

**Table 3-2  
Natural Attenuation Parameters for Selected Monitoring Wells**

| Well ID | Chloride | Ferrous Fe | Nitrate as N | Sodium | Sulfate | Ethane | Ethene | Methane | DO   | ORP (mV) | pH   |
|---------|----------|------------|--------------|--------|---------|--------|--------|---------|------|----------|------|
| MW-302B | NA       | 4.6        | 0.050        | NA     | 23.     | NA     | NA     | NA      | 3.5  | 36.9     | 6.18 |
| MW-303B | NA       | 0.10       | 0.15         | NA     | 19.     | NA     | NA     | 0.010   | 5.68 | 197.2    | 6.48 |
| MW-305B | NA       | 0.60       | 0.050        | NA     | 150     | NA     | NA     | 0.52    | 4.22 | 31.2     | 6.77 |
| MW-309  | NA       | 50.        | 0.050        | NA     | 110     | 0.01   | 0.01   | 2.5     | 1.98 | -75      | 6.53 |
| MW-315  | 260      | 12.        | 0.050        | 99     | 1.0     | 0.01   | 0.01   | 6.9     | 4.04 | 77.4     | 6.32 |
| MW-319  | 12.      | 4.1        | 0.050        | NA     | 76.     | 0.01   | 0.01   | 1.8     | 0.54 | -90      | 6.83 |
| MW-323  | 7100     | 560        | 0.050        | 3730   | 2700    | 0.01   | 0.01   | 4.8     | 2.33 | -16.2    | 6.24 |
| MW-407A | 7.7      | 0.10       | 0.050        | NA     | 36.     | 0.01   | 0.01   | 0.01    | 1.97 | 76.6     | 6.92 |
| MW-408  | 36.      | 0.10       | 1.1          | NA     | 29.     | 0.01   | 0.01   | 0.010   | 3.79 | 184.2    | 6.48 |
| MW-409A | 13.      | 4.0        | 0.050        | NA     | 64.     | 0.01   | 0.01   | 0.01    | 3.27 | -54.8    | 6.84 |
| MW-414  | 210      | 55.        | 0.050        | 104    | 48.     | 0.01   | 0.01   | 5.4     | 4.55 | 0.1      | 6.23 |
| MW-415  | 2700     | 150        | 0.10         | 197    | 2800    | 0.01   | 0.01   | 0.14    | 5.99 | -3       | 6.3  |
| MW-416  | NA       | 20.        | 0.050        | NA     | 370     | 0.01   | 0.01   | 1.6     | 0.71 | -46.2    | 6.53 |
| MW-422A | 26.      | 0.10       | 0.48         | NA     | 44.     | 0.01   | 0.01   | 0.010   | 5.26 | 133.4    | 6.85 |
| MW-423A | 17.      | 0.24       | 0.050        | NA     | 34.     | 0.01   | 0.01   | 0.01    | 5.43 | 232.8    | 6.83 |
| MW-429  | 25.      | 0.10       | 0.31         | NA     | 21.     | 0.01   | 0.01   | 0.01    | 8.79 | 215.9    | 7.12 |

Note: All results in mg/l except ORP which is in mV

NA - Not Analyzed

Date of Sampling December 17-23, 2003