

Indiana Department of Environmental Management
Outside the Great Lakes System
Water Quality Criteria Calculated Using the Methodologies at 327 IAC 2-1-8.2 and 8.3

CAS #	Parameter Name	Aquatic Life Criteria and Values (µg/L)		
		Acute	Chronic	Date
		Acute Aquatic Criteria (AAC)	Chronic Aquatic Criteria (CAC)	
75070	Acetaldehyde	1,500	68	5/29/13
120127	Anthracene	0.23	0.01	12/31/19
7440360	Antimony	720	210	8/12/21
7440417	Beryllium	$e^{(1.6839*(\ln(H))-3.6603)}$	$e^{(1.6839*(\ln(H))-6.7738)}$	8/5/20
7440428	Boron	41,000	7,700	7/10/13
7726956	Bromine	3.8	0.17	5/21/08
7440484	Cobalt	140	53	10/22/21
156592	1,2-cis-Dichloroethylene	7,200	320	4/2/08
156605	1,2-trans-Dichloroethylene	18,000	800	5/22/08
60297	Diethyl Ether	8,300	370	3/9/10
109897	Diethylamine	230	10	9/25/20
91667	N,N-Diethylaniline	130	5.8	3/15/10
20461545	Iodide	78	78	12/31/19
7439896	Iron	2,744	2,495	6/10/97
7439932	Lithium	910	910	8/5/21
7439965	Manganese	$e^{(0.8784*(\ln(H))+4.3075)}$	$e^{(0.8784*(\ln(H))+3.5385)}$	8/4/21
7439987	Molybdenum	84,000	3,800	5/22/08
7440246	Strontium	40,000	40,000	12/31/19
127184	Tetrachloroethylene	1,400	210	4/14/08
7440280	Thallium	86	35	5/20/09
71556	1,1,1-Trichloroethane	1,100	50	5/28/08
79016	Trichloroethylene	2,200	100	4/15/08
121448	Triethylamine	1,700	1,700	10/18/21
75014	Vinyl Chloride	11,000	480	4/2/08

Notes

All criteria and values are expressed as total unless otherwise specified
 All criteria in this table are subject to change as more data become available.
 Date = date criteria was last revised

Last modified: May 25, 2023

Contact Information

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Errors corrected and other edits added since last spreadsheet version dating December 3, 2021

New or revised criteria added to spreadsheet since last version dating December 3, 2021