



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

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The U.S. EPA recently announced the final National Primary Drinking Water Regulation for several perfluorinated chemicals in the table below. Maximum Contaminant Levels (MCLs) for these PFAS chemicals became effective on June 25, 2024.

Human Health: Standard Exposure Scenarios	Medium >	GROUNDWATER
	Type >	Long Term
	Land Use >	Res
	Units/Q >	µg/L Q
Hexafluoropropylene oxide dimer acid (HFPO-DA)	13252-13-6	1.E-02 M
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	1.E-02 M
Perfluorononanoic acid (PFNA)	375-95-1	1.E-02 M
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	4.E-03 M
Perfluorooctanoic acid (PFOA)	335-67-1	4.E-03 M

See EPA Fact Sheet for information on calculating the hazard index MCL for PFAS mixtures.
https://www.epa.gov/system/files/documents/2024-04/pfas-ncpdwr_fact-sheet_hazard-index_4.8.24.pdf

Soil levels for the following two perfluorinated chemicals are also updated based on new toxicity data published on EPA Regional Screening Level (RSL) page.

Human Health: Standard Exposure Scenarios	Medium >	SOIL		
	Type >	Long Term		Short Term
	Land Use >	Res	Com	Exc
	Units/Q >	mg/kg Q	mg/kg Q	mg/kg Q
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	9.E-03 N	8.E-02 N	2.E-01 N
Perfluorooctanoic acid (PFOA)	335-67-1	3.E-04 C	8.E-04 C	4.E-02 C

Additionally, in January 2024 the U.S. EPA announced updates to guidance for lead in residential soil regulated under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) sites and Resource Conservation and Recovery Act (RCRA) corrective action facilities. The updated lead levels are effective immediately and supersede the values in the R2 tables.

Human Health: Standard Exposure Scenarios	Medium >	SOIL
	Type >	Long Term
	Land Use >	Res
	Units/Q >	mg/kg Q
Lead and Compounds	7439-92-1	2.E+02
Lead and Compounds (with other sources of lead present, see Guidance)	7439-92-1	1.E+02

IDEM does not plan to revise its Published Level Table 1 until our next scheduled update in early 2025. U.S. EPA provides further information about changes in their guidance at the links below.



Visit on.IN.gov/survey or scan the QR code to provide feedback.

We appreciate your input!



Updated Soil Lead Guidance for CERCLA Sites and RCRA Corrective Action Facilities
<https://www.epa.gov/superfund/updated-soil-lead-guidance-cercla-sites-and-rcracorrective-action-facilities>

Per- and Polyfluoroalkyl Substances (PFAS) <https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>



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