



**Analytes and Minimum Detectable Levels**

| Parameter  | MDL<br>(mg/L) | Parameter  | MDL<br>(mg/L) |
|--|---------------|--|---------------|
| <b>Metals</b>                                      |               | <b>Organic Chemicals – Volatile</b>                    |               |
| Aluminum   | 0.1           | 2,2-Dichloropropane                                    | 0.002         |
| Arsenic  | 0.005         | 1,1-Dichloropropene                                    | 0.002         |
| Barium   | 0.30          | 1,3-Dichloropropane                                    | 0.002         |
| Cadmium  | 0.002         | Ethylbenzene   | 0.001         |
| Calcium  | 2.0           | Styrene  | 0.001         |
| Chromium   | 0.010         | 1,1,1,2-Tetrachloroethane                              | 0.002         |
| Copper   | 0.004         | 1,1,2,2-Tetrachloroethane                              | 0.002         |
| Iron   | 0.020         | Tetrachloroethene (PCE)                                | 0.002         |
| Lead   | 0.002         | 1,2,4-Trichlorobenzene                                 | 0.002         |
| Lithium  | 0.001         | Ethylenedibromide (EDB)                                | 0.001         |
| Magnesium  | 0.10          | 1,2,3-Trichlorobenzene                                 | 0.002         |
| Manganese  | 0.004         | 1,1,2-Trichloroethane                                  | 0.002         |
| Mercury  | 0.001         | Trichlorofluoromethane                                 | 0.002         |
| Nickel   | 0.02          | 1,2,3-Trichloropropane                                 | 0.002         |
| Selenium   | 0.020         | Toluene  | 0.001         |
| Silver   | 0.002         | Xylene   | 0.001         |
| Sodium   | 1.0           | Methyl Tert Butyl Ether                                | 0.004         |
| Strontium  | 0.001         | Methyl Ethyl Ketone                                    | 0.010         |
| Uranium  | 0.001         | Acetone  | 0.010         |
| Zinc   | 0.004         | Tetrahydrofuran  | 0.010         |
| <b>Inrganics &amp; Physical Factors</b>            |               | Benzene  | 0.001         |
| Bromide  | 0.5           | Vinyl Chloride   | 0.001         |
| Chloride   | 5.0           | Carbon Tetrachloride                                   | 0.001         |
| Fluoride   | 0.5           | 1,2-Dichloroethane                                     | 0.001         |
| Nitrate as N                                       | 0.5           | Trichloroethene (TCE)                                  | 0.001         |
| Nitrite as N                                       | 0.5           | 1,4-Dichlorobenzene                                    | 0.001         |
| Ortho-Phosphate                                    | 2.0           | 1,1-Dichloroethene                                     | 0.001         |
| Sulfate  | 5.0           | 1,1,1-Trichloroethane                                  | 0.001         |
| Alkalinity   | 20            | Bromobenzene   | 0.002         |
| Hardness   | 10            | Bromomethane   | 0.002         |
| pH   | -             | Chlorobenzene  | 0.001         |
| Total Dissolved Solids                             | 20            | Chloroethane   | 0.002         |
| <b>Disinfectants &amp; Disinfection Byproducts</b> |               | Chloromethane  | 0.002         |
| Free Chlorine                                      | -             | 2-Chlorotoluene  | 0.001         |
| Total Chlorine                                     | -             | 4-Chlorotoluene  | 0.001         |
| Chloramine   | -             | Dibromochloropropane (DBCP)                            | 0.001         |
| Bromate  | 0.005         | <b>Organic Chemicals - Pesticides &amp; Herbicides</b> |               |
| Chlorite   | 0.005         | Alachlor   | 0.001         |
| Bromoform  | 0.004         | Atrazine   | 0.002         |
| Bromodichloromethane                               | 0.002         | Chlordane  | 0.001         |
| Chloroform   | 0.002         | Aldrin   | 0.002         |
| Dibromochloromethane                               | 0.004         | Dichloran  | 0.002         |
| Total Trihalomethanes                              | 0.002         | Dieldrin   | 0.001         |
| Monochloroacetic Acid                              | 0.001         | Endrin   | 0.0001        |
| Dichloroacetic Acid                                | 0.001         | Heptachlor   | 0.0004        |
| Monobromoacetic Acid                               | 0.001         | Heptachlor Epoxide                                     | 0.0001        |
| Trichloroacetic Acid                               | 0.001         | Hexachlorbenzene                                       | 0.0005        |
| Dibromoacetic Acid                                 | 0.001         | Hexachlorocyclopentadiene                              | 0.001         |
| Total Haloacetic Acids                             | 0.001         | Lindane  | 0.0002        |
| <b>Organic Chemicals – Volatiles</b>               |               | Methoxychlor   | 0.002         |
| Dibromomethane                                     | 0.002         | PCBs   | 0.0005        |
| 1,2-Dichlorobenzene                                | 0.001         | Pentachloronitrobenzene                                | 0.002         |
| 1,3-Dichlorobenzene                                | 0.001         | Silvex (2,4,5-TP)                                      | 0.005         |
| Dichlorodifluoromethane                            | 0.002         | Simazine   | 0.002         |
| 1,1-Dichloroethane                                 | 0.002         | Toxaphene  | 0.001         |
| trans-1,2-Dichloroethene                           | 0.002         | Trifuralin   | 0.002         |
| cis-1,2-Dichloroethene                             | 0.002         | 2,4-D  | 0.010         |
| Dichloromethane                                    | 0.002         |  |               |
| 1,2-Dichloropropane                                | 0.002         |  |               |
| trans-1,3-Dichloropropene                          | 0.002         |  |               |
| cis-1,3-Dichloropropene                            | 0.002         |  |               |