

IDEM Published Levels Short Table Human Health: Standard Exposure Scenarios	Medium →	SOIL			GROUNDWATER	INDOOR AIR		SOIL GAS OR CONDUIT VAPOR					
	Type →	Long Term		Short Term	Long Term	Long Term		Subslab/Deep Exterior/Conduit			Shallow Exterior/Utility Corridor		
	Land Use →	Res	Com	Exc	Res	Res	Com	Res	Com	Large Com	Res	Com	Large Com
	Units   Qualifier →	(mg/kg) Q	(mg/kg) Q	(mg/kg) Q	(µg/L) Q	(µg/m <sup>3</sup> ) Q	(µg/m <sup>3</sup> ) Q	(µg/m <sup>3</sup> ) Q	(µg/m <sup>3</sup> ) Q	(µg/m <sup>3</sup> ) Q	(µg/m <sup>3</sup> ) Q	(µg/m <sup>3</sup> ) Q	(µg/m <sup>3</sup> ) Q
Arsenic, Inorganic	7440-38-2	1.E+01 C	3.E+01 C	9.E+02 N	1.E+01 M								
Benzene	71-43-2			2.E+03 S	5.E+00 M	4.E+00 C	2.E+01 C	1.E+02 C	5.E+02 C	5.E+03 C	4.E+01 C	2.E+02 C	2.E+03 C
Benzo[a]pyrene	50-32-8	2.E+00 C	2.E+01 C	5.E+02 N	2.E-01 M								
Chromium(VI)	18540-29-9	4.E+00 C	6.E+01 C	3.E+03 C	4.E-01 C								
Dichloroethane, 1,1-	75-34-3			2.E+03 S	3.E+01 C	2.E+01 C	8.E+01 C	6.E+02 C	3.E+03 C	3.E+04 C	2.E+02 C	8.E+02 C	8.E+03 C
Dichloroethane, 1,2-	107-06-2			7.E+02 N	5.E+00 M	1.E+00 C	5.E+00 C	4.E+01 C	2.E+02 C	2.E+03 C	1.E+01 C	5.E+01 C	5.E+02 C
Dichloroethylene, 1,1-	75-35-4			1.E+03 S	7.E+00 M	2.E+02 N	9.E+02 N	7.E+03 N	3.E+04 N	3.E+05 N	2.E+03 N	9.E+03 N	9.E+04 N
Dichloroethylene, cis-1,2-	156-59-2			1.E+03 N	7.E+01 M	4.E+01 N	2.E+02 N	1.E+03 N	6.E+03 N	6.E+04 N	4.E+02 N	2.E+03 N	2.E+04 N
Ethylbenzene	100-41-4			5.E+02 S	7.E+02 M	1.E+01 C	5.E+01 C	4.E+02 C	2.E+03 C	2.E+04 C	1.E+02 C	5.E+02 C	5.E+03 C
Lead and Compounds	7439-92-1	4.E+02	8.E+02	1.E+03	1.5E+01 M								
Mercury (elemental)	7439-97-6	3.E+00 S	3.E+00 S	3.E+00 S	2.E+00 M								
Methyl tert-Butyl Ether (MTBE)	1634-04-4			9.E+03 S	1.E+02 C	1.E+02 C	5.E+02 C	4.E+03 C	2.E+04 C	2.E+05 C	1.E+03 C	5.E+03 C	5.E+04 C
Methylnaphthalene, 1-	90-12-0	3.E+02 C	4.E+02 S	4.E+02 S	1.E+01 C								
Naphthalene	91-20-3	3.E+01 C	9.E+01 C	3.E+03 N	1.E+00 C								
PCBs: Polychlorinated Biphenyls (high risk)	1336-36-3	3.E+00 C	9.E+00 C	6.E+02 C	5.E-01 M								
Tetrachloroethylene	127-18-4			2.E+02 S	5.E+00 M	4.E+01 N	2.E+02 N	1.E+03 N	6.E+03 N	6.E+04 N	4.E+02 N	2.E+03 N	2.E+04 N
Toluene	108-88-3			8.E+02 S	1.E+03 M	5.E+03 N	2.E+04 N	2.E+05 N	7.E+05 N	7.E+06 N	5.E+04 N	2.E+05 N	2.E+06 N
Trichloroethane, 1,1,1-	71-55-6			6.E+02 S	2.E+02 M	5.E+03 N	2.E+04 N	2.E+05 N	7.E+05 N	7.E+06 N	5.E+04 N	2.E+05 N	2.E+06 N
Trichloroethane, 1,1,2-	79-00-5			3.E+01 N	5.E+00 M	2.E-01 N	9.E-01 N	7.E+00 N	3.E+01 N	3.E+02 N	2.E+00 N	9.E+00 N	9.E+01 N
Trichloroethylene	79-01-6			1.E+02 N	5.E+00 M	2.E+00 N	9.E+00 N	7.E+01 N	3.E+02 N	3.E+03 N	2.E+01 N	9.E+01 N	9.E+02 N
Trimethylbenzene, 1,2,3-	526-73-8			3.E+02 S	6.E+01 N	6.E+01 N	3.E+02 N	2.E+03 N	9.E+03 N	9.E+04 N	6.E+02 N	3.E+03 N	3.E+04 N
Trimethylbenzene, 1,2,4-	95-63-6			2.E+02 S	6.E+01 N	6.E+01 N	3.E+02 N	2.E+03 N	9.E+03 N	9.E+04 N	6.E+02 N	3.E+03 N	3.E+04 N
Trimethylbenzene, 1,3,5-	108-67-8			2.E+02 S	6.E+01 N	6.E+01 N	3.E+02 N	2.E+03 N	9.E+03 N	9.E+04 N	6.E+02 N	3.E+03 N	3.E+04 N
Vinyl Chloride	75-01-4			1.E+03 C	2.E+00 M	2.E+00 C	3.E+01 C	6.E+01 C	9.E+02 C	9.E+03 C	2.E+01 C	3.E+02 C	3.E+03 C
Xylenes	1330-20-7			3.E+02 S	1.E+04 M	1.E+02 N	4.E+02 N	3.E+03 N	1.E+04 N	1.E+05 N	1.E+03 N	4.E+03 N	4.E+04 N

Note: For your convenience, this short table includes some of the commonly encountered chemicals in the environmental media from release sources. This short table is not a substitute of Table 1. The list may not include all of the release-related chemicals for a particular facility, and all release-related chemicals, included in this short table or not, should be determined, investigated and reported as required by Indiana laws, regulations, and non-rule policies.

C = Carcinogenic endpoint

M = Set to maximum contaminant limit (MCL; ground water only)

mg/kg = milligrams per kilogram

N = Noncarcinogenic endpoint

S = Capped at soil saturation limit

µg/L = micrograms per liter; µg/m<sup>3</sup> = micrograms per cubic meter

IDEM generally considers shallow soil gas to include samples collected no more than five feet below ground surface, and deep soil gas samples to include samples collected at more than five feet below ground surface.