



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

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2013 Screening Levels Tables Now Available

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Links to IDEM's 2013 screening levels tables (Tables A-6 and A-7) and a related Questions and Answers document are, or will soon be, available on the risk-based closure web page at: <https://www.in.gov/idem/cleanups/2392.htm>. As noted on page 10 of the [Remediation Program Guide](#), a six-month transition period applies to the new tables.

The 2013 version of Table A-6 includes all of the chemicals found in the 2012 table. It also contains new entries for the following seventeen chemicals: aldicarb sulfoxide; boron trichloride; 2-chloroethanol; cyclohexene; tetrahydrofuran; hexamethylphosphoramide; nitrate + nitrite (as N); di-N-octyl phthalate; sulfolane; thallium (I) nitrate; thallium acetate; thallium carbonate; thallium chloride; thallium sulfate; triacetin; tris(1-chloro-2-propyl)phosphate, and zirconium. Whereas the 2012 table grouped some chemicals (notably polyaromatic hydrocarbons) under general categories, all of the chemicals in the 2013 table are now in alphabetical order.

The table also reflects at least two hundred changes in various screening levels. Most of those changes relate to rounding differences, small changes in toxicity parameters, and/or apply to relatively obscure chemicals. However, changes in toxicity parameters drove some noteworthy differences between 2013 and 2012 screening levels for at least five chemicals commonly found at our sites: cyanide, 1-methylnaphthalene, 2-methylnaphthalene, methylene chloride, and tetrachloroethene (PCE). The 2013 table incorporates [previously announced optional screening levels for tetrachloroethene](#).

In addition, the commercial/industrial soil direct contact screening level for lead went from 1,300 mg/kg to 800 mg/kg, which brings IDEM into line with the U.S. EPA screening levels. The excavation worker screening level for lead is now rounded to 1,000 mg/kg (from 970 mg/kg), which conforms to U.S. EPA guidance regarding significant digits for lead screening levels. Other than the date, the only changes in the 2013 version of Table A-7 "Recreational Soil Direct Contact Screening Levels" concern lead, where screening levels for all each of the three recreational scenarios went from 400 mg/kg to 800 mg/kg.