# **First Notice**

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65			Concentrations for Class I: Potable Resource Groundwater
66	620.APPEND	IX B	Procedures for Determining Hazard Indices for Class I: Potable
67			Resource Groundwater for Mixtures of Similar-Acting Substances
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69			Acting Substances in Class I: Potable Resource Groundwaters is
70			Appropriate
71	620.APPEND	IX D	Information Required for Groundwater Management Zone
72			Application under 35 Ill. Adm. Code 620.250(b) and Corrective
73			Action Completion Certification under 35 Ill. Adm. Code
74			620.250(d)
75	620.APPEND	IX E	Similar-Acting Substances
76	620.TA	ABLE A	Similar-Acting Noncarcinogenic Constituents
77	620.TA	ABLE B	Similar-Acting Carcinogenic Constituents
78			
79	AUTHORITY	: Implementir	ng and authorized by Section 8 of the Illinois Groundwater
80	Protection Act [415 ILCS 55/8] and authorized by Section 27 of the Illinois Environmental		
81	Protection Act	t [415 ILCS 5/2	27].
82			
83	SOURCE: Ad	dopted in R89-	14(B) at 15 Ill. Reg. 17614, effective November 25, 1991; amended
84	in R89-14(C)	at 16 Ill. Reg.	14667, effective September 11, 1992; amended in R93-27 at 18 Ill.
85	Reg. 14084, et	ffective Augus	t 24, 1994; amended in R96-18 at 21 Ill. Reg. 6518, effective May 8,
86	1997; amende	d in R97-11 at	21 Ill. Reg. 7869, effective July 1, 1997; amended in R01-14 at 26

87 88		2, effective February 5, 2002; amended in R08-18 at 36 Ill. Reg. 15206, effective 012; amended in R08-18(B) at 37 Ill. Reg. 16529, effective October 7, 2013;
89		R22-18 at 49 Ill. Reg. 4488, effective March 28, 2025; amended in R25-23 at 49 Ill.
90		, effective
91	10g	., спесите
92		SUBPART A: GENERAL
93	C4: (20	125 I
94 95	Section 620	.125 Incorporations by Reference
96 97	a)	The Board incorporates the following material by reference:
91 98		ASTM International 100 Parr Harbor Drive DO Pay C700 West
70 99		ASTM International. 100 Barr Harbor Drive, PO Box C700, West
)9 )0		Conshohocken, PA 19428-2959 (610) 832-9500.
)1		"Standard Practice for Classification of Soils for Engineering
)2		Purposes (Unified Classification System)" ASTM D2487-06.
)3		Turposes (Offified Classification System) ASTW D2467-00.
)4		"Standard Test Method for Determination of Per- and
)5		Polyfluoroalkyl Substances in Water, Sludge, Influent, Effluent,
6		and Wastewater by Liquid Chromatography Tandem Mass
7		Spectrometry (LC/MS/MS) ASTM D7979-20.
8		Spectrometry (Echinolina) Holling Physics
9		CFR (Code of Federal Regulations). Available from the Superintendent of
0		Documents, U.S. Government Printing Office, Washington, D.C. 20402
1		(202) 783-3238.
2		
3		Method Detection Limit Definition, appendix B to Part 136, 40
4		CFR 136, appendix B – Revision 2 (82 FR 40939, Aug. 28, 2017).
5		
5		Control of Lead and Copper, general requirements, 40 CFR 141.80
7		(72 FR 57814, Oct. 10, 2007).
3		
9		Maximum contaminant levels for organic contaminants, 40 CFR
)		141.61 (59 FR 34324, July 1, 1994).
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2		Maximum contaminant levels for inorganic contaminants, 40 CFR
3		141.62 (69 FR 38855, June 29, 2004).
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5		Maximum contaminant levels for radionuclides, 40 CFR 141.66
5		(65 FR 76748, Dec. 7, 2000).
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3		GPO. Superintendent of Documents, U.S. Government Printing Office,
29		Washington, D.C. 20401 (202) 783-3238.

130	
131	USEPA Guidelines for Carcinogenic Risk Assessment, 51 Fed.
132	Reg. 33992-34003 (September 24, 1986).
133	
134	Illinois Environmental Protection Agency, at the address of the Illinois
135	EPA's headquarters as designated on the Illinois EPA's website 2520 W.
136	<del>Iles Ave., P.O. Box 19276, Springfield, IL 62794-9276</del> (217) 785-4787.
137	
138	"Guidance Document for Groundwater Protection Needs
139	Assessments", Agency, Illinois State Water Survey, and Illinois
140	State Geologic Survey Joint Report, January 1995.
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142	"Illinois Integrated Water Quality Report and Section 303(d) List,
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149	Illinois Pollution Control Board, 60 E. Van Buren, Suite 630, Chicago, IL
150	60605 (312) 814-3669.
151	
152	"Class III Groundwater Listing Notice Fogelpole Cave Nature
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155	"Class III Groundwater Listing Notice Pautler Cave Nature
156	Preserve and Stemler Cave Nature Preserve", Environmental
157	Register, No. 611, May 2005.
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159	"Class III Groundwater Listing Notice Armin Kruger Speleological
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162	"Class III Groundwater Listing Notice Cotton Creek Marsh Nature
163	Preserve and Spring Grove Fen Nature Preserve", Environmental
164	Register, No. 697, July 2012.
165	BOARD NOTE: The Environmental Register is a Board
166	publication available on the Board's website at
167	https://pcb.illinois.gov/Resources/EnvironmentalRegister.
168	https://peo.htmlois.gov/resources/Environmentantegister.
169	NAS National Academy of Sciences, Engineering, and Medicine,
170	500 5 <sup>th</sup> St. NW, Washington DC, 20001 (202) 334-2000.
170 171	500 5 St. 1417, Washington DC, 20001 (202) 554-2000.
171 172	"Water Quality Criteria 1972", EPA.R3.73-033, 1973.
L / 4	water Quarty Chieffa 17/2, El A.R.J. 15-033, 17/3.

173	https://nepis.epa.gov
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175	NCRP. National Council on Radiation Protection, 7910 Woodmont Ave.,
176	Bethesda, MD (301) 657-2652.
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178	"Maximum Permissible Body Burdens and Maximum Permissible
179	Concentrations of Radionuclides in Air and in Water for
180	Occupational Exposure", NCRP Report Number 22, June 5, 1959.
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182	USEPA, 1200 Pennsylvania Avenue, N. W., Washington DC, 20460
183	(202) 564-4700.
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185	"Low Stress (low flow) Purging and Sampling Procedure for the
186	Collection of Groundwater Samples from Monitoring Wells", EPA
187	Publication EQASOP-GW4, Region 1 Low-Stress (low flow) SOP
188	Revision No. 4, July 30, 1996; revised September 19, 2017.
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190	"Methods for Chemical Analysis of Water and Wastes", March
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251 252	"Test Methods for Evaluating Solid Waste, Physical/Chemical
252 253	Methods", USEPA Publication No. SW-846, Third Edition, Final
253 254	Updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997),
255 255	IIIA (1999), IIIB (2005), IV (2008), V (2015), VI Phase 1 (2017),
255 256	VI Phase 2 (2018), VI Phase 3 (2019), and VII Phase 1 (2020).
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267	533-815b19020.pdf.
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269	USEPA, Office of Research and Development, Center for Environmental
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272	Shoemaker, J. and Dan Tettenhorst, Method 537.1: Determination
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299	Extrapolation", EPA/R-14/002F, September 2014.
300	Endupolation, El 1918-14/0021, Deptember 2014.
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304	"Supplemental Guidance for Assessing Susceptibility for Early-
305	Life Exposure to Carcinogens", EPA/630/R-03/003F, March 2005
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307	United States Geological Survey, 1961 Stout St., Denver, CO 80294
308	(303) 844-4169
309	
310	"Techniques of Water Resources Investigations of the United
311	States Geological Survey, Guidelines for Collection and Field
312	Analysis of Ground-Water Samples for Selected Unstable
313	Constituents", Book I, Chapter D2 (1976).
314	
315	b) This Section incorporates no later editions or amendments.
316	
317	(Source: Amended at 49 Ill. Reg, effective)