**Section 726.APPENDIX G Health-Based Limits for Exclusion of Waste-Derived Residues**

NOTE 1: Under Section 726.212(b)(2)(A), the health-based concentration limits for Appendix H to 35 Ill. Adm. Code 721 constituents for which a health-based concentration is not provided below is 2 x 10-6 mg/kg (0.000002 mg/kg or 0.002 μg/kg).

NOTE 2: The levels specified in this Section and the default level of 0.002 μg/kg (0.000002 mg/kg) or the level of detection for constituents, as identified in Note 1, are administratively stayed under the condition, for those constituents specified in Section 726.212(b)(1), that the owner or operator complies with alternative levels defined as the land disposal restriction limits specified in 35 Ill. Adm. Code 728.143 and Table B to 35 Ill. Adm. Code 728 for F039 nonwastewaters. See Section 726.212(b)(2)(A).

Metals-TCLP Extract Concentration Limits

|  |  |  |
| --- | --- | --- |
| Constituent | CAS No. | Concentration limits  (mg/l) |
|  |  |  |
| Antimony | 7440-36-0 | 1. |
| Arsenic | 7440-38-2 | 5. |
| Barium | 7440-39-3 | 100. |
| Beryllium | 7440-41-7 | 0.007 |
| Cadmium | 7440-43-9 | 1. |
| Chromium | 7440-47-3 | 5. |
| Lead | 7439-92-1 | 5. |
| Mercury | 7439-97-6 | 0.2 |
| Nickel | 7440-02-0 | 70. |
| Selenium | 7782-49-2 | 1. |
| Silver | 7440-22-4 | 5. |
| Thallium | 7440-28-0 | 7. |

Nonmetals-Residue Concentration Limits

|  |  |  |
| --- | --- | --- |
| Constituent | CAS No. | Concentration limits  for residues (mg/kg) |
|  |  |  |
| Acetonitrile | 75-05-8 | 0.2 |
| Acetophenone | 98-86-2 | 4. |
| Acrolein | 107-02-8 | 0.5 |
| Acrylamide | 79-06-1 | 0.0002 |
| Acrylonitrile | 107-13-1 | 0.0007 |
| Aldrin | 309-00-2 | 0.00002 |
| Allyl alcohol | 107-18-6 | 0.2 |
| Aluminum phosphide | 20859-73-8 | 0.01 |
| Aniline | 62-53-3 | 0.06 |
| Barium cyanide | 542-62-1 | 1. |
| Benz(a)anthracene | 56-55-3 | 0.0001 |
| Benzene | 71-43-2 | 0.005 |
| Benzidine | 92-87-5 | 0.000001 |
| Bis(2-chloroethyl) ether | 111-44-4 | 0.0003 |
| Bis(chloromethyl) ether | 542-88-1 | 0.000002 |
| Bis(2-ethylhexyl) phthalate | 117-81-7 | 30. |
| Bromoform | 75-25-2 | 0.7 |
| Calcium cyanide | 592-01-8 | 0.000001 |
| Carbon disulfide | 75-15-0 | 4. |
| Carbon tetrachloride | 56-23-5 | 0.005 |
| Chlordane | 57-74-9 | 0.0003 |
| Chlorobenzene | 108-90-7 | 1. |
| Chloroform | 67-66-3 | 0.06 |
| Copper cyanide | 544-92-3 | 0.2 |
| Cresols (Cresylic acid) | 1319-77-3 | 2. |
| Cyanogen | 460-19-5 | 1. |
| DDT | 50-29-3 | 0.001 |
| Dibenz(a,h)anthracene | 53-70-3 | 0.000007 |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | 0.00002 |
| p-Dichlorobenzene | 106-46-7 | 0.075 |
| Dichlorodifluoromethane | 75-71-8 | 7. |
| 1,1-Dichloroethylene | 75-35-4 | 0.005 |
| 2,4-Dichlorophenol | 120-83-2 | 0.1 |
| 1,3-Dichloropropene | 542-75-6 | 0.001 |
| Dieldrin | 60-57-1 | 0.00002 |
| Diethyl phthalate | 84-66-2 | 30. |
| Diethylstilbestrol | 56-53-1 | 0.0000007 |
| Dimethoate | 60-51-5 | 0.03 |
| 2,4-Dinitrotoluene | 121-14-2 | 0.0005 |
| Diphenylamine | 122-39-4 | 0.9 |
| 1,2-Diphenylhydrazine | 122-66-7 | 0.0005 |
| Endosulfan | 115-29-7 | 0.002 |
| Endrin | 72-20-8 | 0.0002 |
| Epichlorohydrin | 106-89-8 | 0.04 |
| Ethylene dibromide | 106-93-4 | 0.0000004 |
| Ethylene oxide | 75-21-8 | 0.0003 |
| Fluorine | 7782-41-4 | 4. |
| Formic acid | 64-18-6 | 70. |
| Heptachlor | 76-44-8 | 0.00008 |
| Heptachlor epoxide | 1024-57-3 | 0.00004 |
| Hexachlorobenzene | 118-74-1 | 0.0002 |
| Hexachlorobutadiene | 87-68-3 | 0.005 |
| Hexachlorocyclopentadiene | 77-47-4 | 0.2 |
| Hexachlorodibenzo-p-dioxins | 19408-74-3 | 0.00000006 |
| Hexachloroethane | 67-72-1 | 0.03 |
| Hydrazine | 302-01-1 | 0.0001 |
| Hydrogen cyanide | 74-90-8 | 0.00007 |
| Hydrogen sulfide | 7783-06-4 | 0.000001 |
| Isobutyl alcohol | 78-83-1 | 10. |
| Methomyl | 16752-77-5 | 1. |
| Methoxychlor | 72-43-5 | 0.1 |
| 3-Methylcholanthrene | 56-49-5 | 0.00004 |
| 4,4'-Methylenebis(2-chloroaniline) | 101-14-4 | 0.002 |
| Methylene chloride | 75-09-2 | 0.05 |
| Methyl ethyl ketone (MEK) | 78-93-3 | 2. |
| Methyl hydrazine | 60-34-4 | 0.0003 |
| Methyl parathion | 298-00-0 | 0.02 |
| Naphthalene | 91-20-3 | 10. |
| Nickel cyanide | 557-19-7 | 0.7 |
| Nitric oxide | 10102-43-9 | 4. |
| Nitrobenzene | 98-95-3 | 0.02 |
| N-Nitrosodi-n-butylamine | 924-16-3 | 0.00006 |
| N-Nitrosodiethylamine | 55-18-5 | 0.000002 |
| N-Nitroso-N-methylurea | 684-93-5 | 0.0000001 |
| N-Nitrosopyrrolidine | 930-55-2 | 0.0002 |
| Pentachlorobenzene | 608-93-5 | 0.03 |
| Pentachloronitrobenzene (PCNB) | 82-68-8 | 0.1 |
| Pentachlorophenol | 87-86-5 | 1. |
| Phenol | 108-95-2 | 1. |
| Phenylmercury acetate | 62-38-4 | 0.003 |
| Phosphine | 7803-51-2 | 0.01 |
| Polychlorinated biphenyls, N.O.S | 1336-36-3 | 0.00005 |
| Potassium cyanide | 151-50-8 | 2. |
| Potassium silver cyanide | 506-61-6 | 7. |
| Pronamide | 23950-58-5 | 3. |
| Pyridine | 110-86-1 | 0.04 |
| Reserpine | 50-55-5 | 0.00003 |
| Selenourea | 630-10-4 | 0.2 |
| Silver cyanide | 506-64-9 | 4. |
| Sodium cyanide | 143-33-9 | 1. |
| Strychnine | 57-24-9 | 0.01 |
| 1,2,4,5-Tetrachlorobenzene | 95-94-3 | 0.01 |
| 1,1,2,2-tetrachloroethane | 79-34-5 | 0.002 |
| Tetrachloroethylene | 127-18-4 | 0.7 |
| 2,3,4,6-Tetrachlorophenol | 58-90-2 | 0.01 |
| Tetraethyl lead | 78-00-2 | 0.000004 |
| Thiourea | 62-56-6 | 0.0002 |
| Toluene | 108-88-3 | 10. |
| Toxaphene | 8001-35-2 | 0.005 |
| 1,1,2-Trichloroethane | 79-00-5 | 0.006 |
| Trichloroethylene | 79-01-6 | 0.005 |
| Trichloromonofluoromethane | 75-69-4 | 10. |
| 2,4,5-Trichlorophenol | 95-95-4 | 4. |
| 2,4,6-Trichlorophenol | 88-06-2 | 4. |
| Vanadium pentoxide | 1314-62-1 | 0.7 |
| Vinyl chloride | 75-01-4 | 0.002 |

(Source: Amended at 42 Ill. Reg. 23023, effective November 19, 2018)