



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

100 N. Senate Avenue • Indianapolis, IN 46204

(800) 451-6027 • (317) 232-8603 • www.idem.IN.gov

Michael R. Pence
Governor

Thomas W. Easterly
Commissioner

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Arsenic Screening Level Announcement

U.S. EPA recently revised soil direct contact screening levels for arsenic. The revisions follow their decision to employ a relative bioavailability (RBA) factor of less than 100 percent for arsenic exposure. The IDEM screening levels table (Table A-6) will not reflect this new information until our January 2014 update. However, responsible parties may propose use of remediation objectives based on the new U.S. EPA approach. Given the magnitude of these changes and the importance of this compound at many of our sites, IDEM has decided to provide optional screening levels that take the new approach into account. The following table shows IDEM's optional screening levels based on U.S. EPA's new approach.

Exposure Scenario	2013 Table A-6 Levels	Optional Levels
<i>Soil Direct Contact (mg/kg)</i>		
Residential	5.5	8.5
Commercial/Industrial	16	24
Excavation	430	640

mg/kg = milligrams per kilogram

If you have questions regarding this announcement, please consult with your IDEM project manager or contact Risk Services staff through the [Contact Risk](#) page on the IDEM [Risk-based Closure website](#).