02                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 9/26/1995            | --   |          | 38.78          | 5.0                    | 30.0                      | 12.56          | 26.22                            | --                       | --      | --      | --            | --            | --        | -- |
| 12/6/1995            | --   |          | 38.78          | 5.0                    | 30.0                      | 13.18          | 25.60                            | --                       | --      | --      | --            | --            | --        | -- |
| 2/14/1996            | --   |          | 38.78          | 5.0                    | 30.0                      | 12.46          | 26.32                            | --                       | --      | --      | --            | --            | --        | -- |
| 10/29/1996           | --   |          | 38.78          | 5.0                    | 30.0                      | 12.40          | 26.38                            | 50                       | --      | --      | --            | --            | --        | -- |
| 1/29/1997            | --   |          | 38.78          | 5.0                    | 30.0                      | 13.85          | 24.93                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | -- |
| 4/30/1997            | --   |          | 38.78          | 5.0                    | 30.0                      | 12.49          | 26.29                            | <20                      | <0.3    | <0.3    | <0.3          | <0.5          | <50       | -- |
| 7/31/1997            | --   |          | 38.78          | 5.0                    | 30.0                      | 12.10          | 26.68                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | -- |
| 10/22/1997           | --   |          | 38.78          | 5.0                    | 30.0                      | 15.20          | 23.58                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | -- |
| 1/28/1998            | --   |          | 38.78          | 5.0                    | 30.0                      | 13.80          | 24.98                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | -- |
| 4/22/1998            | --   |          | 38.78          | 5.0                    | 30.0                      | 12.45          | 26.33                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | -- |
| 7/8/1998             | --   |          | 38.78          | 5.0                    | 30.0                      | 10.30          | 28.48                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | -- |
| 10/22/1998           | --   |          | 38.78          | 5.0                    | 30.0                      | 11.10          | 27.68                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | -- |
| 1/13/1999            | --   |          | 38.78          | 5.0                    | 30.0                      | 10.40          | 28.38                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | -- |
| 4/29/1999            | --   |          | 38.78          | 5.0                    | 30.0                      | 13.80          | 24.98                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | -- |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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>A-6 Cont.</b>     |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |      |
| 1/15/2002            | --   |          | 38.78          | 5.0                    | 30.0                      | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | 5.7       | --  | --   |
| 4/24/2002            | --   | j        | 38.78          | 5.0                    | 30.0                      | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | --  | --   |
| 9/23/2002            | P    |          | 38.78          | 5.0                    | 30.0                      | 12.61          | 26.17                            | <50                      | <0.500  | <0.500  | <0.500        | <1.50         | <0.500    | 1.4 | 6.8  |
| 12/9/2002            | P    |          | 38.78          | 5.0                    | 30.0                      | 12.67          | 26.11                            | <50                      | <0.500  | <0.500  | <0.500        | <1.00         | <5.00     | 2.6 | 6.7  |
| 2/11/2003            | P    | e        | 38.78          | 5.0                    | 30.0                      | 11.21          | 27.57                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 2.0 | 6.7  |
| 6/27/2003            | --   |          | 38.78          | 5.0                    | 30.0                      | 11.60          | 27.18                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 5.0 | 6.9  |
| 9/4/2003             | --   |          | 38.78          | 5.0                    | 30.0                      | 12.29          | 26.49                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 2.8 | 6.9  |
| 11/17/2003           | --   |          | 38.78          | 5.0                    | 30.0                      | 12.44          | 26.34                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 03/01/2004           | --   | i, n     | 41.25          | 5.0                    | 30.0                      | 10.45          | 30.80                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 06/02/2004           | --   | n        | 41.25          | 5.0                    | 30.0                      | 11.75          | 29.50                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 09/16/2004           | P    |          | 41.25          | 5.0                    | 30.0                      | 12.56          | 28.69                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 1.8 | 6.8  |
| 12/07/2004           | --   | n        | 41.25          | 5.0                    | 30.0                      | 12.35          | 28.90                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 03/02/2005           | --   | n        | 41.25          | 5.0                    | 30.0                      | 10.34          | 30.91                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 06/20/2005           | --   | n        | 41.25          | 5.0                    | 30.0                      | 10.90          | 30.35                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 09/06/2005           | P    |          | 41.25          | 5.0                    | 30.0                      | 11.70          | 29.55                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | <0.50     | 0.2 | 6.8  |
| 03/07/2006           | --   |          | 41.25          | 5.0                    | 30.0                      | 10.39          | 30.86                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 9/7/2006             | --   |          | 41.25          | 5.0                    | 30.0                      | 11.18          | 30.07                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 3/6/2007             | --   |          | 41.25          | 5.0                    | 30.0                      | 10.72          | 30.53                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 9/5/2007             | --   |          | 41.25          | 5.0                    | 30.0                      | 12.13          | 29.12                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 3/5/2008             | --   |          | 41.25          | 5.0                    | 30.0                      | 10.88          | 30.37                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| <b>A-7</b>           |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |      |
| 12/24/1991           | --   |          | 39.95          | 10.00                  | 35.00                     | 18.11          | 21.84                            | 10,000                   | 88      | 16      | 170           | 610           | --        | --  | --   |
| 3/10/1992            | --   |          | 39.95          | 10.00                  | 35.00                     | 15.30          | 24.65                            | 320                      | 9.3     | 0.54    | 8.8           | 34            | --        | --  | --   |
| 6/9/1992             | --   |          | 39.95          | 10.00                  | 35.00                     | 16.12          | 23.83                            | 340                      | 11      | 1.1     | 8.9           | 26            | --        | --  | --   |
| 9/14/1992            | --   |          | 39.95          | 10.00                  | 35.00                     | 17.35          | 22.60                            | 510                      | 12      | <2.0    | 30            | 51            | --        | --  | --   |
| 11/12/1992           | --   |          | 39.95          | 10.00                  | 35.00                     | 17.47          | 22.48                            | 760                      | 17      | 0.83    | 50            | 73            | --        | --  | --   |
| 2/11/1993            | --   |          | 39.95          | 10.00                  | 35.00                     | 13.80          | 26.15                            | 260                      | 20      | 1       | 11            | 21            | --        | --  | --   |
| 4/14/1993            | --   |          | 39.95          | 10.00                  | 35.00                     | 13.60          | 26.35                            | 1,300                    | 89      | 2.1     | 48            | 87            | --        | --  | --   |
| 8/12/1993            | --   |          | 39.95          | 10.00                  | 35.00                     | 15.54          | 24.41                            | 360                      | 9       | <0.50   | 13            | 9             | --        | --  | --   |
| 10/26/1993           | --   |          | 39.95          | 10.00                  | 35.00                     | 16.28          | 23.67                            | 99                       | 1.7     | <0.50   | 4             | 3             | --        | --  | --   |

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

**Station #5387, 20200 Hesperian Blvd., Hayward, 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 |           |     |
| A-7 Cont.            |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |
| 2/17/1994            | --   |          | 39.38          | 10.00                  | 35.00                     | 14.44          | 24.94                            | 1,300                    | 38      | <1      | 35            | 25            | --        | --  |
| 5/3/1994             | --   |          | 39.38          | 10.00                  | 35.00                     | 14.34          | 25.04                            | 330                      | 8.1     | <0.5    | 7.8           | 3.7           | --        | --  |
| 8/17/1994            | --   |          | 39.45          | 10.00                  | 35.00                     | 15.40          | 24.05                            | 350                      | 2.2     | <0.5    | 9.6           | 3.6           | --        | --  |
| 11/18/1994           | --   |          | 39.45          | 10.00                  | 35.00                     | 14.95          | 24.50                            | 412                      | 1.3     | <0.5    | 6.2           | 2             | --        | --  |
| 9/26/1995            | --   |          | 39.38          | 10.00                  | 35.00                     | 13.92          | 25.46                            | --                       | --      | --      | --            | --            | --        | --  |
| 12/6/1995            | --   |          | 39.38          | 10.00                  | 35.00                     | 14.42          | 24.96                            | --                       | --      | --      | --            | --            | --        | --  |
| 2/14/1996            | --   |          | 39.38          | 10.00                  | 35.00                     | 12.38          | 27.00                            | --                       | --      | 1.1     | --            | 0.59          | --        | --  |
| 10/29/1996           | --   |          | 39.38          | 10.00                  | 35.00                     | 12.33          | 27.05                            | --                       | --      | --      | --            | --            | --        | --  |
| 1/29/1997            | --   |          | 39.38          | 10.00                  | 35.00                     | 13.10          | 26.28                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |
| 4/30/1997            | --   |          | 39.38          | 10.00                  | 35.00                     | 11.70          | 27.68                            | <20                      | <0.3    | <0.3    | <0.3          | <0.5          | <50       | --  |
| 7/31/1997            | --   |          | 39.38          | 10.00                  | 35.00                     | 13.25          | 26.13                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |
| 10/22/1997           | --   |          | 39.38          | 10.00                  | 35.00                     | 14.42          | 24.96                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |
| 1/28/1998            | --   |          | 39.38          | 10.00                  | 35.00                     | 13.00          | 26.38                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |
| 4/22/1998            | --   |          | 39.38          | 10.00                  | 35.00                     | 11.65          | 27.73                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |
| 7/8/1998             | --   |          | 39.38          | 10.00                  | 35.00                     | 11.20          | 28.18                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  |
| 10/22/1998           | --   |          | 39.38          | 10.00                  | 35.00                     | 13.75          | 25.63                            | 51                       | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  |
| 1/13/1999            | --   |          | 39.38          | 10.00                  | 35.00                     | 14.45          | 24.93                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  |
| 4/29/1999            | --   |          | 39.38          | 10.00                  | 35.00                     | 13.74          | 25.64                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  |
| 1/15/2002            | --   |          | 39.38          | 10.00                  | 35.00                     | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | 4.8       | --  |
| 4/24/2002            | --   | j        | 39.38          | 10.00                  | 35.00                     | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 7.2       | --  |
| 9/23/2002            | P    |          | 39.38          | 10.00                  | 35.00                     | 13.78          | 25.60                            | <50.0                    | <0.500  | <0.500  | <0.500        | <1.50         | 3.48      | 0.8 |
| 12/9/2002            | P    |          | 39.38          | 10.00                  | 35.00                     | 13.97          | 25.41                            | <50.0                    | <0.500  | <0.500  | <0.500        | <1.00         | <5.00     | 2.2 |
| 2/11/2003            | P    | e        | 39.38          | 10.00                  | 35.00                     | 12.35          | 27.03                            | 54                       | <0.50   | <0.50   | <0.50         | <0.50         | 21        | 1.7 |
| 6/27/2003            | --   |          | 39.38          | 10.00                  | 35.00                     | 12.95          | 26.43                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 9.4       | 1.3 |
| 9/4/2003             | --   |          | 39.38          | 10.00                  | 35.00                     | 13.59          | 25.79                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 3.4       | 2.6 |
| 11/17/2003           | P    |          | 39.38          | 10.00                  | 35.00                     | 13.84          | 25.54                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.4       | 3.5 |
| 03/01/2004           | P    | i        | 41.94          | 10.00                  | 35.00                     | 12.65          | 29.29                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.1       | 3.5 |
| 06/02/2004           | P    |          | 41.94          | 10.00                  | 35.00                     | 13.08          | 28.86                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.92      | 1.3 |
| 09/16/2004           | P    |          | 41.94          | 10.00                  | 35.00                     | 13.89          | 28.05                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.0       | 0.7 |
| 12/07/2004           | P    |          | 41.94          | 10.00                  | 35.00                     | 13.77          | 28.17                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.8       | 0.8 |
| 03/02/2005           | P    |          | 41.94          | 10.00                  | 35.00                     | 12.35          | 29.59                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.4       | 3.1 |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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>A-7 Cont.</b>     |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 06/20/2005           | P    |          | 41.94          | 10.00                  | 35.00                     | 12.30          | 29.64                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 6.0       | 0.12 | 6.8  |
| 09/06/2005           | P    |          | 41.94          | 10.00                  | 35.00                     | 13.10          | 28.84                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | <0.50     | 0.1  | 6.7  |
| 03/07/2006           | --   |          | 41.94          | 10.00                  | 35.00                     | 11.83          | 30.11                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 9/7/2006             | P    |          | 41.94          | 10.00                  | 35.00                     | 12.64          | 29.30                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.80      | 1.31 | 6.7  |
| 3/6/2007             | --   |          | 41.94          | 10.00                  | 35.00                     | 12.12          | 29.82                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 9/5/2007             | NP   |          | 41.94          | 10.00                  | 35.00                     | 13.44          | 28.50                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 1.31 | 7.37 |
| 3/5/2008             | --   |          | 41.94          | 10.00                  | 35.00                     | 12.23          | 29.71                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| <b>A-8</b>           |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 9/14/1992            | --   |          | 37.23          | 10.00                  | 35.00                     | 14.19          | 23.04                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --   | --   |
| 11/12/1992           | --   |          | 37.23          | 10.00                  | 35.00                     | 14.35          | 22.88                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --   | --   |
| 2/11/1993            | --   |          | 37.23          | 10.00                  | 35.00                     | 11.25          | 25.98                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --   | --   |
| 4/14/1993            | --   |          | 37.23          | 10.00                  | 35.00                     | 12.33          | 24.90                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --   | --   |
| 8/12/1993            | --   |          | 37.23          | 10.00                  | 35.00                     | 12.41          | 24.82                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --   | --   |
| 10/26/1993           | --   |          | 37.23          | 10.00                  | 35.00                     | 13.02          | 24.21                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --   | --   |
| 2/17/1994            | --   |          | 36.76          | 10.00                  | 35.00                     | 11.47          | 25.29                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --   | --   |
| 5/3/1994             | --   |          | 36.76          | 10.00                  | 35.00                     | 11.35          | 25.41                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --   | --   |
| 8/17/1994            | --   |          | 36.84          | 10.00                  | 35.00                     | 12.34          | 24.50                            | <50                      | <0.5    | 1.7     | <0.5          | 1.4           | --        | --   | --   |
| 11/18/1994           | --   |          | 36.84          | 10.00                  | 35.00                     | 11.90          | 24.94                            | <50                      | 1       | <0.5    | <0.5          | <0.5          | --        | --   | --   |
| 9/26/1995            | --   |          | 36.76          | 10.00                  | 35.00                     | 10.94          | 25.82                            | <50                      | --      | --      | --            | --            | --        | --   | --   |
| 12/6/1995            | --   |          | 36.76          | 10.00                  | 35.00                     | 11.42          | 25.34                            | <50                      | --      | --      | --            | --            | --        | --   | --   |
| 2/14/1996            | --   |          | 36.76          | 10.00                  | 35.00                     | 8.80           | 27.96                            | <50                      | --      | 0.48    | --            | --            | --        | --   | --   |
| 10/29/1996           | --   |          | 36.76          | 10.00                  | 35.00                     | 11.30          | 25.46                            | <50                      | --      | --      | --            | --            | --        | --   | --   |
| 1/29/1997            | --   |          | 36.76          | 10.00                  | 35.00                     | 7.60           | 29.16                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 4/30/1997            | --   |          | 36.76          | 10.00                  | 35.00                     | 10.54          | 26.22                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <50       | --   | --   |
| 7/31/1997            | --   |          | 36.76          | 10.00                  | 35.00                     | 11.20          | 25.56                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 10/22/1997           | --   |          | 36.76          | 10.00                  | 35.00                     | 12.14          | 24.62                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 1/28/1998            | --   |          | 36.76          | 10.00                  | 35.00                     | 4.43           | 32.33                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 4/22/1998            | --   |          | 36.76          | 10.00                  | 35.00                     | 10.55          | 26.21                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 7/8/1998             | --   |          | 36.76          | 10.00                  | 35.00                     | 9.07           | 27.69                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --   | --   |
| 10/22/1998           | --   |          | 36.76          | 10.00                  | 35.00                     | 12.12          | 24.64                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --   | --   |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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>A-8 Cont.</b>     |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |        |           |     |
| 1/13/1999            | --   |          | 36.76          | 10.00                  | 35.00                     | 9.60           | 27.16                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20    | --        | --  |
| 4/29/1999            | --   |          | 36.76          | 10.00                  | 35.00                     | 9.08           | 27.68                            | <50                      | <0.3    | <0.3    | <0.3          | 1.5           | <5     | --        | --  |
| 1/15/2002            | --   |          | 36.76          | 10.00                  | 35.00                     | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | 5.6    | --        | --  |
| 4/24/2002            | --   | j        | 36.76          | 10.00                  | 35.00                     | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | --        | --  |
| 9/23/2002            | P    |          | 36.76          | 10.00                  | 35.00                     | 10.75          | 26.01                            | <50                      | <0.500  | <0.500  | <0.500        | <1.50         | <0.500 | 1.0       | 6.8 |
| 12/9/2002            | P    |          | 36.76          | 10.00                  | 35.00                     | 10.81          | 25.95                            | <50                      | <0.500  | <0.500  | <0.500        | <1.00         | <5.00  | 2.1       | 6.6 |
| 2/11/2003            | P    | e        | 36.76          | 10.00                  | 35.00                     | 9.90           | 26.86                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 1.4       | 6.5 |
| 6/27/2003            | --   |          | 36.76          | 10.00                  | 35.00                     | 9.73           | 27.03                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 2.0       | 6.8 |
| 9/4/2003             | --   |          | 36.76          | 10.00                  | 35.00                     | 10.32          | 26.44                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 3.1       | 6.9 |
| 11/17/2003           | --   | m        | 36.76          | 10.00                  | 35.00                     | 10.55          | 26.21                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 03/01/2004           | P    | i        | 39.29          | 10.00                  | 35.00                     | 8.51           | 30.78                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.76   | 3.6       | 6.8 |
| 06/02/2004           | --   | m        | 39.29          | 10.00                  | 35.00                     | 9.83           | 29.46                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 09/16/2004           | P    |          | 39.29          | 10.00                  | 35.00                     | 10.75          | 28.54                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 0.1       | 6.7 |
| 12/07/2004           | --   | m        | 39.29          | 10.00                  | 35.00                     | 10.55          | 28.74                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 03/02/2005           | P    |          | 39.29          | 10.00                  | 35.00                     | 8.35           | 30.94                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 3.6       | 6.8 |
| 06/20/2005           | --   | m        | 39.29          | 10.00                  | 35.00                     | 8.95           | 30.34                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 09/06/2005           | P    |          | 39.29          | 10.00                  | 35.00                     | 9.85           | 29.44                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | <0.50  | 0.3       | 6.7 |
| 03/07/2006           | --   |          | 39.29          | 10.00                  | 35.00                     | 8.33           | 30.96                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 9/7/2006             | --   |          | 39.29          | 10.00                  | 35.00                     | 9.24           | 30.05                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 3/6/2007             | --   |          | 39.29          | 10.00                  | 35.00                     | 5.78           | 33.51                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 9/5/2007             | --   |          | 39.29          | 10.00                  | 35.00                     | 10.18          | 29.11                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 3/5/2008             | --   |          | 39.29          | 10.00                  | 35.00                     | 8.98           | 30.31                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| <b>A-9</b>           |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |        |           |     |
| 9/14/1992            | --   |          | 38.71          | 10.0                   | 35.0                      | 16.12          | 22.59                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --     | --        | --  |
| 11/12/1992           | --   |          | 38.71          | 10.0                   | 35.0                      | 16.29          | 22.42                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --     | --        | --  |
| 2/11/1993            | --   |          | 38.71          | 10.0                   | 35.0                      | 12.31          | 26.40                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --     | --        | --  |
| 4/14/1993            | --   |          | 38.71          | 10.0                   | 35.0                      | 12.01          | 26.70                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --     | --        | --  |
| 8/12/1993            | --   |          | 38.71          | 10.0                   | 35.0                      | 13.90          | 24.81                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --     | --        | --  |
| 10/26/1993           | --   |          | 38.71          | 10.0                   | 35.0                      | 14.86          | 23.85                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --     | --        | --  |
| 2/17/1994            | --   |          | 38.19          | 10.0                   | 35.0                      | 12.99          | 25.20                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --     | --        | --  |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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 |
| A-9 Cont.            |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |      |
| 8/17/1994            | --   |          | 38.19          | 10.0                   | 35.0                      | 14.03          | 24.16                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --  | --   |
| 11/18/1994           | --   |          | 37.24          | 10.0                   | 35.0                      | 13.44          | 23.80                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | --  | --   |
| 9/26/1995            | --   |          | 37.24          | 10.0                   | 35.0                      | 12.43          | 24.81                            | <50                      | <0.5    | --      | --            | --            | --        | --  | --   |
| 12/6/1995            | --   |          | 38.19          | 10.0                   | 35.0                      | 13.14          | 25.05                            | <50                      | <0.5    | --      | --            | --            | --        | --  | --   |
| 2/14/1996            | --   |          | 38.19          | 10.0                   | 35.0                      | 9.05           | 29.14                            | <50                      | --      | 1.8     | 0.49          | 0.82          | --        | --  | --   |
| 10/29/1996           | --   |          | 38.19          | 10.0                   | 35.0                      | 12.85          | 25.34                            | <50                      | --      | --      | --            | --            | --        | --  | --   |
| 1/29/1997            | --   |          | 38.19          | 10.0                   | 35.0                      | 9.02           | 29.17                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  | --   |
| 4/30/1997            | --   |          | 38.19          | 10.0                   | 35.0                      | 12.05          | 26.14                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <50       | --  | --   |
| 7/31/1997            | --   |          | 38.19          | 10.0                   | 35.0                      | 12.18          | 26.01                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  | --   |
| 10/22/1997           | --   |          | 38.19          | 10.0                   | 35.0                      | 7.45           | 30.74                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  | --   |
| 1/28/1998            | --   |          | 38.19          | 10.0                   | 35.0                      | 21.25          | 16.94                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  | --   |
| 4/22/1998            | --   |          | 38.19          | 10.0                   | 35.0                      | 12.10          | 26.09                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  | --   |
| 7/8/1998             | --   |          | 38.19          | 10.0                   | 35.0                      | 10.40          | 27.79                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  | --   |
| 10/22/1998           | --   |          | 38.19          | 10.0                   | 35.0                      | 1.55           | 36.64                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  | --   |
| 1/13/1999            | --   |          | 38.19          | 10.0                   | 35.0                      | 12.05          | 26.14                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --  | --   |
| 4/29/1999            | --   |          | 38.19          | 10.0                   | 35.0                      | 7.43           | 30.76                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --  | --   |
| 1/15/2002            | --   |          | 38.19          | 10.0                   | 35.0                      | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | 4.3       | --  | --   |
| 4/24/2002            | --   | j        | 38.19          | 10.0                   | 35.0                      | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | --  | --   |
| 9/23/2002            | P    |          | 38.19          | 10.0                   | 35.0                      | 12.35          | 25.84                            | <50                      | <0.500  | <0.500  | <0.500        | <1.50         | <0.500    | 1.6 | 6.8  |
| 12/9/2002            | P    |          | 38.19          | 10.0                   | 35.0                      | 12.37          | 25.82                            | <50                      | <0.500  | <0.500  | <0.500        | <1.00         | <5.00     | 3.2 | 7.1  |
| 2/11/2003            | P    | e        | 38.19          | 10.0                   | 35.0                      | 10.97          | 27.22                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 3.0 | 6.7  |
| 6/27/2003            | --   |          | 38.19          | 10.0                   | 35.0                      | 11.41          | 26.78                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 2.9 | 6.7  |
| 9/4/2003             | --   |          | 38.19          | 10.0                   | 35.0                      | 12.00          | 26.19                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 2.3 | 6.9  |
| 11/17/2003           | --   |          | 38.19          | 10.0                   | 35.0                      | 12.18          | 26.01                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 03/01/2004           | P    | i        | 40.73          | 10.0                   | 35.0                      | 10.30          | 30.43                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.50      | 3.1 | 6.7  |
| 06/02/2004           | --   | m        | 40.73          | 10.0                   | 35.0                      | 11.50          | 29.23                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 09/16/2004           | P    |          | 40.73          | 10.0                   | 35.0                      | 12.23          | 28.50                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 4.2 | 6.8  |
| 12/07/2004           | --   | m        | 40.73          | 10.0                   | 35.0                      | 12.20          | 28.53                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 03/02/2005           | P    |          | 40.73          | 10.0                   | 35.0                      | 10.09          | 30.64                            | --                       | --      | --      | --            | --            | --        | 3.7 | --   |
| 06/20/2005           | --   | m        | 40.73          | 10.0                   | 35.0                      | 10.75          | 29.98                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 09/06/2005           | P    |          | 40.73          | 10.0                   | 35.0                      | 11.44          | 29.29                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | <0.50     | 1.0 | 6.6  |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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 |           |    |
| <b>A-9 Cont.</b>     |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |    |
| 03/07/2006           | --   |          | 40.73          | 10.0                   | 35.0                      | 10.33          | 30.40                            | --                       | --      | --      | --            | --            | --        | -- |
| 9/7/2006             | --   |          | 40.73          | 10.0                   | 35.0                      | 10.98          | 29.75                            | --                       | --      | --      | --            | --            | --        | -- |
| 3/6/2007             | --   |          | 40.73          | 10.0                   | 35.0                      | 10.57          | 30.16                            | --                       | --      | --      | --            | --            | --        | -- |
| 9/5/2007             | --   |          | 40.73          | 10.0                   | 35.0                      | 11.85          | 28.88                            | --                       | --      | --      | --            | --            | --        | -- |
| 3/5/2008             | --   |          | 40.73          | 10.0                   | 35.0                      | 10.72          | 30.01                            | --                       | --      | --      | --            | --            | --        | -- |
| <b>A-10</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |    |
| 12/7/1992            | --   |          | 38.94          | 10.00                  | 35.00                     | 16.81          | 22.13                            | 660                      | 30      | <2.5    | <2.5          | <2.5          | --        | -- |
| 2/11/1993            | --   |          | 38.94          | 10.00                  | 35.00                     | 13.15          | 25.79                            | 210                      | <0.5    | 0.97    | <0.5          | <0.5          | --        | -- |
| 4/14/1993            | --   |          | 38.94          | 10.00                  | 35.00                     | 12.19          | 26.75                            | 770                      | <0.5    | 3       | 0.76          | 1.9           | --        | -- |
| 8/12/1993            | --   |          | 38.94          | 10.00                  | 35.00                     | 14.87          | 24.07                            | 390                      | <0.5    | <0.5    | <0.5          | 0.84          | --        | -- |
| 10/26/1993           | --   |          | 38.94          | 10.00                  | 35.00                     | 15.65          | 23.29                            | 290                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 2/17/1994            | --   |          | 38.66          | 10.00                  | 35.00                     | 14.16          | 24.50                            | 52                       | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 5/3/1994             | --   |          | 38.66          | 10.00                  | 35.00                     | 14.00          | 24.66                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 8/17/1994            | --   |          | 38.72          | 10.00                  | 35.00                     | 15.08          | 23.64                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 11/18/1994           | --   |          | 38.72          | 10.00                  | 35.00                     | 14.68          | 24.04                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --        | -- |
| 9/26/1995            | --   |          | 38.66          | 10.00                  | 35.00                     | 13.58          | 25.08                            | --                       | --      | --      | --            | --            | --        | -- |
| 12/6/1995            | --   |          | 38.66          | 10.00                  | 35.00                     | 14.24          | 24.42                            | --                       | --      | --      | --            | --            | --        | -- |
| 2/14/1996            | --   |          | 38.66          | 10.00                  | 35.00                     | 6.70           | 31.96                            | --                       | --      | --      | --            | --            | --        | -- |
| 10/29/1996           | --   |          | 38.66          | 10.00                  | 35.00                     | 14.10          | 24.56                            | --                       | --      | --      | --            | 1.1           | --        | -- |
| 1/29/1997            | --   |          | 38.66          | 10.00                  | 35.00                     | 11.20          | 27.46                            | <50                      | 0.41    | 4.8     | 0.6           | 4.4           | 37        | -- |
| 4/30/1997            | --   |          | 38.66          | 10.00                  | 35.00                     | 12.66          | 26.00                            | <20                      | 0.4     | 4.2     | 0.5           | 3.8           | 50        | -- |
| 7/31/1997            | --   |          | 38.66          | 10.00                  | 35.00                     | 13.20          | 25.46                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | -- |
| 4/22/1998            | --   |          | 38.66          | 10.00                  | 35.00                     | 12.60          | 26.06                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | -- |
| 7/8/1998             | --   |          | 38.66          | 10.00                  | 35.00                     | 8.08           | 30.58                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | -- |
| 10/22/1998           | --   |          | 38.66          | 10.00                  | 35.00                     | 11.15          | 27.51                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | -- |
| 1/13/1999            | --   |          | 38.66          | 10.00                  | 35.00                     | 9.60           | 29.06                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | -- |
| 4/29/1999            | --   |          | 38.66          | 10.00                  | 35.00                     | 11.15          | 27.51                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | -- |
| 1/15/2002            | --   |          | 38.66          | 10.00                  | 35.00                     | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | 17        | -- |
| 4/24/2002            | --   |          | 38.66          | 10.00                  | 35.00                     | --             | --                               | --                       | --      | --      | --            | --            | --        | -- |
| 9/23/2002            | --   | o        | 38.66          | 10.00                  | 35.00                     | --             | --                               | --                       | --      | --      | --            | --            | --        | -- |



**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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>A-10 Cont.</b>    |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |      |
| 12/19/2002           | P    | c        | 38.66          | 10.00                  | 35.00                     | 12.75          | 25.91                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <2.5      | --  | --   |
| 2/11/2003            | P    | c        | 38.66          | 10.00                  | 35.00                     | 12.21          | 26.45                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.9       | 1.3 | 6.7  |
| 6/27/2003            | --   |          | 38.66          | 10.00                  | 35.00                     | 12.66          | 26.00                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.99      | 0.8 | 7.2  |
| 9/4/2003             | --   |          | 38.66          | 10.00                  | 35.00                     | 13.31          | 25.35                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.1       | 0.9 | 6.9  |
| 11/17/2003           | --   | n        | 38.66          | 10.00                  | 35.00                     | 13.27          | 25.39                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 03/01/2004           | --   | j, n     | 41.22          | 10.00                  | 35.00                     | 11.55          | 29.67                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 06/02/2004           | --   | n        | 41.22          | 10.00                  | 35.00                     | 12.61          | 28.61                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 09/16/2004           | P    | k        | 41.22          | 10.00                  | 35.00                     | 12.51          | 28.71                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.84      | 0.2 | 6.8  |
| 12/07/2004           | --   | n        | 41.22          | 10.00                  | 35.00                     | 13.60          | 27.62                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 03/02/2005           | --   | n        | 41.22          | 10.00                  | 35.00                     | 11.46          | 29.76                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 06/20/2005           | --   | n        | 41.22          | 10.00                  | 35.00                     | 12.00          | 29.22                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 09/06/2005           | --   | a        | 41.22          | 10.00                  | 35.00                     | --             | --                               | --                       | --      | --      | --            | --            | --        | --  | --   |
| 03/07/2006           | --   |          | 41.22          | 10.00                  | 35.00                     | 10.42          | 30.80                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 9/7/2006             | --   |          | 41.22          | 10.00                  | 35.00                     | 11.85          | 29.37                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 3/6/2007             | --   |          | 41.22          | 10.00                  | 35.00                     | 11.80          | 29.42                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 9/5/2007             | --   |          | 41.22          | 10.00                  | 35.00                     | 13.08          | 28.14                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| 3/5/2008             | --   |          | 41.22          | 10.00                  | 35.00                     | 11.92          | 29.30                            | --                       | --      | --      | --            | --            | --        | --  | --   |
| <b>AR-1</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |     |      |
| 9/14/1992            | --   |          | 38.11          | 15.00                  | 40.00                     | 15.21          | 22.90                            | 820                      | 67      | <1.0    | 8.8           | 6.7           | --        | --  | --   |
| 11/12/1992           | --   |          | 38.11          | 15.00                  | 40.00                     | 15.36          | 22.75                            | 140                      | 66      | <0.5    | 4.3           | 3.7           | --        | --  | --   |
| 2/11/1993            | --   |          | 38.11          | 15.00                  | 40.00                     | 12.81          | 25.30                            | 360                      | 190     | <2.5    | 8.6           | <2.5          | --        | --  | --   |
| 4/14/1993            | --   |          | 38.11          | 15.00                  | 40.00                     | 11.77          | 26.34                            | 420                      | 240     | 5.2     | 30            | 8.7           | --        | --  | --   |
| 8/12/1993            | --   |          | 38.11          | 15.00                  | 40.00                     | 13.55          | 24.56                            | 370                      | 150     | <2      | 11            | <2            | --        | --  | --   |
| 10/26/1993           | --   |          | 38.11          | 15.00                  | 40.00                     | 13.98          | 24.13                            | 240                      | 98      | <2      | 11            | <2            | --        | --  | --   |
| 2/17/1994            | --   |          | 37.46          | 15.00                  | 40.00                     | 12.15          | 25.31                            | 4,700                    | 1,100   | <10     | 140           | 26            | --        | --  | --   |
| 5/3/1994             | --   |          | 37.46          | 15.00                  | 40.00                     | 12.03          | 25.43                            | 620                      | 130     | 1.3     | 48            | 4.3           | --        | --  | --   |
| 8/17/1994            | --   |          | 37.33          | 15.00                  | 40.00                     | 12.92          | 24.41                            | 3,600                    | 630     | <5      | 200           | 12            | --        | --  | --   |
| 11/18/1994           | --   |          | 37.33          | 15.00                  | 40.00                     | 12.41          | 24.92                            | 12,100                   | 720     | 6.1     | 337           | 15            | --        | --  | --   |
| 9/26/1995            | --   |          | 37.46          | 15.00                  | 40.00                     | 11.34          | 26.12                            | --                       | 8.3     | --      | --            | --            | --        | --  | --   |
| 12/6/1995            | --   |          | 37.46          | 15.00                  | 40.00                     | 11.87          | 25.59                            | 120                      | 20      | --      | 20            | 0.6           | --        | --  | --   |

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| 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 |           |      |
| AR-1 Cont.           |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |
| 2/14/1996            | --   |          | 37.46          | 15.00                  | 40.00                     | 10.48          | 26.98                            | --                       | --      | --      | --            | 0.52          | --        | --   |
| 10/29/1996           | --   |          | 37.46          | 15.00                  | 40.00                     | 11.80          | 25.66                            | --                       | --      | 0.99    | --            | --            | --        | --   |
| 1/29/1997            | --   |          | 37.46          | 15.00                  | 40.00                     | 11.25          | 26.21                            | <50                      | 0.41    | <0.3    | <0.3          | <0.3          | <20       | --   |
| 4/30/1997            | --   |          | 37.46          | 15.00                  | 40.00                     | 12.24          | 25.22                            | <20                      | <0.3    | <0.3    | <0.3          | <0.5          | <50       | --   |
| 7/31/1997            | --   |          | 37.46          | 15.00                  | 40.00                     | 10.80          | 26.66                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   |
| 10/22/1997           | --   |          | 37.46          | 15.00                  | 40.00                     | 11.90          | 25.56                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   |
| 1/28/1998            | --   |          | 37.46          | 15.00                  | 40.00                     | 11.20          | 26.26                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   |
| 4/22/1998            | --   |          | 37.46          | 15.00                  | 40.00                     | 12.20          | 25.26                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   |
| 7/8/1998             | --   |          | 37.46          | 15.00                  | 40.00                     | 9.10           | 28.36                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --   |
| 10/22/1998           | --   |          | 37.46          | 15.00                  | 40.00                     | 9.80           | 27.66                            | 270                      | 2.1     | <0.3    | 3.6           | <0.5          | 190       | --   |
| 1/13/1999            | --   |          | 37.46          | 15.00                  | 40.00                     | 10.10          | 27.36                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   |
| 4/29/1999            | --   |          | 37.46          | 15.00                  | 40.00                     | 11.35          | 26.11                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5        | --   |
| 1/15/2002            | --   |          | 37.46          | 15.00                  | 40.00                     | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | 1.1           | 2.9       | --   |
| 4/24/2002            | --   | j        | 37.46          | 15.00                  | 40.00                     | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 2.6       | --   |
| 9/23/2002            | P    |          | 37.46          | 15.00                  | 40.00                     | 11.26          | 26.20                            | <50.0                    | <0.500  | <0.500  | <0.500        | <1.50         | 20.2      | 1.6  |
| 12/9/2002            | P    |          | 37.46          | 15.00                  | 40.00                     | 11.35          | 26.11                            | <50.0                    | <0.500  | <0.500  | <0.500        | <1.00         | 26.6      | 1.8  |
| 2/11/2003            | P    | e        | 37.46          | 15.00                  | 40.00                     | 9.91           | 27.55                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 4.7       | 1.2  |
| 6/27/2003            | NP   |          | 37.46          | 15.00                  | 40.00                     | 10.30          | 27.16                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.6       | 1.6  |
| 09/04/2003           | --   | f        | 37.46          | 15.00                  | 40.00                     | --             | --                               | --                       | --      | --      | --            | --            | --        | --   |
| 11/17/2003           | P    |          | 37.46          | 15.00                  | 40.00                     | 11.13          | 26.33                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.4       | 1.8  |
| 03/01/2004           | P    | i        | 39.82          | 15.00                  | 40.00                     | 9.00           | 30.82                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 8.6       | 0.6  |
| 06/02/2004           | NP   |          | 39.82          | 15.00                  | 40.00                     | 10.40          | 29.42                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 3.6       | 0.3  |
| 09/16/2004           | NP   |          | 39.82          | 15.00                  | 40.00                     | 11.18          | 28.64                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 3.2       | 0.1  |
| 12/07/2004           | NP   |          | 39.82          | 15.00                  | 40.00                     | 11.15          | 28.67                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 0.2  |
| 03/02/2005           | P    | p        | 39.82          | 15.00                  | 40.00                     | 9.01           | 30.81                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.7       | 0.9  |
| 06/20/2005           | NP   |          | 39.82          | 15.00                  | 40.00                     | 9.55           | 30.27                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 0.07 |
| 09/06/2005           | NP   |          | 39.82          | 15.00                  | 40.00                     | 10.42          | 29.40                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | <0.50     | 0.7  |
| 03/07/2006           | --   |          | 39.82          | 15.00                  | 40.00                     | 9.04           | 30.78                            | --                       | --      | --      | --            | --            | --        | --   |
| 9/7/2006             | NP   |          | 39.82          | 15.00                  | 40.00                     | 9.83           | 29.99                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 2.07 |
| 3/6/2007             | --   |          | 39.82          | 15.00                  | 40.00                     | 9.32           | 30.50                            | --                       | --      | --      | --            | --            | --        | --   |
| 9/5/2007             | P    |          | 39.82          | 15.00                  | 40.00                     | 10.77          | 29.05                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 2.23 |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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>AR-1 Cont.</b>    |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |     |
| 3/5/2008             | --   |          | 39.82          | 15.00                  | 40.00                     | 9.55           | 30.27                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| <b>AR-2</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |     |
| 3/30/1993            | --   |          | 38.39          | 5.0                    | 35.00                     | 11.53          | 26.86                            | 390                      | 4.1     | 1.6     | <0.5          | 47            | --    | --        | --  |
| 4/14/1993            | --   |          | 38.39          | 5.0                    | 35.00                     | 11.87          | 26.52                            | 310                      | 18      | <0.5    | 0.67          | 36            | --    | --        | --  |
| 8/12/1993            | --   |          | 38.39          | 5.0                    | 35.00                     | 13.59          | 24.80                            | 130                      | 16      | <0.5    | 1.7           | 0.57          | --    | --        | --  |
| 10/26/1993           | --   |          | 38.39          | 5.0                    | 35.00                     | 14.25          | 24.14                            | 110                      | 15      | <0.5    | 1.8           | <0.5          | --    | --        | --  |
| 2/17/1994            | --   |          | 38.39          | 5.0                    | 35.00                     | 12.76          | 25.63                            | 130                      | 2.9     | <0.5    | 15            | 0.8           | --    | --        | --  |
| 5/3/1994             | --   |          | 38.39          | 5.0                    | 35.00                     | 12.60          | 25.79                            | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | --    | --        | --  |
| 8/17/1994            | --   |          | 38.18          | 5.0                    | 35.00                     | 13.86          | 24.32                            | 3,000                    | 140     | 140     | 220           | 91            | --    | --        | --  |
| 11/18/1994           | --   |          | 38.18          | 5.0                    | 35.00                     | 13.33          | 24.85                            | 623                      | 10.5    | 10.5    | 27.9          | 8             | --    | --        | --  |
| 9/26/1995            | --   |          | 37.98          | 5.0                    | 35.00                     | 11.67          | 26.31                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| 12/6/1995            | --   |          | 37.98          | 5.0                    | 35.00                     | 12.32          | 25.66                            | 320                      | 12      | 12      | 23            | 2.1           | --    | --        | --  |
| 2/14/1996            | --   |          | 37.98          | 5.0                    | 35.00                     | 10.74          | 27.24                            | --                       | --      | --      | --            | 0.76          | --    | --        | --  |
| 10/29/1996           | --   |          | 37.98          | 5.0                    | 35.00                     | 11.95          | 26.03                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| 1/29/1997            | --   |          | 37.98          | 5.0                    | 35.00                     | 11.35          | 26.63                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20   | --        | --  |
| 4/30/1997            | --   |          | 37.98          | 5.0                    | 35.00                     | 12.15          | 25.83                            | <20                      | <0.3    | <0.3    | <0.3          | <0.5          | <50   | --        | --  |
| 7/31/1997            | --   |          | 37.98          | 5.0                    | 35.00                     | 11.20          | 26.78                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20   | --        | --  |
| 10/22/1997           | --   |          | 37.98          | 5.0                    | 35.00                     | 12.14          | 25.84                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20   | --        | --  |
| 1/28/1998            | --   |          | 37.98          | 5.0                    | 35.00                     | 10.05          | 27.93                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20   | --        | --  |
| 4/22/1998            | --   |          | 37.98          | 5.0                    | 35.00                     | 12.10          | 25.88                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20   | --        | --  |
| 7/8/1998             | --   |          | 37.98          | 5.0                    | 35.00                     | 9.50           | 28.48                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5    | --        | --  |
| 10/22/1998           | --   |          | 37.98          | 5.0                    | 35.00                     | 10.45          | 27.53                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5    | --        | --  |
| 1/13/1999            | --   |          | 37.98          | 5.0                    | 35.00                     | 10.50          | 27.48                            | <50                      | <0.3    | 0.4     | <0.3          | 0.53          | <20   | --        | --  |
| 4/29/1999            | --   |          | 37.98          | 5.0                    | 35.00                     | 11.48          | 26.50                            | <50                      | <0.3    | <0.3    | <0.3          | 0.82          | <5    | --        | --  |
| 1/15/2002            | --   |          | 37.98          | 5.0                    | 35.00                     | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | 17    | --        | --  |
| 4/24/2002            | --   | j        | 37.98          | 5.0                    | 35.00                     | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 39    | --        | --  |
| 9/23/2002            | P    |          | 37.98          | 5.0                    | 35.00                     | 12.22          | 25.76                            | <50.0                    | <0.500  | <0.500  | <0.500        | <1.50         | 4.43  | 1.0       | 7.1 |
| 12/9/2002            | P    |          | 37.98          | 5.0                    | 35.00                     | 12.30          | 25.68                            | <50.0                    | <0.500  | <0.500  | <0.500        | <1.00         | <5.00 | 1.1       | 7   |
| 2/11/2003            | P    | e        | 37.98          | 5.0                    | 35.00                     | 10.80          | 27.18                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.75  | 1.8       | 6.9 |
| 6/27/2003            | NP   |          | 37.98          | 5.0                    | 35.00                     | 11.14          | 26.84                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 6     | 0.9       | 6.4 |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses**  
**Station #5387, 20200 Hesperian Blvd., Hayward, 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>AR-2 Cont.</b>    |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 09/04/2003           | --   | f        | 37.98          | 5.0                    | 35.00                     | --             | --                               | --                       | --      | --      | --            | --            | --        | --   | --   |
| 11/17/2003           | P    |          | 38.89          | 5.0                    | 35.00                     | 12.08          | 26.81                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.86      | 1.8  | 6.8  |
| 03/01/2004           | P    | i        | 40.68          | 5.0                    | 35.00                     | 10.01          | 30.67                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 4.2  | 6.9  |
| 06/02/2004           | --   |          | 40.68          | 5.0                    | 35.00                     | 11.38          | 29.30                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 4.3       | 0.3  | 6.7  |
| 09/16/2004           | NP   |          | 40.68          | 5.0                    | 35.00                     | 12.12          | 28.56                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.5       | 0.1  | 6.9  |
| 12/07/2004           | NP   |          | 40.68          | 5.0                    | 35.00                     | 12.00          | 28.68                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.2       | 0.3  | 7.4  |
| 03/02/2005           | NP   |          | 40.68          | 5.0                    | 35.00                     | 9.92           | 30.76                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.5       | 0.8  | 7.0  |
| 06/20/2005           | NP   |          | 40.68          | 5.0                    | 35.00                     | 10.49          | 30.19                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.97      | 0.11 | 6.6  |
| 09/06/2005           | NP   |          | 40.68          | 5.0                    | 35.00                     | 11.35          | 29.33                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | 0.79      | 0.7  | 7.0  |
| 03/07/2006           | --   |          | 40.68          | 5.0                    | 35.00                     | 9.92           | 30.76                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 9/7/2006             | NP   |          | 40.68          | 5.0                    | 35.00                     | 10.69          | 29.99                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 1.31 | 6.7  |
| 3/6/2007             | --   |          | 40.68          | 5.0                    | 35.00                     | 10.30          | 30.38                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 9/5/2007             | NP   |          | 40.68          | 5.0                    | 35.00                     | 11.68          | 29.00                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 0.85 | 7.39 |
| 3/5/2008             | --   |          | 40.68          | 5.0                    | 35.00                     | 10.46          | 30.22                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| <b>MW-1</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 8/8/1986             | --   |          | 38.36          | 5.0                    | 30.00                     | 11.25          | 27.11                            | 7,040                    | 132     | 8.7     | 439           | 230           | --        | --   | --   |
| 12/24/1991           | --   |          | 38.36          | 5.0                    | 30.00                     | 16.12          | 22.24                            | 2,200                    | 190     | 8.5     | 6.9           | 2.6           | --        | --   | --   |
| 3/10/1992            | --   |          | 38.36          | 5.0                    | 30.00                     | 13.34          | 25.02                            | 2,800                    | 270     | 29      | 56            | 39            | --        | --   | --   |
| 6/9/1992             | --   |          | 38.36          | 5.0                    | 30.00                     | 14.12          | 24.24                            | 2,900                    | 960     | 27      | 99            | 63            | --        | --   | --   |
| 9/14/1992            | --   |          | 38.36          | 5.0                    | 30.00                     | 15.34          | 23.02                            | 2,600                    | 450     | <5.0    | 45            | 21            | --        | --   | --   |
| 11/12/1992           | --   |          | 38.36          | 5.0                    | 30.00                     | 15.46          | 22.90                            | 1,600                    | 310     | 7.2     | 22            | 8.9           | --        | --   | --   |
| 2/11/1993            | --   |          | 38.36          | 5.0                    | 30.00                     | 11.95          | 26.41                            | 4,000                    | 510     | 47      | 200           | 91            | --        | --   | --   |
| 4/14/1993            | --   |          | 38.36          | 5.0                    | 30.00                     | 11.65          | 26.71                            | 1,700                    | 260     | 20      | 100           | 70            | --        | --   | --   |
| 8/12/1993            | --   |          | 38.36          | 5.0                    | 30.00                     | 12.93          | 25.43                            | 830                      | 60      | 3.8     | 39            | 3.6           | --        | --   | --   |
| 10/26/1993           | --   |          | 38.36          | 5.0                    | 30.00                     | 14.13          | 24.23                            | 8,800                    | 140     | <10     | 41            | <10           | --        | --   | --   |
| 2/17/1994            | --   |          | 37.26          | 5.0                    | 30.00                     | 11.86          | 25.40                            | 1,200                    | 130     | 12      | 54            | 58            | --        | --   | --   |
| 5/3/1994             | --   |          | 37.26          | 5.0                    | 30.00                     | 11.58          | 25.68                            | --                       | --      | --      | --            | --            | --        | --   | --   |
| 8/17/1994            | --   |          | 37.33          | 5.0                    | 30.00                     | 12.78          | 24.55                            | 3,900                    | 86      | 5.1     | 78            | 9.4           | --        | --   | --   |
| 11/18/1994           | --   |          | 37.33          | 5.0                    | 30.00                     | 12.31          | 25.02                            | 6,350                    | 112     | 8.4     | 107           | 35            | --        | --   | --   |
| 9/26/1995            | --   |          | 37.26          | 5.0                    | 30.00                     | 11.26          | 26.00                            | --                       | --      | --      | --            | --            | --        | --   | --   |

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**Station #5387, 20200 Hesperian Blvd., Hayward, 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 |
| MW-1 Cont.           |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 12/6/1995            | --   |          | 37.26          | 5.0                    | 30.00                     | 12.16          | 25.10                            | 4,100                    | 0.86    | 0.46    | 0.38          | 0.92          | --        | --   | --   |
| 2/14/1996            | --   |          | 37.26          | 5.0                    | 30.00                     | 8.53           | 28.73                            | --                       | --      | 0.56    | --            | 0.82          | --        | --   | --   |
| 10/29/1996           | --   |          | 37.26          | 5.0                    | 30.00                     | 10.23          | 27.03                            | 130                      | --      | --      | --            | --            | --        | --   | --   |
| 1/29/1997            | --   |          | 37.26          | 5.0                    | 30.00                     | 8.15           | 29.11                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 4/30/1997            | --   |          | 37.26          | 5.0                    | 30.00                     | 8.05           | 29.21                            | <20                      | <0.3    | <0.3    | <0.3          | <0.5          | <50       | --   | --   |
| 7/31/1997            | --   |          | 37.26          | 5.0                    | 30.00                     | 10.50          | 26.76                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 10/22/1997           | --   |          | 37.26          | 5.0                    | 30.00                     | 11.15          | 26.11                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 1/28/1998            | --   |          | 37.26          | 5.0                    | 30.00                     | 4.95           | 32.31                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 4/22/1998            | --   |          | 37.26          | 5.0                    | 30.00                     | 8.10           | 29.16                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 7/8/1998             | --   |          | 37.26          | 5.0                    | 30.00                     | 8.02           | 29.24                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | 40        | --   | --   |
| 10/22/1998           | --   |          | 37.26          | 5.0                    | 30.00                     | 9.70           | 27.56                            | 230                      | 0.43    | 1.9     | 0.99          | 0.99          | 33        | --   | --   |
| 1/13/1999            | --   |          | 37.26          | 5.0                    | 30.00                     | 9.60           | 27.66                            | <50                      | 0.43    | <0.3    | <0.3          | <0.5          | <20       | --   | --   |
| 4/29/1999            | --   | l        | 37.26          | 5.0                    | 30.00                     | 8.05           | 29.21                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | 31/17     | --   | --   |
| 1/15/2002            | --   |          | 37.26          | 5.0                    | 30.00                     | --             | --                               | <50                      | <0.05   | <0.5    | <0.5          | <0.5          | 21        | --   | --   |
| 4/24/2002            | --   | j        | 37.26          | 5.0                    | 30.00                     | --             | --                               | 160                      | 1.5     | <0.50   | <0.50         | <0.50         | 770       | --   | --   |
| 09/23/2002           | --   | a        | 37.26          | 5.0                    | 30.00                     | --             | --                               | --                       | --      | --      | --            | --            | --        | --   | --   |
| 12/9/2002            | P    | b, d, j  | 37.26          | 5.0                    | 30.00                     | 11.22          | 26.04                            | 998                      | <0.50   | <0.50   | <0.50         | 1.37          | 855/1310  | 2.2  | 7.0  |
| 2/11/2003            | P    | e        | 37.26          | 5.0                    | 30.00                     | 9.70           | 27.56                            | 120                      | <0.50   | <0.50   | <0.50         | <0.50         | 76        | 1.6  | 6.7  |
| 6/27/2003            | P    |          | 37.26          | 5.0                    | 30.00                     | 10.10          | 27.16                            | <500                     | <5.0    | <5.0    | <5.0          | <5.0          | 170       | 0.8  | 6.8  |
| 09/04/2003           | --   | f        | 37.26          | 5.0                    | 30.00                     | --             | --                               | --                       | --      | --      | --            | --            | --        | --   | --   |
| 11/17/2003           | P    |          | 37.26          | 5.0                    | 30.00                     | 10.94          | 26.32                            | 420                      | <0.50   | <0.50   | <0.50         | <0.50         | 140       | 1.7  | --   |
| 03/01/2004           | P    | i        | 39.80          | 5.0                    | 30.00                     | 8.85           | 30.95                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 14        | 2.1  | 6.5  |
| 06/02/2004           | P    |          | 39.80          | 5.0                    | 30.00                     | 10.30          | 29.50                            | 340                      | <2.5    | <2.5    | <2.5          | <2.5          | 250       | 0.4  | 7.0  |
| 09/16/2004           | P    |          | 39.80          | 5.0                    | 30.00                     | 11.02          | 28.78                            | <250                     | <2.5    | <2.5    | <2.5          | <2.5          | 170       | 0.5  | 6.7  |
| 12/07/2004           | --   |          | 39.80          | 5.0                    | 30.00                     | 10.83          | 28.97                            | <250                     | <2.5    | <2.5    | <2.5          | <2.5          | 180       | 1.0  | 7.4  |
| 03/02/2005           | P    |          | 39.80          | 5.0                    | 30.00                     | 8.62           | 31.18                            | 50                       | <0.50   | <0.50   | <0.50         | <0.50         | 24        | 1.8  | 6.8  |
| 06/20/2005           | P    |          | 39.80          | 5.0                    | 30.00                     | 9.20           | 30.60                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 2.2       | 0.08 | 7.5  |
| 09/06/2005           | P    |          | 39.80          | 5.0                    | 30.00                     | 10.12          | 29.68                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | 3.5       | 0.1  | 6.8  |
| 03/07/2006           | P    |          | 39.80          | 5.0                    | 30.00                     | 8.69           | 31.11                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 4.7       | 0.5  | 6.8  |
| 9/7/2006             | P    |          | 39.80          | 5.0                    | 30.00                     | 9.62           | 30.18                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 2.6       | 2.20 | 7.0  |
| 3/6/2007             | NP   |          | 39.80          | 5.0                    | 30.00                     | 9.10           | 30.70                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 0.92 | 7.43 |

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| 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-1 Cont.</b>    |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 9/5/2007             | P    |          | 39.80          | 5.0                    | 30.00                     | 10.55          | 29.25                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.53  | 1.36      | 7.71 |
| 3/5/2008             | NP   |          | 39.80          | 5.0                    | 30.00                     | 9.30           | 30.50                            | 370                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50 | 1.67      | 6.91 |
| <b>MW-2</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |      |
| 8/8/1986             | --   |          | 38.58          | 5.00                   | 30.00                     | 11.62          | 26.96                            | 1,910                    | 20.1    | 2.8     | 1.8           | --            | --    | --        | --   |
| 12/24/1991           | --   |          | 38.58          | 5.00                   | 30.00                     | 16.50          | 22.08                            | 23,000                   | 1,500   | 1,100   | 480           | 1,400         | --    | --        | --   |
| 3/10/1992            | --   |          | 38.58          | 5.00                   | 30.00                     | 13.50          | 25.08                            | 210,000                  | 44,000  | 3,900   | 1,700         | 5,800         | --    | --        | --   |
| 6/9/1992             | --   |          | 38.58          | 5.00                   | 30.00                     | 14.52          | 24.06                            | 33,000                   | 2,300   | 370     | 780           | 2,600         | --    | --        | --   |
| 9/14/1992            | --   |          | 38.58          | 5.00                   | 30.00                     | 15.78          | 22.80                            | 16,000                   | 3,700   | 10      | 470           | 1,000         | --    | --        | --   |
| 11/12/1992           | --   |          | 38.58          | 5.00                   | 30.00                     | 15.98          | 22.60                            | 16,000                   | 3,800   | 86      | 470           | 910           | --    | --        | --   |
| 2/11/1993            | --   |          | 38.58          | 5.00                   | 30.00                     | 12.27          | 26.31                            | 27,000                   | 3,500   | 720     | 1,600         | 380           | --    | --        | --   |
| 4/14/1993            | --   |          | 38.58          | 5.00                   | 30.00                     | 12.01          | 26.57                            | 27,000                   | 3,500   | 220     | 2,200         | 5,100         | --    | --        | --   |
| 8/12/1993            | --   |          | 38.58          | 5.00                   | 30.00                     | 13.81          | 24.77                            | 16,000                   | 1,600   | 27      | 1,300         | 1,200         | --    | --        | --   |
| 10/26/1993           | --   |          | 38.58          | 5.00                   | 30.00                     | 14.53          | 24.05                            | 12,000                   | 1,200   | <25     | 510           | 330           | --    | --        | --   |
| 2/17/1994            | --   |          | 38.58          | 5.00                   | 30.00                     | 12.81          | 25.77                            | 15,000                   | 1,800   | 21      | 850           | 540           | --    | --        | --   |
| 5/3/1994             | --   |          | 38.58          | 5.00                   | 30.00                     | 12.63          | 25.95                            | --                       | --      | --      | --            | --            | --    | --        | --   |
| 8/17/1994            | --   |          | 37.99          | 5.00                   | 30.00                     | 13.69          | 24.30                            | 14,000                   | 850     | 13      | 640           | 270           | --    | --        | --   |
| 11/18/1994           | --   |          | 38.06          | 5.00                   | 30.00                     | 13.18          | 24.88                            | 14,900                   | 640     | 3.4     | 532           | 156           | --    | --        | --   |
| 9/26/1995            | --   |          | 37.99          | 5.00                   | 30.00                     | 12.23          | 25.76                            | 5,100                    | 40      | 25      | 2.5           | 18            | --    | --        | --   |
| 12/6/1995            | --   |          | 37.99          | 5.00                   | 30.00                     | 12.82          | 25.17                            | 810                      | 34      | 23      | 11            | 11            | --    | --        | --   |
| 2/14/1996            | --   |          | 37.99          | 5.00                   | 30.00                     | 10.87          | 27.12                            | 420                      | 0.75    | 0.54    | 0.64          | 0.53          | --    | --        | --   |
| 10/29/1996           | --   |          | 37.99          | 5.00                   | 30.00                     | 12.95          | 25.04                            | 670                      | 1.7     | 1.3     | 0.6           | 0.8           | --    | --        | --   |
| 1/29/1997            | --   |          | 37.99          | 5.00                   | 30.00                     | 11.15          | 26.84                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20   | --        | --   |
| 4/30/1997            | --   |          | 37.99          | 5.00                   | 30.00                     | 11.09          | 26.90                            | <20                      | <0.3    | <0.3    | <0.3          | <0.5          | <50   | --        | --   |
| 7/31/1997            | --   |          | 37.99          | 5.00                   | 30.00                     | 11.70          | 26.29                            | 330                      | <0.3    | 0.58    | 0.53          | <0.5          | <20   | --        | --   |
| 10/22/1997           | --   |          | 37.99          | 5.00                   | 30.00                     | 11.05          | 26.94                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20   | --        | --   |
| 1/28/1998            | --   |          | 37.99          | 5.00                   | 30.00                     | 9.50           | 28.49                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20   | --        | --   |
| 4/22/1998            | --   |          | 37.99          | 5.00                   | 30.00                     | 11.15          | 26.84                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20   | --        | --   |
| 7/8/1998             | --   |          | 37.99          | 5.00                   | 30.00                     | 10.20          | 27.79                            | 78                       | <0.3    | <0.3    | <0.3          | <0.5          | 97    | --        | --   |
| 10/22/1998           | --   |          | 37.99          | 5.00                   | 30.00                     | 11.10          | 26.89                            | 270                      | 0.37    | 2       | 0.91          | 0.73          | 26    | --        | --   |
| 1/13/1999            | --   |          | 37.99          | 5.00                   | 30.00                     | 11.10          | 26.89                            | 650                      | 5.8     | 1       | 1.4           | 1.1           | <20   | --        | --   |

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

**Station #5387, 20200 Hesperian Blvd., Hayward, 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-2 Cont.</b>    |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 4/29/1999            | --   | i        | 37.99          | 5.00                   | 30.00                     | 11.05          | 26.94                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | 23/16     | --   | --   |
| 1/15/2002            | --   |          | 37.99          | 5.00                   | 30.00                     | --             | --                               | 1,200                    | 15      | 4.5     | <0.5          | <0.5          | 190       | --   | --   |
| 4/24/2002            | --   | j        | 37.99          | 5.00                   | 30.00                     | --             | --                               | 1,300                    | 18      | <10     | <10           | <10           | 170       | --   | --   |
| 9/23/2002            | P    |          | 37.99          | 5.00                   | 30.00                     | 12.15          | 25.84                            | 1,440                    | 11.2    | 0.73    | <0.500        | <1.50         | 228       | 1.6  | 6.9  |
| 12/9/2002            | P    | b, d, j  | 37.99          | 5.00                   | 30.00                     | 12.20          | 25.79                            | 1,770                    | 8.08    | 0.694   | 2.47          | 3.79          | 529/902   | 6.2  | 6.7  |
| 2/11/2003            | P    | e        | 37.99          | 5.00                   | 30.00                     | 10.79          | 27.20                            | 1,100                    | <0.50   | <0.50   | <0.50         | 0.53          | 71        | 1.2  | 6.8  |
| 6/27/2003            | P    |          | 37.99          | 5.00                   | 30.00                     | 11.20          | 26.79                            | 520                      | <0.50   | <0.50   | <0.50         | <0.50         | 45        | 0.8  | 6.8  |
| 9/4/2003             | P    |          | 37.99          | 5.00                   | 30.00                     | 11.84          | 26.15                            | 500                      | <0.50   | <0.50   | <0.50         | <0.50         | 28        | 1.2  | 6.9  |
| 11/17/2003           | P    |          | 37.99          | 5.00                   | 30.00                     | 11.98          | 26.01                            | 530                      | <0.50   | <0.50   | <0.50         | <0.50         | 50        | 3.1  | 6.7  |
| 03/01/2004           | P    | i        | 40.51          | 5.00                   | 30.00                     | 10.05          | 30.46                            | 890                      | <0.50   | <0.50   | <0.50         | <0.50         | 36        | 3.1  | 6.6  |
| 06/02/2004           | P    |          | 40.51          | 5.00                   | 30.00                     | 11.32          | 29.19                            | 310                      | <0.50   | <0.50   | <0.50         | <0.50         | 9.2       | 0.3  | 7.2  |
| 09/16/2004           | P    |          | 40.51          | 5.00                   | 30.00                     | 12.01          | 28.50                            | 400                      | <0.50   | <0.50   | <0.50         | <0.50         | 4.0       | 0.2  | 6.8  |
| 12/07/2004           | P    |          | 40.51          | 5.00                   | 30.00                     | 12.00          | 28.51                            | 920                      | <5.0    | <5.0    | <5.0          | <5.0          | 10        | 0.9  | 7.4  |
| 03/02/2005           | P    |          | 40.51          | 5.00                   | 30.00                     | 9.92           | 30.59                            | 180                      | <0.50   | <0.50   | <0.50         | <0.50         | 4.4       | 1.7  | 6.9  |
| 06/20/2005           | P    |          | 40.51          | 5.00                   | 30.00                     | 10.46          | 30.05                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 0.12 | 6.7  |
| 09/06/2005           | P    |          | 40.51          | 5.00                   | 30.00                     | 11.28          | 29.23                            | 440                      | <0.50   | <0.50   | <0.50         | <1.5          | 2.5       | 0.2  | 6.7  |
| 03/07/2006           | P    |          | 40.51          | 5.00                   | 30.00                     | 10.04          | 30.47                            | 360                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.3       | 0.6  | 6.8  |
| 9/7/2006             | P    |          | 40.51          | 5.00                   | 30.00                     | 10.77          | 29.74                            | 280                      | <0.50   | <0.50   | <0.50         | <0.50         | 1.2       | 2.23 | 6.9  |
| 3/6/2007             | NP   |          | 40.51          | 5.00                   | 30.00                     | 10.32          | 30.19                            | 140                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.73      | 2.16 | 7.31 |
| 9/5/2007             | NP   |          | 40.51          | 5.00                   | 30.00                     | 11.67          | 28.84                            | 200                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50     | 1.70 | 7.31 |
| 3/5/2008             | NP   |          | 40.51          | 5.00                   | 30.00                     | 10.47          | 30.04                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.62      | 1.58 | 6.96 |
| <b>MW-3</b>          |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |           |      |      |
| 8/8/1986             | --   |          | 37.77          | 5.0                    | 30.0                      | 10.61          | 27.16                            | 7,450                    | 510     | 549     | 409           | 1,380         | --        | --   | --   |
| 12/24/1991           | --   |          | 37.77          | 5.0                    | 30.0                      | 15.60          | 22.17                            | 6,800                    | 450     | 10      | 610           | 45            | --        | --   | --   |
| 3/10/1992            | --   |          | 37.77          | 5.0                    | 30.0                      | 12.90          | 24.87                            | 11,000                   | 2,500   | 75      | 400           | 560           | --        | --   | --   |
| 6/9/1992             | --   |          | 37.77          | 5.0                    | 30.0                      | 13.60          | 24.17                            | 16,000                   | 2,000   | 69      | 1,300         | 2,600         | --        | --   | --   |
| 9/14/1992            | --   |          | 37.77          | 5.0                    | 30.0                      | 14.78          | 22.99                            | 14,000                   | 630     | <50     | 1,500         | 2,400         | --        | --   | --   |
| 11/12/1992           | --   |          | 37.77          | 5.0                    | 30.0                      | 14.92          | 22.85                            | 7,400                    | 400     | <25     | 860           | 330           | --        | --   | --   |
| 2/11/1993            | --   |          | 37.77          | 5.0                    | 30.0                      | 11.65          | 26.12                            | 8,600                    | 580     | <20     | 710           | 300           | --        | --   | --   |
| 4/14/1993            | --   |          | 37.77          | 5.0                    | 30.0                      | 11.16          | 26.61                            | 6,900                    | 300     | 8.8     | 580           | 99            | --        | --   | --   |

**Table 1. Summary of Ground-Water Monitoring Data: Relative Water Elevations and Laboratory Analyses  
Station #5387, 20200 Hesperian Blvd., Hayward, 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   |           |     |
| MW-3 Cont.           |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |        |           |     |
| 8/12/1993            | --   |          | 37.77          | 5.0                    | 30.0                      | 12.82          | 24.95                            | 3,400                    | 56      | <5      | 190           | <5            | --     | --        | --  |
| 10/26/1993           | --   |          | 37.77          | 5.0                    | 30.0                      | 13.60          | 24.17                            | 2,900                    | 42      | <10     | 76            | <10           | --     | --        | --  |
| 2/17/1994            | --   |          | 36.80          | 5.0                    | 30.0                      | 11.53          | 25.27                            | 3,100                    | 160     | <10     | 36            | 8.6           | --     | --        | --  |
| 5/3/1994             | --   |          | 36.80          | 5.0                    | 30.0                      | 11.36          | 25.44                            | 2,300                    | 44      | <2.5    | 8             | <2.5          | --     | --        | --  |
| 8/17/1994            | --   |          | 36.87          | 5.0                    | 30.0                      | 12.38          | 24.49                            | 1,900                    | 7       | <9.5    | 4.4           | <5            | --     | --        | --  |
| 11/18/1994           | --   |          | 36.87          | 5.0                    | 30.0                      | 11.93          | 24.94                            | 909                      | 1.1     | <0.5    | 0.9           | 4             | --     | --        | --  |
| 9/26/1995            | --   |          | 36.80          | 5.0                    | 30.0                      | 10.96          | 25.84                            | 410                      | 1.3     | 1.9     | 2.3           | 3.3           | --     | --        | --  |
| 12/6/1995            | --   |          | 36.80          | 5.0                    | 30.0                      | 11.56          | 25.24                            | --                       | 0.9     | 4.6     | 3             | 4.3           | --     | --        | --  |
| 2/14/1996            | --   |          | 36.80          | 5.0                    | 30.0                      | 7.47           | 29.33                            | 99                       | --      | 0.49    | 0.46          | --            | --     | --        | --  |
| 10/29/1996           | --   |          | 36.80          | 5.0                    | 30.0                      | 9.80           | 27.00                            | 250                      | 0.7     | 0.6     | --            | --            | --     | --        | --  |
| 1/29/1997            | --   |          | 36.80          | 5.0                    | 30.0                      | 7.50           | 29.30                            | 170                      | <0.3    | <0.3    | <0.3          | <0.5          | <20    | --        | --  |
| 4/30/1997            | --   |          | 36.80          | 5.0                    | 30.0                      | 12.10          | 24.70                            | <20                      | <0.3    | <0.3    | <0.3          | <0.5          | <50    | --        | --  |
| 7/31/1997            | --   |          | 36.80          | 5.0                    | 30.0                      | 9.90           | 26.90                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20    | --        | --  |
| 10/22/1997           | --   |          | 36.80          | 5.0                    | 30.0                      | 12.10          | 24.70                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20    | --        | --  |
| 1/28/1998            | --   |          | 36.80          | 5.0                    | 30.0                      | 7.50           | 29.30                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20    | --        | --  |
| 4/22/1998            | --   |          | 36.80          | 5.0                    | 30.0                      | 12.30          | 24.50                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20    | --        | --  |
| 7/8/1998             | --   |          | 36.80          | 5.0                    | 30.0                      | 8.30           | 28.50                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5     | --        | --  |
| 10/22/1998           | --   |          | 36.80          | 5.0                    | 30.0                      | 9.10           | 27.70                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <5     | --        | --  |
| 1/13/1999            | --   |          | 36.80          | 5.0                    | 30.0                      | 9.50           | 27.30                            | <50                      | <0.3    | <0.3    | <0.3          | <0.5          | <20    | --        | --  |
| 4/29/1999            | --   |          | 36.80          | 5.0                    | 30.0                      | 5.93           | 30.87                            | <50                      | <0.3    | 0.35    | <0.3          | <0.5          | <5     | --        | --  |
| 1/15/2002            | --   |          | 36.80          | 5.0                    | 30.0                      | --             | --                               | <50                      | <0.5    | <0.5    | <0.5          | <0.5          | 7.9    | --        | --  |
| 4/24/2002            | --   | j        | 36.80          | 5.0                    | 30.0                      | --             | --                               | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | --        | --  |
| 9/23/2002            | P    |          | 36.80          | 5.0                    | 30.0                      | 10.30          | 26.50                            | <50.0                    | <0.500  | <0.500  | <0.500        | <1.50         | <0.500 | 1.0       | 6.9 |
| 12/9/2002            | P    |          | 36.80          | 5.0                    | 30.0                      | 10.38          | 26.42                            | <50.0                    | <0.500  | <0.500  | <0.500        | <1.00         | <5.00  | 1.7       | 6.7 |
| 2/11/2003            | P    | e        | 36.80          | 5.0                    | 30.0                      | 8.85           | 27.95                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 1.6       | 6.7 |
| 6/27/2003            | --   |          | 36.80          | 5.0                    | 30.0                      | 9.12           | 27.68                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | 0.61   | 0.9       | 6.8 |
| 9/4/2003             | --   |          | 36.80          | 5.0                    | 30.0                      | 9.85           | 26.95                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 1.0       | 6.9 |
| 11/17/2003           | --   | h, n     | 36.63          | 5.0                    | 30.0                      | 9.93           | 26.70                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 03/01/2004           | --   | i, n     | 38.72          | 5.0                    | 30.0                      | 7.95           | 30.77                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 06/02/2004           | --   | n        | 38.72          | 5.0                    | 30.0                      | 9.25           | 29.47                            | --                       | --      | --      | --            | --            | --     | --        | --  |
| 09/16/2004           | P    |          | 38.72          | 5.0                    | 30.0                      | 9.95           | 28.77                            | <50                      | <0.50   | <0.50   | <0.50         | <0.50         | <0.50  | 0.4       | 6.8 |



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Station #5387, 20200 Hesperian Blvd., Hayward, 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 | Tolnene | Ethyl-Benzene | Total Xylenes | MTBE  |           |     |
| <b>MW-3 Cont.</b>    |      |          |                |                        |                           |                |                                  |                          |         |         |               |               |       |           |     |
| 12/07/2004           | --   | n        | 38.72          | 5.0                    | 30.0                      | 9.90           | 28.82                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| 03/02/2005           | --   | n        | 38.72          | 5.0                    | 30.0                      | 7.86           | 30.86                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| 06/20/2005           | --   | n        | 38.72          | 5.0                    | 30.0                      | 8.38           | 30.34                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| 09/06/2005           | P    |          | 38.72          | 5.0                    | 30.0                      | 9.25           | 29.47                            | <50                      | <0.50   | <0.50   | <0.50         | <1.5          | <0.50 | 0.3       | 6.8 |
| 03/07/2006           | --   |          | 38.72          | 5.0                    | 30.0                      | 7.86           | 30.86                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| 9/7/2006             | --   |          | 38.72          | 5.0                    | 30.0                      | 8.66           | 30.06                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| 3/6/2007             | --   |          | 38.72          | 5.0                    | 30.0                      | 8.20           | 30.52                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| 9/5/2007             | --   |          | 38.72          | 5.0                    | 30.0                      | 9.45           | 29.27                            | --                       | --      | --      | --            | --            | --    | --        | --  |
| 3/5/2008             | --   |          | 38.72          | 5.0                    | 30.0                      | 8.34           | 30.38                            | --                       | --      | --      | --            | --            | --    | --        | --  |

#### SYMBOLS AND ABBREVIATIONS:

-- = Not analyzed/applicable/measured/available  
< = Not detected at or above specified laboratory reporting limit  
ND = 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  
GWE = Groundwater elevation in ft MSL  
mg/L = Milligrams per liter  
MTBE = Methyl tert-butyl ether  
NP/P = Well not purged/purged prior to sampling  
TOC = Top of casing in ft MSL  
TPH-g = Total petroleum hydrocarbons as gasoline  
µg/L = Micrograms per liter

#### FOOTNOTES:

a = Well inaccessible.  
b = The analyte concentration may be artificially elevated due to coeluting compounds or components.  
c = The closing calibration was outside acceptance limits by 2%. This should be considered in evaluating the results. The average % difference for all analytes met the 15% requirement and the QC suggests that the calibration linearity is not a factor.  
d = Estimated value. The reported value exceeds the calibration range of the analysis.  
e = TPH-g, benzene, toluene, ethylbenzene, total xylenes, and MTBE analyzed by EPA method 8260B beginning first quarter monitoring event (2/11/03).  
f = Unable to gauge because the bolt was warped on the well head.  
h = Well MW-3 TOC was lowered by 0.17 ft during repairs on 11/14/03.  
i = Well surveyed to NAVD'88 datum on 2/23/04.  
j = Analyzed by EPA Method 8260B.  
k = Obstruction in well removed.  
l = Analytical results as measured by EPA Methods 8020 / 8260.  
m = Well sampled semi-annually (1st and 3rd quarters).  
n = Well sampled annually (3rd quarter).  
o = Well dry.  
p = No purge protocol well. Well was purged and sampled in error.

#### NOTES:

Data for DO and pH were obtained through field measurements.

MTBE analyzed by EPA Method 8021B unless otherwise noted (prior to 2/11/03) and TPH-g by EPA Method 8015B Modified (prior to 2/11/03).

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.

Top and bottom of screen depths for the following wells were derived from cross-sections since the well logs were not available: A-4, A-5, A-7, A-8, A-9, and AR-1.

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 #5387, 20200 Hesperian Blvd., Hayward, CA**

| Well and<br>Sample Date | Concentrations in (µg/L) |     |       |       |       |       |         |       | Comments |
|-------------------------|--------------------------|-----|-------|-------|-------|-------|---------|-------|----------|
|                         | Ethanol                  | TBA | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |          |
| <b>A-4</b>              |                          |     |       |       |       |       |         |       |          |
| 2/11/2003               | <100                     | <20 | 0.53  | <0.50 | <0.50 | <0.50 | --      | --    |          |
| 6/27/2003               | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/4/2003                | --                       | --  | <0.50 | --    | --    | --    | --      | --    |          |
| 03/01/2004              | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 09/16/2004              | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/02/2005              | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/06/2005              | <150                     | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>A-5</b>              |                          |     |       |       |       |       |         |       |          |
| 2/11/2003               | <100                     | <20 | 0.97  | <0.50 | <0.50 | <0.50 | --      | --    |          |
| 6/27/2003               | <100                     | <20 | 0.98  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/4/2003                | <100                     | <20 | 0.5   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/01/2004              | <100                     | <20 | 0.77  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 09/16/2004              | <100                     | <20 | 0.50  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/02/2005              | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/06/2005              | <150                     | <10 | 0.61  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>A-6</b>              |                          |     |       |       |       |       |         |       |          |
| 2/11/2003               | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |          |
| 6/27/2003               | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/4/2003                | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/16/2004              | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/06/2005              | <150                     | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>A-7</b>              |                          |     |       |       |       |       |         |       |          |
| 2/11/2003               | <100                     | <20 | 21    | <0.50 | 6.5   | <0.50 | --      | --    |          |
| 6/27/2003               | <100                     | <20 | 9.4   | <0.50 | <0.50 | 2.1   | <0.50   | <0.50 |          |
| 9/4/2003                | <100                     | <20 | 3.4   | <0.50 | <0.50 | 0.86  | <0.50   | <0.50 |          |
| 11/17/2003              | <100                     | <20 | 1.4   | <0.50 | <0.50 | <0.50 | --      | --    | b        |
| 03/01/2004              | <100                     | <20 | 1.1   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 06/02/2004              | <100                     | <20 | 0.92  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/16/2004              | <100                     | <20 | 1.0   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 12/07/2004              | <100                     | <20 | 1.8   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |

**Table 2. Summary of Fuel Additives Analytical Data  
Station #5387, 20200 Hesperian Blvd., Hayward, CA**

| Well and<br>Sample Date | Concentrations in (µg/L) |     |       |       |       |       |         |       | Comments |
|-------------------------|--------------------------|-----|-------|-------|-------|-------|---------|-------|----------|
|                         | Ethanol                  | TBA | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |          |
| <b>A-7 Cont.</b>        |                          |     |       |       |       |       |         |       |          |
| 03/02/2005              | <100                     | <20 | 1.4   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 06/20/2005              | <100                     | <20 | 6.0   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/06/2005              | <150                     | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/7/2006                | <300                     | <20 | 0.80  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/5/2007                | <300                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>A-8</b>              |                          |     |       |       |       |       |         |       |          |
| 2/11/2003               | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | -       | -     |          |
| 6/27/2003               | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/4/2003                | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/01/2004              | <100                     | <20 | 0.76  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 09/16/2004              | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/02/2005              | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/06/2005              | <150                     | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>A-9</b>              |                          |     |       |       |       |       |         |       |          |
| 2/11/2003               | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | -       | -     |          |
| 6/27/2003               | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/4/2003                | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/01/2004              | <100                     | <20 | 0.50  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 09/16/2004              | <100                     | <20 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/06/2005              | <150                     | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>A-10</b>             |                          |     |       |       |       |       |         |       |          |
| 2/11/2003               | <100                     | <20 | 1.9   | <0.50 | <0.50 | <0.50 | -       | -     |          |
| 6/27/2003               | <100                     | <20 | 0.99  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 9/4/2003                | <100                     | <20 | 1.1   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/16/2004              | <100                     | <20 | 0.84  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>AR-1</b>             |                          |     |       |       |       |       |         |       |          |
| 2/11/2003               | <100                     | <20 | 4.7   | <0.50 | <0.50 | <0.50 | -       | -     |          |
| 6/27/2003               | <100                     | <20 | 1.6   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 11/17/2003              | <100                     | <20 | 1.4   | <0.50 | <0.50 | <0.50 | -       | -     | b        |

**Table 2. Summary of Fuel Additives Analytical Data  
Station #5387, 20200 Hesperian Blvd., Hayward, CA**

| Well and Sample Date | Concentrations in (µg/L) |      |       |       |       |       |         |       | Comments |
|----------------------|--------------------------|------|-------|-------|-------|-------|---------|-------|----------|
|                      | Ethanol                  | TBA  | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |          |
| <b>AR-1 Cont.</b>    |                          |      |       |       |       |       |         |       |          |
| 03/01/2004           | <100                     | <20  | 8.6   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 06/02/2004           | <100                     | <20  | 3.6   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/16/2004           | <100                     | <20  | 3.2   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 12/07/2004           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/02/2005           | <100                     | <20  | 1.7   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 06/20/2005           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/06/2005           | <150                     | <10  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/7/2006             | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/5/2007             | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>AR-2</b>          |                          |      |       |       |       |       |         |       |          |
| 2/11/2003            | <100                     | <20  | 0.75  | <0.50 | <0.50 | <0.50 | -       | -     |          |
| 6/27/2003            | <100                     | <20  | 6     | <0.50 | <0.50 | 2.6   | <0.50   | <0.50 | a        |
| 11/17/2003           | <100                     | <20  | 0.86  | <0.50 | <0.50 | <0.50 | -       | -     | b        |
| 03/01/2004           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 06/02/2004           | <100                     | <20  | 4.3   | <0.50 | <0.50 | 2.2   | <0.50   | <0.50 |          |
| 09/16/2004           | <100                     | <20  | 1.5   | <0.50 | <0.50 | 0.79  | <0.50   | <0.50 |          |
| 12/07/2004           | <100                     | <20  | 1.2   | <0.50 | <0.50 | 0.57  | <0.50   | <0.50 |          |
| 03/02/2005           | <100                     | <20  | 1.5   | <0.50 | <0.50 | 0.66  | <0.50   | <0.50 |          |
| 06/20/2005           | <100                     | <20  | 0.97  | <0.50 | <0.50 | 0.53  | <0.50   | <0.50 |          |
| 09/06/2005           | <150                     | <10  | 0.79  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/7/2006             | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/5/2007             | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>MW-1</b>          |                          |      |       |       |       |       |         |       |          |
| 2/11/2003            | <100                     | <20  | 76    | <0.50 | <0.50 | <0.50 | -       | -     |          |
| 6/27/2003            | <1,000                   | <200 | 170   | <0.50 | <5.0  | <5.0  | <5.0    | <5.0  |          |
| 11/17/2003           | <100                     | <20  | 140   | <0.50 | <0.50 | 1.7   | -       | -     | b        |
| 03/01/2004           | <100                     | <20  | 14    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | a        |
| 06/02/2004           | <500                     | <100 | 250   | <2.5  | <2.5  | <2.5  | <2.5    | <2.5  |          |
| 09/16/2004           | <500                     | <100 | 170   | <2.5  | <2.5  | <2.5  | <2.5    | <2.5  |          |
| 12/07/2004           | <500                     | <100 | 180   | <2.5  | <2.5  | <2.5  | <2.5    | <2.5  |          |

**Table 2. Summary of Fuel Additives Analytical Data  
Station #5387, 20200 Hesperian Blvd., Hayward, CA**

| Well and Sample Date | Concentrations in (µg/L) |      |       |       |       |       |         |       | Comments |
|----------------------|--------------------------|------|-------|-------|-------|-------|---------|-------|----------|
|                      | Ethanol                  | TBA  | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |          |
| <b>MW-1 Cont.</b>    |                          |      |       |       |       |       |         |       |          |
| 03/02/2005           | <100                     | 66   | 24    | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 06/20/2005           | <100                     | <20  | 2.2   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/06/2005           | <150                     | 21   | 3.5   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 03/07/2006           | <300                     | <20  | 4.7   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/7/2006             | <300                     | <20  | 2.6   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | c        |
| 3/6/2007             | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/5/2007             | <300                     | <20  | 0.53  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 3/5/2008             | <300                     | <10  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>MW-2</b>          |                          |      |       |       |       |       |         |       |          |
| 2/11/2003            | <100                     | <20  | 71    | <0.50 | <0.50 | 13    | --      | --    |          |
| 6/27/2003            | <100                     | <20  | 45    | <0.50 | <0.50 | 5.4   | <0.50   | <0.50 |          |
| 9/4/2003             | <100                     | <20  | 28    | <0.50 | <0.50 | 3.8   | <0.50   | <0.50 |          |
| 11/17/2003           | <100                     | 30   | 50    | <0.50 | <0.50 | 6.2   | --      | --    | b        |
| 03/01/2004           | <100                     | 49   | 36    | <0.50 | <0.50 | 6.2   | <0.50   | <0.50 | a        |
| 06/02/2004           | <100                     | <20  | 9.2   | <0.50 | <0.50 | 1.7   | <0.50   | <0.50 |          |
| 09/16/2004           | <100                     | <20  | 4.0   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 12/07/2004           | <1,000                   | <200 | 10    | <5.0  | <5.0  | <5.0  | <5.0    | <5.0  |          |
| 03/02/2005           | <100                     | 75   | 4.4   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 06/20/2005           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/06/2005           | <150                     | <10  | 2.5   | <0.50 | <0.50 | 1.1   | <0.50   | <0.50 |          |
| 03/07/2006           | <300                     | <20  | 1.3   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/7/2006             | <300                     | <20  | 1.2   | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 | c        |
| 3/6/2007             | <300                     | <20  | 0.73  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/5/2007             | <300                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 3/5/2008             | <300                     | 14   | 0.62  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| <b>MW-3</b>          |                          |      |       |       |       |       |         |       |          |
| 2/11/2003            | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | --      | --    |          |
| 6/27/2003            | <100                     | <20  | 0.61  | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 9/4/2003             | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |
| 09/16/2004           | <100                     | <20  | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |

**Table 2. Summary of Fuel Additives Analytical Data  
Station #5387, 20200 Hesperian Blvd., Hayward, CA**

| Well and<br>Sample Date | Concentrations in (µg/L) |     |       |       |       |       |         |       | Comments |
|-------------------------|--------------------------|-----|-------|-------|-------|-------|---------|-------|----------|
|                         | Ethanol                  | TBA | MTBE  | DIPE  | ETBE  | TAME  | 1,2-DCA | EDB   |          |
| MW-3 Cont.              |                          |     |       |       |       |       |         |       |          |
| 09/06/2005              | <150                     | <10 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50   | <0.50 |          |

**SYMBOLS AND ABBREVIATIONS:**

-- = Data not available, analyzed, applicable, or sampled  
< = Not detected at or above specified laboratory reporting limit  
1,2-DCA = 1,2-Dichloroethane  
DIPE = Di-isopropyl ether  
EDB = 1,2-Dibromoethane  
ETBE = Ethyl tert-butyl ether  
MTBE = Methyl tert-butyl ether  
TAME = tert-Amyl methyl ether  
TBA = tert-Butyl alcohol  
g/L = Micrograms per Liter

**FOOTNOTES:**

a = The continuing calibration verification was outside of client contractual acceptance limits by 11.7% low. However, it was within method acceptance limits. The data should be useful for its intended purpose.  
b = The result was reported with a possible low bias due to continuing calibration verification falling outside the acceptance criteria.  
c = Calib. verif. is within method limits but outside contract limits.

**NOTES:**

All fuel oxygenate 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 #5387, 20200 Hesperian Blvd., Hayward, CA**

| <b>Date Sampled</b> | <b>Approximate Flow Direction</b> | <b>Approximate Hydraulic Gradient</b> |
|---------------------|-----------------------------------|---------------------------------------|
| 4/24/2002           | --                                | --                                    |
| 9/23/2002           | West                              | 0.004                                 |
| 12/9/2002           | West                              | 0.003                                 |
| 2/11/2003           | West                              | 0.007                                 |
| 6/27/2003           | West                              | 0.005                                 |
| 9/4/2003            | West                              | 0.005                                 |
| 11/17/2003          | West                              | 0.003                                 |
| 3/1/2004            | West                              | 0.008                                 |
| 6/2/2004            | West                              | 0.005                                 |
| 9/16/2004           | Southwest to West                 | 0.004                                 |
| 12/7/2004           | West                              | 0.006                                 |
| 3/2/2005            | West                              | 0.01                                  |
| 6/20/2005           | West                              | 0.006                                 |
| 9/6/2005            | West                              | 0.006                                 |
| 3/7/2006            | West-Northwest                    | 0.008                                 |
| 9/7/2006            | West                              | 0.007                                 |
| 3/6/2007            | Northwest                         | 0.02                                  |
| 9/5/2007            | West                              | 0.005                                 |
| 3/5/2008            | West                              | 0.005                                 |

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.

**APPENDIX A**

**STRATUS ENVIRONMENTAL, INC. GROUNDWATER SAMPLING DATA PACKAGE  
(INCLUDES FIELD DATA SHEETS, NON-HAZARDOUS WASTE DATA  
FORM, CERTIFIED ANALYTICAL RESULTS, CHAIN OF CUSTODY  
DOCUMENTATION, AND FIELD PROCEDURES FOR  
GROUNDWATER SAMPLING)**



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

March 19, 2008

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

Re: Groundwater Sampling Data Package, BP Service Station No. 5387, located at  
20200 Hesperian Boulevard, Hayward, California

#### **General Information**

*Data Submittal Prepared / Reviewed by:* Becky Carroll / Jay Johnson

*Phone Number:* (530) 676-6000

*On-Site Supplier Representative:* Jerry Gonzales

*Sampling Date:* March 5, 2008

*Arrival:* 14:30      *Departure:* 16:30

*Weather Conditions:* Clear

*Unusual Field Conditions:* None

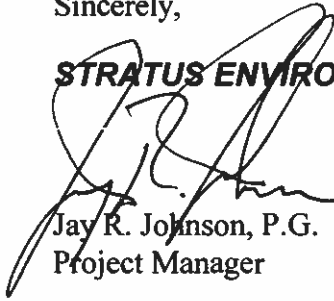
*Scope of Work Performed:* Quarterly monitoring and sampling

*Variations from Work Scope:* A car was parked over Well A-5 and could not be accessed to sample.

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. 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.**



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

## BP ALAMEDA PORTFOLIO HYDROLOGIC DATA SHEET

AR-14 50

Gauge Date: 3/5/08

Project Name: Hayward - 30200 Hesperian Blvd.

Field Technician: Jerry

Project Number: 5387

TOC = Top of Well Casing Elevation  
DTP = Depth to Free Product (FP or NAP) Below TOC  
DTW = Depth to Groundwater Below TOC  
DTB = Depth to Bottom of Well Casing Below TOC

DIA = Well Casing Diameter  
ELEV = Groundwater Elevation  
DUP = Duplicate

| WELL OR LOCATION | TIME  | MEASUREMENT |     |       |       |     |      | PURGE & SAMPLE | SHEEN CONFIRMATION<br>(w/buffer) | COMMENTS               |
|------------------|-------|-------------|-----|-------|-------|-----|------|----------------|----------------------------------|------------------------|
|                  |       | TOC         | DTP | DTW   | DTB   | DIA | ELEV |                |                                  |                        |
| MW 1             | 15:15 |             |     | 9.30  | 28.12 |     |      |                |                                  |                        |
| MW 7             | 15:25 |             |     | 10.47 | 27.65 |     |      |                |                                  |                        |
| MW-3             | 15:07 |             |     | 8.34  | 27.75 |     |      |                |                                  |                        |
| A-4              | 15:33 |             |     | 11.37 | 34.45 |     |      |                |                                  |                        |
| A-5              |       |             |     |       |       |     |      |                |                                  |                        |
| A-6              | 15:43 |             |     | 10.88 | 29.20 |     |      |                |                                  | Comp. possible in well |
| A-7              | 15:02 |             |     | 12.23 | 34.77 |     |      |                |                                  |                        |
| A-8              | 15:05 |             |     | 8.98  | 33.28 |     |      |                |                                  |                        |
| A-9              | 15:28 |             |     | 10.72 | 30.00 |     |      |                |                                  |                        |
| A-10             | 15:00 |             |     | 11.72 | 32.90 |     |      |                |                                  |                        |
| AR-1             | 15:20 |             |     | 9.55  | 33.50 |     |      |                |                                  |                        |
| AR-2             | 15:28 |             |     | 10.96 | 35.62 |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |
|                  |       |             |     |       |       |     |      |                |                                  |                        |

PH temp cond meth Y5163 on cal. lab cal. 3-5-08  
DO meter Y5155 D.O. 3-5-08

**BP ALAMEDA PORTFOLIO**  
**WATER SAMPLE FIELD DATA SHEET**

PROJECT #: 5387 PURGED BY: JC WELL I.D.: MW-1  
 CLIENT NAME: \_\_\_\_\_ SAMPLED BY: F SAMPLE I.D.: MW-1  
 LOCATION: Hayward - 20200 Hesperian Blvd. QA SAMPLES: \_\_\_\_\_

DATE PURGED 3/5/08 START (2400hr) 15:54 END (2400hr) 15:55  
 DATE SAMPLED 3/5/08 SAMPLE TIME (2400hr) 15:55  
 SAMPLE TYPE: Groundwater  Surface Water \_\_\_\_\_ Treatment Effluent \_\_\_\_\_ Other \_\_\_\_\_

CASING DIAMETER: 2"  3" \_\_\_\_\_ 4" \_\_\_\_\_ 5" \_\_\_\_\_ 6" \_\_\_\_\_ 8" \_\_\_\_\_ Other \_\_\_\_\_  
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 28.18 CASING VOLUME (gal) = 32  
 DEPTH TO WATER (feet) = 9.30 CALCULATED PURGE (gal) = 9.6  
 WATER COLUMN HEIGHT (feet) = 18.8 ACTUAL PURGE (gal) = 0 NP

FIELD MEASUREMENTS

| DATE          | TIME (2400hr) | VOLUME (gal) | TEMP. (degrees F) | CONDUCTIVITY (umhos/cm) | pH (units)  | COLOR (visual) | TURBIDITY (NTU) |
|---------------|---------------|--------------|-------------------|-------------------------|-------------|----------------|-----------------|
| <u>3/5/08</u> | <u>15:55</u>  | <u>9.6</u>   | <u>19.7</u>       | <u>877</u>              | <u>6.91</u> | <u>clear</u>   |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |
|               |               |              |                   |                         |             |                |                 |

SAMPLE DEPTH TO WATER: 9.30 SAMPLE INFORMATION SAMPLE TURBIDITY: clear

80% RECHARGE:  YES  NO ANALYSES: SWD  
 ODOR: no SAMPLE VESSEL / PRESERVATIVE: 6 Vol-HCC

PURGING EQUIPMENT

Bladder Pump       Bailer (Teflon)  
 Centrifugal Pump     Bailer (PVC)  
 Submersible Pump     Bailer (Stainless Steel)  
 Peristaltic Pump      Dedicated \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Pump Depth: 0

SAMPLING EQUIPMENT

Bladder Pump       Bailer (Teflon)  
 Centrifugal Pump     Bailer (  PVC or  disposable)  
 Submersible Pump     Bailer (Stainless Steel)  
 Peristaltic Pump      Dedicated \_\_\_\_\_  
 Other: \_\_\_\_\_

WELL INTEGRITY: good LOCK#: MOSTE  
 REMARKS: DO 1.67

SIGNATURE: [Signature] Page \_\_\_\_\_ of \_\_\_\_\_

**BP ALAMEDA PORTFOLIO**  
**WATER SAMPLE FIELD DATA SHEET**

PROJECT #: 5387 PURGED BY: Jc WELL I.D.: MW-2  
 CLIENT NAME: \_\_\_\_\_ SAMPLED BY: JF SAMPLE I.D.: MW-2  
 LOCATION: Hayward - 20200 Hesperian Blvd. QA SAMPLES: \_\_\_\_\_

DATE PURGED 3/5/08 START (2400hr) 16:09 END (2400hr) 16:10  
 DATE SAMPLED 3/5/08 SAMPLE TIME (2400hr) 16:10  
 SAMPLE TYPE: Groundwater  Surface Water \_\_\_\_\_ Treatment Effluent \_\_\_\_\_ Other \_\_\_\_\_

CASING DIAMETER: 2"  3" \_\_\_\_\_ 4" \_\_\_\_\_ 5" \_\_\_\_\_ 6" \_\_\_\_\_ 8" \_\_\_\_\_ Other \_\_\_\_\_  
 Casing Volume: (gallons per foot) (0.17) (0.38) (0.67) (1.02) (1.50) (2.60) ( )

DEPTH TO BOTTOM (feet) = 29.65 CASING VOLUME (gal) = 3.2  
 DEPTH TO WATER (feet) = 10.47 CALCULATED PURGE (gal) = 9.7  
 WATER COLUMN HEIGHT (feet) = 19.1 ACTUAL PURGE (gal) = 0 NP

**FIELD MEASUREMENTS**

| DATE          | TIME (2400hr) | VOLUME (gal) | TEMP. (degrees F) | CONDUCTIVITY (umhos/cm) | pH (units)  | COLOR (visual) | TURBIDITY (NTU) |
|---------------|---------------|--------------|-------------------|-------------------------|-------------|----------------|-----------------|
| <u>3/5/08</u> | <u>16:10</u>  | <u>0</u>     | <u>18.9</u>       | <u>279</u>              | <u>6.96</u> | <u>clear</u>   | _____           |
| _____         | _____         | _____        | _____             | _____                   | _____       | _____          | _____           |
| _____         | _____         | _____        | _____             | _____                   | _____       | _____          | _____           |
| _____         | _____         | _____        | _____             | _____                   | _____       | _____          | _____           |
| _____         | _____         | _____        | _____             | _____                   | _____       | _____          | _____           |
| _____         | _____         | _____        | _____             | _____                   | _____       | _____          | _____           |
| _____         | _____         | _____        | _____             | _____                   | _____       | _____          | _____           |
| _____         | _____         | _____        | _____             | _____                   | _____       | _____          | _____           |
| _____         | _____         | _____        | _____             | _____                   | _____       | _____          | _____           |
| _____         | _____         | _____        | _____             | _____                   | _____       | _____          | _____           |

**SAMPLE INFORMATION**

SAMPLE DEPTH TO WATER: 10.47 SAMPLE TURBIDITY: clear  
 80% RECHARGE:  YES  NO ANALYSES: SW-0  
 ODOR: NO SAMPLE VESSEL / PRESERVATIVE: 6.00u/1cc

**PURGING EQUIPMENT**

\_\_\_\_ Bladder Pump      \_\_\_\_ Bailer (Teflon)  
 \_\_\_\_ Centrifugal Pump      \_\_\_\_ Bailer (PVC)  
 \_\_\_\_ Submersible Pump      \_\_\_\_ Bailer (Stainless Steel)  
 \_\_\_\_ Peristaltic Pump      \_\_\_\_ Dedicated \_\_\_\_\_  
 Other: \_\_\_\_\_  
 Pump Depth: \_\_\_\_\_

**SAMPLING EQUIPMENT**

\_\_\_\_ Bladder Pump      \_\_\_\_ Bailer (Teflon)  
 \_\_\_\_ Centrifugal Pump       Bailer (\_\_\_\_ PVC or  disposable)  
 \_\_\_\_ Submersible Pump      \_\_\_\_ Bailer (Stainless Steel)  
 \_\_\_\_ Peristaltic Pump      \_\_\_\_ Dedicated \_\_\_\_\_  
 Other: \_\_\_\_\_

WELL INTEGRITY: good LOCK#: Detact or  
 REMARKS: DO 1.58

SIGNATURE: [Signature] Page \_\_\_\_ of \_\_\_\_







### Chain of Custody Record

Project Name: BP 5387  
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda > 5387  
 State or Lead Regulatory Agency: \_\_\_\_\_  
 Requested Due Date (mm/dd/yy): \_\_\_\_\_

|                                  |                      |
|----------------------------------|----------------------|
| On-site Time: <u>1400</u>        | Temp: <u>62</u>      |
| Off-site Time: <u>1630</u>       | Temp: <u>62</u>      |
| Sky Conditions: <u>clear</u>     |                      |
| Meteorological Events: <u>NA</u> |                      |
| Wind Speed: <u>0</u>             | Direction: <u>NA</u> |

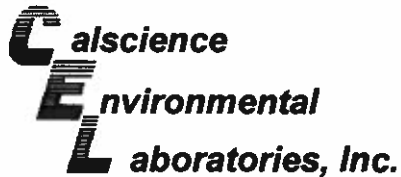
|   |   |   |
|---|---|---|
| Lab Name: <u>Calscience</u>   | BP/AR Facility No.: <u>5387</u>                               | Consultant/Contractor: <u>Stratus Environmental, Inc.</u>                           |
| Address: <u>7440 Lincoln Way</u><br><u>Garden Grove, CA 92841</u>         | BP/AR Facility Address: <u>20200 Hesperian Blvd., Hayward</u> | Address: <u>3330 Cameron Park Drive, Suite 550</u><br><u>Cameron Park, CA 95682</u> |
| Lab PM: <u>Linda Scharpenberg</u>   | California Global ID #: <u>T0600101368</u>                    | Consultant/Contractor Project No.: <u>B5387-04</u>                                  |
| Tele/Fax: <u>714-895-5494</u> <u>714-895-7501(fax)</u>                    | Enfos Project No.: <u>G0C52-0024</u>                          | Consultant/Contractor PM: <u>Jay Johnson</u>  |
| BP/AR PM Contact: <u>Paul Supple</u>                                      | Provision or RCOP (circle one) <u>Provision</u>               | Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>                                    |
| Address: <u>2010 Crow Canyon Place, Suite 150</u><br><u>San Ramon, CA</u> | Phase/WBS: <u>04-Monitoring</u>                               | Report Type & QC Level: <u>Level 1 w/ EDI</u>                                       |
| Tele/Fax: <u>925-275-3506</u>   | Sub Phase/Task: <u>03-Analytical</u>                          | E-mail EDD To: <u>shavea@stratusinc.net</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<br>*Oxy = MTBD, TAME, ETBE, DIPE, TBA |      |
|----------|--------------------|------|--------|------------|--------------|-----|----------------|-------------------|--------------|--------------------------------|------------------|-----|----------|--------------------|-------|-----|-----------------|-------------|--|------|
|          |                    |      |        | Soil/Solid | Water/Liquid | Air |                |                   | Unpreserved  | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | Methanol | BTEX/Oxy* by 8260  | P DCA | EDB | Ethanol by 8260 | CFO by 8015 |  |      |
| 1        | MW-1               | 1515 | 3/5/08 | X          |              |     |                | 6                 |              |                                | X                |     |          | X                  | X     | X   | X               | X           |  |      |
| 2        | MW-2               | 1610 | 3/5/08 | X          |              |     |                | 6                 |              |                                | X                |     |          | X                  | X     | X   | X               | X           |  |      |
| 3        | 118 5387 3508      | 600  | 3/5/08 | X          |              |     |                | 2                 |              |                                | X                |     |          |                    |       |     |                 |             |  | HOLD |
| 4        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |       |     |                 |             |  |      |
| 5        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |       |     |                 |             |  |      |
| 6        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |       |     |                 |             |  |      |
| 7        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |       |     |                 |             |  |      |
| 8        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |       |     |                 |             |  |      |
| 9        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |       |     |                 |             |  |      |
| 10       |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |       |     |                 |             |  |      |

|                                       |   |                     |             |                                  |             |             |
|---------------------------------------|---|---------------------|-------------|----------------------------------|-------------|-------------|
| Sampler's Name: <u>Jerry Gonzalez</u> | Relinquished By / Affiliation: <u>[Signature]</u> | Date: <u>3/7/08</u> | Time: _____ | Accepted By / Affiliation: _____ | Date: _____ | Time: _____ |
| Sampler's Company: <u>Douglas Env</u> |   |                     |             |                                  |             |             |
| Shipment Date: _____                  |   |                     |             |                                  |             |             |
| Shipment Method: _____                |   |                     |             |                                  |             |             |
| Shipment Tracking No: _____           |   |                     |             |                                  |             |             |

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



March 18, 2008

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

Subject: **Calscience Work Order No.: 08-03-0715**  
**Client Reference: BP 5387**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/8/2008 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

CASE NARRATIVE – 08-03-0715

Data Qualifiers - EPA 8015 - Gasoline:

Batch 080310S01:

The % recoveries for gasoline in the MS/MSD were below acceptance criteria. This is due to the large amount of target analyte inherent in the native sample chosen for the MS/MSD. The % recoveries were within acceptance criteria in the LCS/LCSD. The MS/MSD has been flagged “3” within the report.

“3” = LN, AY

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

AY = Matrix interference suspected



**Analytical Report**

nel c

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

Date Received: 03/08/08  
 Work Order No: 08-03-0715  
 Preparation: EPA 5030B  
 Method: EPA 8015B (M)

Project: BP 5387

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-1                 | 08-03-0715-1-E    | 03/05/08<br>16:15   | Aqueous | GC 4       | 03/10/08      | 03/10/08<br>18:24  | 080310B01   |

| Parameter                        | Result         | RL                    | DF | Qual        | Units |
|----------------------------------|----------------|-----------------------|----|-------------|-------|
| Gasoline Range Organics (C6-C12) | 370            | 50                    | 1  |             | ug/L  |
| <u>Surrogates:</u>               | <u>REC (%)</u> | <u>Control Limits</u> |    | <u>Qual</u> |       |
| 1,4-Bromofluorobenzene           | 97             | 38-134                |    |             |       |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-2                 | 08-03-0715-2-E    | 03/05/08<br>16:10   | Aqueous | GC 4       | 03/10/08      | 03/10/08<br>18:56  | 080310B01   |

| 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           | 99             | 38-134                |    |             |       |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-695-69     | N/A                 | Aqueous | GC 4       | 03/10/08      | 03/10/08<br>11:06  | 080310B01   |

| 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           | 103            | 38-134                |    |             |       |

RL - Reporting Limit    DF - Dilution Factor    Qual - Qualifiers

**Analytical Report**

REL C

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

Date Received: 03/08/08  
 Work Order No: 08-03-0715  
 Preparation: EPA 5030B  
 Method: EPA 8260B  
 Units: ug/L

Project: BP 5387

Page 1 of 1

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-1                 | 08-03-0715-1-B    | 03/05/08<br>15:15   | Aqueous | GC/MS BB   | 03/17/08      | 03/18/08<br>03:32  | 080317L02   |

| 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 | 109            | 73-157                |    |             | Dibromofluoromethane          | 110            | 82-142                |    |             |
| Toluene-d8            | 95             | 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 |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| MW-2                 | 08-03-0715-2-B    | 03/05/08<br>16:10   | Aqueous | GC/MS BB   | 03/17/08      | 03/18/08<br>04:04  | 080317L02   |

| Parameter             | Result         | RL                    | DF | Qual        | Parameter                     | Result         | RL                    | DF | Qual        |
|-----------------------|----------------|-----------------------|----|-------------|-------------------------------|----------------|-----------------------|----|-------------|
| Benzene               | ND             | 0.50                  | 1  |             | Methyl-t-Butyl Ether (MTBE)   | 0.62           | 0.50                  | 1  |             |
| 1,2-Dibromoethane     | ND             | 0.50                  | 1  |             | Tert-Butyl Alcohol (TBA)      | 14             | 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 | 103            | 73-157                |    |             | Dibromofluoromethane          | 110            | 82-142                |    |             |
| Toluene-d8            | 95             | 82-112                |    |             | 1,4-Bromofluorobenzene        | 93             | 75-105                |    |             |

| Client Sample Number | Lab Sample Number | Date/Time Collected | Matrix  | Instrument | Date Prepared | Date/Time Analyzed | QC Batch ID |
|----------------------|-------------------|---------------------|---------|------------|---------------|--------------------|-------------|
| Method Blank         | 099-12-703-96     | N/A                 | Aqueous | GC/MS BB   | 03/17/08      | 03/18/08<br>03:00  | 080317L02   |

| 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 | 106            | 73-157                |    |             | Dibromofluoromethane          | 107            | 82-142                |    |             |
| Toluene-d8            | 97             | 82-112                |    |             | 1,4-Bromofluorobenzene        | 92             | 75-105                |    |             |

RL - Reporting Limit    DF - Dilution Factor    Qual - Qualifiers

nelco

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

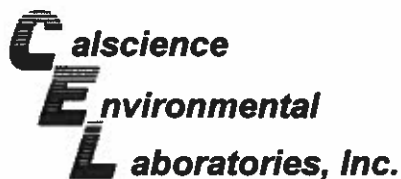
Date Received: 03/08/08  
 Work Order No: 08-03-0715  
 Preparation: EPA 5030B  
 Method: EPA 8015B (M)

Project BP 5387

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| 08-03-0717-1              | Aqueous | GC 4       | 03/10/08      | 03/10/08      | 080310S01           |

| <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) | 0              | 0               | 38-134         | 5          | 0-25          | 3                 |

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: 03/08/08  
Work Order No: 08-03-0715  
Preparation: EPA 5030B  
Method: EPA 8260B

Project BP 5387

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | MS/MSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|---------------------|
| MW-1                      | Aqueous | GC/MS BB   | 03/17/08      | 03/18/08      | 080317S02           |

| Parameter                     | MS %REC | MSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|---------|----------|---------|-----|--------|------------|
| Benzene                       | 95      | 94       | 86-122  | 1   | 0-8    |            |
| Carbon Tetrachloride          | 112     | 111      | 78-138  | 1   | 0-9    |            |
| Chlorobenzene                 | 100     | 98       | 90-120  | 2   | 0-9    |            |
| 1,2-Dibromoethane             | 98      | 94       | 70-130  | 5   | 0-30   |            |
| 1,2-Dichlorobenzene           | 99      | 99       | 89-119  | 1   | 0-10   |            |
| 1,1-Dichloroethene            | 95      | 95       | 52-142  | 0   | 0-23   |            |
| Ethylbenzene                  | 95      | 95       | 70-130  | 0   | 0-30   |            |
| Toluene                       | 91      | 91       | 85-127  | 0   | 0-12   |            |
| Trichloroethene               | 97      | 95       | 78-126  | 3   | 0-10   |            |
| Vinyl Chloride                | 93      | 96       | 56-140  | 3   | 0-21   |            |
| Methyl-t-Butyl Ether (MTBE)   | 103     | 100      | 64-136  | 3   | 0-28   |            |
| Tert-Butyl Alcohol (TBA)      | 97      | 95       | 27-183  | 2   | 0-60   |            |
| Diisopropyl Ether (DIPE)      | 97      | 98       | 78-126  | 1   | 0-16   |            |
| Ethyl-t-Butyl Ether (ETBE)    | 102     | 102      | 67-133  | 0   | 0-21   |            |
| Tert-Amyl-Methyl Ether (TAME) | 98      | 95       | 63-141  | 3   | 0-21   |            |
| Ethanol                       | 96      | 96       | 11-167  | 0   | 0-64   |            |

RPD - Relative Percent Difference, CL - Control Limit

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

Date Received: N/A  
 Work Order No: 08-03-0715  
 Preparation: EPA 5030B  
 Method: EPA 8015B (M)

Project: BP 5387

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-696-59             | Aqueous | GC 4       | 03/10/08      | 03/10/08      | 080310B01             |

| <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) | 116             | 115              | 78-120         | 1          | 0-20          |                   |

RPD - Relative Percent Difference , CL - Control Limit



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

Date Received: N/A  
 Work Order No: 08-03-0715  
 Preparation: EPA 5030B  
 Method: EPA 8260B

Project: BP 5387

| Quality Control Sample ID | Matrix  | Instrument | Date Prepared | Date Analyzed | LCS/LCSD Batch Number |
|---------------------------|---------|------------|---------------|---------------|-----------------------|
| 099-12-703-96             | Aqueous | GC/MS BB   | 03/17/08      | 03/17/08      | 080317L02             |

| Parameter                     | LCS %REC | LCSD %REC | %REC CL | RPD | RPD CL | Qualifiers |
|-------------------------------|----------|-----------|---------|-----|--------|------------|
| Benzene                       | 93       | 93        | 87-117  | 1   | 0-7    |            |
| Carbon Tetrachloride          | 107      | 110       | 78-132  | 3   | 0-8    |            |
| Chlorobenzene                 | 99       | 98        | 88-118  | 1   | 0-8    |            |
| 1,2-Dibromoethane             | 97       | 91        | 80-120  | 6   | 0-20   |            |
| 1,2-Dichlorobenzene           | 101      | 100       | 88-118  | 1   | 0-8    |            |
| 1,1-Dichloroethene            | 100      | 101       | 71-131  | 1   | 0-14   |            |
| Ethylbenzene                  | 96       | 96        | 80-120  | 0   | 0-20   |            |
| Toluene                       | 93       | 93        | 85-127  | 0   | 0-7    |            |
| Trichloroethene               | 99       | 99        | 85-121  | 1   | 0-11   |            |
| Vinyl Chloride                | 96       | 97        | 64-136  | 1   | 0-10   |            |
| Methyl-1-Butyl Ether (MTBE)   | 99       | 91        | 67-133  | 9   | 0-16   |            |
| Tert-Butyl Alcohol (TBA)      | 101      | 99        | 34-154  | 2   | 0-19   |            |
| Diisopropyl Ether (DIPE)      | 96       | 95        | 80-122  | 1   | 0-8    |            |
| Ethyl-1-Butyl Ether (ETBE)    | 98       | 95        | 73-127  | 3   | 0-11   |            |
| Tert-Amyl-Methyl Ether (TAME) | 99       | 89        | 69-135  | 11  | 0-12   |            |
| Ethanol                       | 107      | 122       | 34-124  | 14  | 0-44   |            |

RPD - Relative Percent Difference CL - Control Limit

Work Order Number: 08-03-0715

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| <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: BP 5387  
 BP BU/AR Region/Enfos Segment: BP > Americas > West > Retail > CA > Alameda > 5387  
 State or Lead Regulatory Agency: \_\_\_\_\_  
 Requested Due Date (mm/dd/yy): \_\_\_\_\_

(0715)

|                                  |                      |
|----------------------------------|----------------------|
| On-site Time: <u>1400</u>        | Temp: <u>62</u>      |
| Off-site Time: <u>1630</u>       | Temp: <u>62</u>      |
| Sky Conditions: <u>clear</u>     |                      |
| Meteorological Events: <u>NA</u> |                      |
| Wind Speed: <u>0</u>             | Direction: <u>NA</u> |

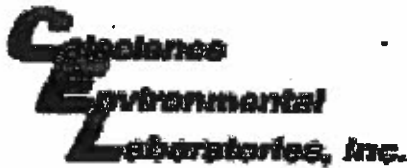
|   |   |   |
|---|---|---|
| Lab Name: <u>Calscience</u>   | BP/AR Facility No.: <u>5387</u>                               | Consultant/Contractor: <u>Stratus Environmental, Inc.</u>                           |
| Address: <u>7440 Lincoln Way</u><br><u>Garden Grove, CA 92841</u>         | BP/AR Facility Address: <u>20200 Hesperian Blvd., Hayward</u> | Address: <u>3330 Cameron Park Drive, Suite 550</u><br><u>Cameron Park, CA 95682</u> |
| Lab PM: <u>Linda Scharpenberg</u>   | California Global ID #: <u>T0600101368</u>                    | Consultant/Contractor Project No.: <u>E5387-04</u>                                  |
| Tele/Fax: <u>714-895-5494 714-895-7501(fax)</u>                           | Enfos Project No.: <u>G0C52-0024</u>                          | Consultant/Contractor PM: <u>Jay Johnson</u>  |
| BP/AR PM Contact: <u>Paul Supple</u>                                      | Provision or RCOP (circle one) <u>Provision</u>               | Tele/Fax: <u>(530) 676-6000 / (530) 676-6005</u>                                    |
| Address: <u>2010 Crow Canyon Place, Suite 150</u><br><u>San Ramon, CA</u> | Phase/WBS: <u>04-Monitoring</u>                               | Report Type & QC Level: <u>Level I with EDF</u>                                     |
| Tele/Fax: <u>925-275-3506</u>   | Sub Phase/Task: <u>03-Analytical</u>                          | E-mail EDD To: <u>shaves@stratusinc.net</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<br>*Oxy = MTBD, TAME, ETBE, DIPE, TBA |  |      |
|----------|--------------------|------|--------|------------|--------------|-----|----------------|-------------------|--------------|--------------------------------|------------------|-----|----------|--------------------|---------|-----|-----------------|-------------|--|--|------|
|          |                    |      |        | Soil/Solid | Water/Liquid | Air |                |                   | Unpreserved  | H <sub>2</sub> SO <sub>4</sub> | HNO <sub>3</sub> | HCl | Methanol | BTEX/Oxy* by 8260  | 1,2 DCA | EDB | Ethanol by 8260 | GRO by 8015 |  |  |      |
| 1        | MW-1               | 1515 | 3/5/08 | X          |              |     |                | 6                 |              |                                |                  |     |          | X                  | X       | X   | X               | X           |  |  |      |
| 2        | MW-2               | 1610 | 3/5/08 | X          |              |     |                | 6                 |              |                                |                  |     |          | X                  | X       | X   | X               | X           |  |  |      |
| 3        | TB 5387 3508       | 600  | 3/5/08 | X          |              |     |                | 2                 |              |                                |                  |     |          |                    |         |     |                 |             |  |  | HOLD |
| 4        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |         |     |                 |             |  |  |      |
| 5        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |         |     |                 |             |  |  |      |
| 6        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |         |     |                 |             |  |  |      |
| 7        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |         |     |                 |             |  |  |      |
| 8        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |         |     |                 |             |  |  |      |
| 9        |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |         |     |                 |             |  |  |      |
| 10       |                    |      |        |            |              |     |                |                   |              |                                |                  |     |          |                    |         |     |                 |             |  |  |      |

|  |   |                     |             |                                  |               |             |
|--|---|---------------------|-------------|----------------------------------|---------------|-------------|
| Sampler's Name: <u>Jerry Gonzales</u>  | Relinquished By / Affiliation: <u>[Signature]</u> | Date: <u>3/7/08</u> | Time: _____ | Accepted By / Affiliation: _____ | Date: _____   | Time: _____ |
| Sampler's Company: <u>Doulos Env</u>   |   |                     |             |                                  |               |             |
| Shipment Date: _____                   |   |                     |             |                                  |               |             |
| Shipment Method: _____                 |   |                     |             |                                  |               |             |
| Shipment Tracking No: <u>105596824</u> | <u>WDO GSD</u>                                    | <u>3-8-08</u>       | <u>0845</u> | <u>WCBATU CE</u>                 | <u>3-8-08</u> | <u>0845</u> |

Special Instructions: Please cc results to: rmler@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 - 03 - 0715

Cooler 1 of 1

### SAMPLE RECEIPT FORM

CLIENT: STRATUS

DATE: 3-8-08

#### 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.
- °C Temperature blank.

##### LABORATORY (Other than Calscience Courier):

- 3.1 °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial: WJB

#### CUSTODY SEAL INTACT:

Sample(s): \_\_\_\_\_ Cooler:  No (Not Intact) : \_\_\_\_\_ Not Present: \_\_\_\_\_

Initial: WJB

#### SAMPLE CONDITION:

|   | Yes                                 | No                       | N/A                                 |
|---|-------------------------------------|--------------------------|-------------------------------------|
| Chain-Of-Custody document(s) received with samples.....       | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Sampler's name indicated on COC.....                          | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Sample container label(s) consistent with custody papers..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Sample container(s) intact and good condition.....            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Correct containers and volume for analyses requested.....     | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Proper preservation noted on sample label(s).....             | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| VOA vial(s) free of headspace. ....                           | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| Tedlar bag(s) free of condensation.....                       | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Initial: WJB

#### COMMENTS:

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## 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  $\mu$ s daily and 1413  $\mu$ s and 447  $\mu$ 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 CONFIRMATION**



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## UPLOADING A GEO\_WELL FILE

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**Submittal Title:** 1Q08 GEO\_WELL 5387  
**Facility Global ID:** T0600101368  
**Facility Name:** ARCO #5387 / THRIFTY OIL  
#52  
**Submittal Date/Time:** 4/3/2008 9:44:30 AM  
**Confirmation**  
**Number:** 8973515391

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**Confirmation Number:** 1600981116  
**Date/Time of Submittal:** 4/3/2008 9:49:53 AM  
**Facility Global ID:** T0600101368  
**Facility Name:** ARCO #5387 / THRIFTY OIL #52  
**Submittal Title:** 1Q08 GW Monitoring  
**Submittal Type:** GW Monitoring Report

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

|   |   |
|---|---|
| <b>ARCO #5387 / THRIFTY OIL #52</b><br>20200 HESPERIAN<br>HAYWARD, CA 94541 | <b>Regional Board - Case #: 01-1481</b><br>SAN FRANCISCO BAY RWQCB (REGION 2)<br><b>Local Agency (lead agency) - Case #: RO0000174</b><br>ALAMEDA COUNTY LOP - (PK) |
|---|---|

| <b>CONF #</b>                | <b>TITLE</b>       | <b>QUARTER</b> |
|------------------------------|--------------------|----------------|
| 1600981116                   | 1Q08 GW Monitoring | Q1 2008        |
| <b>SUBMITTED BY</b>          | <b>SUBMIT DATE</b> | <b>STATUS</b>  |
| Broadbent & Associates, Inc. | 4/3/2008           | PENDING REVIEW |

## SAMPLE DETECTIONS REPORT

|   |       |
|---|-------|
| # FIELD POINTS SAMPLED                                | 2     |
| # FIELD POINTS WITH DETECTIONS                        | 2     |
| # FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL | 1     |
| SAMPLE MATRIX TYPES                                   | WATER |

## METHOD QA/QC REPORT

|                               |               |
|-------------------------------|---------------|
| METHODS USED                  | M8015,SW8260B |
| TESTED FOR REQUIRED ANALYTES? | Y             |
| LAB NOTE DATA QUALIFIERS      | Y             |

## QA/QC FOR 8021/8260 SERIES SAMPLES

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

## WATER SAMPLES FOR 8021/8260 SERIES

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

**SOIL SAMPLES FOR 8021/8260 SERIES**

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

**FIELD QC SAMPLES**

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

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