**Section 742.APPENDIX A General**

**Section 742.TABLE I Chemicals Whose Tier 1 Class I Groundwater Remediation Objective Exceeds the 1 in 1,000,000 Cancer Risk Concentration**

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| --- | --- | --- | --- |
| **Chemical** | **Class I Groundwater Remediation Objective (mg/L)** | **1 in 1,000,000 Cancer Risk Concentration (mg/L)** | **ADL (mg/L)** |
| Aldrin | 0.014 | 0.000005 | 0.014 |
| Benzo(a)pyrene | 0.0002 | 0.000012 | 0.00023 |
| Bis(2-chloroethyl)ether | 0.01 | 0.000077 | 0.01 |
| Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl)phthalate) | 0.006 | 0.0061 | 0.0027 |
| Carbon Tetrachloride | 0.005 | 0.00066 | 0.0001 |
| Chlordane | 0.002 | 0.000066 | 0.00014 |
| DDD | 0.014 | 0.00023 | 0.014 |
| DDE | 0.01 | 0.00023 | 0.01 |
| DDT | 0.006 | 0.00023 | 0.006 |
| Dibenzo(a,h)anthracene | 0.0003 | 0.000012 | 0.0003 |
| 1,2-Dibromo-3-chloropropane | 0.0002 | 0.000061 | 0.001 |
| 1,2-Dibromoethane | 0.00005 | 0.00002 | 0.001 |
| 3,3'-Dichlorobenzidine | 0.02 | 0.00019 | 0.02 |
| 1,2-Dichloroethane | 0.005 | 0.00094 | 0.0003 |
| Dieldrin | 0.009 | 0.0000053 | 0.009 |
| 2,6-Dinitrotoluene | 0.00031 | 0.0001 | 0.00031 |
| Heptachlor | 0.0004 | 0.000019 | 0.013 |
| Heptachlor epoxide | 0.0002 | 0.0000094 | 0.015 |
| Hexachlorobenzene | 0.00006 | 0.000053 | 0.00006 |
| Alpha-HCH | 0.00011 | 0.000014 | 0.000111 |
| Tetrachloroethylene | 0.005 | 0.0016 | 0.0004 |
| Toxaphene | 0.003 | 0.000077 | 0.00086 |
| Vinyl chloride | 0.002 | 0.000045 | 0.0002 |

|  |  |
| --- | --- |
| Ionizable Organics |  |
| N-Nitrosodi-n-propylamine | 0.0018 | 0.000012 | 0.0018 |
| Pentachlorophenol | 0.001 | 0.00071 | 0.000076 |
| 2,4,6-Trichlorophenol | 0.01 | 0.007 | 0.01 |

|  |  |
| --- | --- |
| Inorganics |  |
| Arsenic | 0.05 | 0.000057 | 0.001 |
|  |  |  |  |

(Source: Appendix A, Table I renumbered from Appendix A, Table H and amended at 31 Ill. Reg. 4063, effective February 23, 2007)