

**RRD PROGRAM REDESIGN
DRAFT PROPOSED SOIL CRITERIA, BACKGROUND AND CSAT CONCENTRATION
FOR A SUBSET OF HAZARDOUS SUBSTANCES**

| Hazardous Substance | State Default Background (µg/kg) | Residential Soil Criteria (32 acres) (µg/kg) | Nonresidential Soil Criteria (100 acres) (µg/kg) | Soil Saturation Concentration (µg/kg) |
|----------------------------|---|---|---|--|
| Aluminum (B) | 6.9E+6 | 6.7E+7 | 1.9E+8 | NA |
| Arsenic | 5.8E+3 | 1.0E+4 | 3.6E+4 | NA |
| Barium (B) | 7.5E+4 | 2.8E+7 | 5.7E+7 | NA |
| Benzene (I) | NA | 2.5E+3 | 2.6E+4 | 4.0E+5 |
| Benzo(a)pyrene (Q) | NA | 2.5E+3 | 1.1E+4 | NA |
| Cadmium (B) | 1.2E+3 | 2.2E+5 | 5.3E+5 | NA |
| Carbon tetrachloride | NA | 6.7E+2 | 6.8E+3 | 3.9E+5 |
| Chlordane (J) | NA | 3.7E+4 | 1.5E+5 | NA |
| Chromium (III) (B,H) | 1.8E+4 | 5.4E+7 | 9.3E+7 | NA |
| Chromium (VI) | NA | 2.2E+4 | 5.3E+4 | NA |
| Copper (B) | 3.2E+4 | 1.3E+7 | 2.5E+7 | NA |
| Ethylbenzene (I) | NA | 1.4E+5 | 1.3E+6 | 1.4E+5 |
| Magnesium (B) | NA | 1.1E+8 | 1.9E+8 | NA |
| Manganese (B) | 4.4E+5 | 1.1E+6 | 1.9E+6 | NA |
| Methylene chloride | NA | 3.9E+4 | 3.8E+5 | 2.3E+6 |
| Naphthalene | NA | 5.7E+4 | 4.1E+5 | NA |
| Selenium (B) | 4.1E+2 | 3.4E+6 | 7.8E+6 | NA |
| Silver (B) | 1.0E+3 | 8.6E+5 | 1.6E+6 | NA |
| Tetrachloroethylene | NA | 3.0E+4 | 2.6E+5 | 8.8E+4 |
| Toluene (I) | NA | 6.6E+5 | 4.7E+6 | 2.4E+5 |
| 1,2,4-Trichlorobenzene | NA | 5.7E+4 | 4.0E+5 | 1.1E+6 |
| Trichloroethylene | NA | 1.4E+4 | 1.3E+5 | 5.0E+5 |
| Vinyl chloride | NA | 7.1E+2 | 5.9E+3 | 4.9E+5 |
| Xylenes (I) | NA | 2.0E+5 | 1.4E+6 | 1.5E+5 |
| Zinc (B) | 4.7E+4 | 4.4E+8 | 9.3E+8 | NA |