**Section 742.APPENDIX A General**

**Section 742.TABLE H Concentrations of Polynuclear Aromatic Hydrocarbon Chemicals in Background Soils**

|  |  |  |  |
| --- | --- | --- | --- |
| Chemical Name | Chicagoa  mg/kg | Metropolitan Areasb  (mg/kg) | Non-Metropolitan  Areasc  (mg/kg) |
| 2-Methylnaphthalene | ----- | 0.14 | 0.29 |
| Acenaphthene | 0.09 | 0.13 | 0.04 |
| Acenaphthylene | 0.03 | 0.07 | 0.04 |
| Anthracene | 0.25 | 0.40 | 0.14 |
| Benzo(a)anthracene | 1.1 | 1.8 | 0.72 |
| Benzo(a)pyrene | 1.3 | 2.1 | 0.98 |
| Benzo(b)fluoranthene | 1.5 | 2.1 | 0.70 |
| Benzo(g,h,i)perylene | 0.68 | 1.7 | 0.84 |
| Benzo(k)fluoranthene | 0.99 | 1.7 | 0.63 |
| Chrysene | 1.2 | 2.7 | 1.1 |
| Dibenzo(a,h)anthracene | 0.20 | 0.42 | 0.15 |
| Fluoranthene | 2.7 | 4.1 | 1.8 |
| Fluorene | 0.10 | 0.18 | 0.04 |
| Indeno(1,2,3-c,d)pyrene | 0.86 | 1.6 | 0.51 |
| Naphthalene | 0.04 | 0.20 | 0.17 |
| Phenanthrene | 1.3 | 2.5 | 0.99 |
| Pyrene | 1.9 | 3.0 | 1.2 |
| a Chicago means within the corporate limits of the City of Chicago.  b Metropolitan area means a populated area, as defined in Section 742.200, (other than the City of Chicago) that is located within any county in a Metropolitan Statistical Area listed in Appendix A, Table G, footnote a.  c Non-Metropolitan area means a populated area, as defined in Section 742.200, that is not located within any county in a Metropolitan Statistical Area listed in Appendix A, Table G, footnote a. | | | |

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