

## POLLUTION CONTROL BOARD

## NOTICE OF PROPOSED AMENDMENTS

- 1) Heading of the Part: Water Use Designations and Site-Specific Water Quality Standards
- 2) Code Citation: 35 Ill. Adm. Code 303
- 3) 

<u>Section Numbers:</u>	<u>Proposed Actions:</u>
303.100	Amendment
303.101	Amendment
303.200	Amendment
303.201	Amendment
303.202	Amendment
303.204	Amendment
303.205	Amendment
303.206	Amendment
303.225	Amendment
303.230	Amendment
303.235	Amendment
303.240	Amendment
303.300	Amendment
303.311	Amendment
303.321	Amendment
303.322	Amendment
303.323	Amendment
303.326	Amendment
303.331	Amendment
303.341	Amendment
303.351	Amendment
303.352	Amendment
303.353	Amendment
303.361	Amendment
303.400	Amendment
303.410	Amendment
303.430	Repealed
303.431	Repealed
303.442	Amendment
303.444	Amendment
303.445	Amendment
303.446	Amendment
303.447	Repealed
303.448	Repealed
303.449	Amendment

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303.500	Amendment
303.502	Amendment
303.Appendix A	Repealed
303.Appendix B	Repealed

- 4) Statutory Authority: Implementing Section 13 and authorized by Sections 11(b), 27, and 28 of the Environmental Protection Act [415 ILCS 5/11(b), 13, 27, and 28].
- 5) A Complete Description of the Subjects and Issues Involved: In 2016, the Board began reviewing its rules to identify obsolete, repetitive, confusing, or otherwise unnecessary language. On January 10, 2018, the Illinois Environmental Protection Agency (IEPA) filed a proposal to update provisions including Part 303. IEPA's proposal arose from Executive Order 2016-13, which required agencies to identify outdated, repetitive, confusing, or unnecessary rules and then amend or repeal them. These proposed amendments to Part 303 include those submitted by IEPA and those identified separately by the Board. Both IEPA and the Board intend the amendments to be non-substantive clarifications.
- 6) Published studies or reports, and sources of underlying data, used to compose this rulemaking: No
- 7) Will this proposed rulemaking replace an emergency rule currently in effect? No
- 8) Does this rulemaking contain an automatic repeal date? No
- 9) Does this proposed rulemaking contain incorporations by reference? No
- 10) Are there any proposed rulemakings to this Part pending? No
- 11) Statement of Statewide Policy Objectives: This proposed amendment does not create or enlarge a state mandate as defined in Section 3(b) of the State Mandates Act. [30 ILCS 805/3].
- 12) Time, Place, and Manner in which interested persons may comment on this proposed rulemaking: The Board will accept written public comments on this proposal for a period of at least 45 days after the date of publication in the *Illinois Register*. Public comments should refer to Docket R18-23 and be filed electronically through the Clerk's Office On-Line (COOL) on the Board's website at pcb.illinois.gov. Public comments may be addressed to:

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Clerk's Office  
Illinois Pollution Control Board  
100 W. Randolph St., Suite 11-500  
Chicago, IL 60601

Interested persons may download copies of the Board's opinions and orders in R18-23 from the Board's Web site at [pcb.illinois.gov](http://pcb.illinois.gov) and may also request copies by calling the Clerk's office at 312-814-3620.

- 13) Initial Regulatory Flexibility Analysis:
- A) Types of small businesses, small municipalities and not for profit corporations affected: None
  - B) Reporting, bookkeeping or other procedures required for compliance: None
  - C) Types of Professional skills necessary for compliance: None
- 14) Small Business Impact Analysis: The Board expects that this rulemaking will not have an adverse impact on small business.
- 15) Regulatory Agenda on which this rulemaking was summarized: January 2022

The full text of the Proposed Amendments begins on the next page:

TITLE 35: ENVIRONMENTAL PROTECTION  
SUBTITLE C: WATER POLLUTION  
CHAPTER I: POLLUTION CONTROL BOARD

PART 303  
WATER USE DESIGNATIONS AND SITE-SPECIFIC  
WATER QUALITY STANDARDS

SUBPART A: GENERAL PROVISIONS

11	Section	
12	303.100	Scope and Applicability
13	303.101	Multiple Designations
14	303.102	Rulemaking Required (Repealed)

SUBPART B: NONSPECIFIC WATER USE DESIGNATIONS

18	Section	
19	303.200	Scope and Applicability
20	303.201	General Use Waters
21	303.202	Public and Food Processing Water Supplies
22	303.203	Underground Waters
23	303.204	Chicago Area Waterway System and Lower Des Plaines River
24	303.205	Outstanding Resource Waters
25	303.206	List of Outstanding Resource Waters
26	303.220	Primary Contact Recreation Waters
27	303.225	Incidental Contact Recreation Waters
28	303.227	Non-Contact Recreation Waters and Non-Recreational Waters
29	303.230	Upper Dresden Island Pool Aquatic Life Use Waters
30	303.235	Chicago Area Waterway System Aquatic Life Use A Waters
31	303.240	Chicago Area Waterway System and Brandon Pool Aquatic Life Use B Waters

SUBPART C: SPECIFIC USE DESIGNATIONS AND SITE  
SPECIFIC WATER QUALITY STANDARDS

36	Section	
37	303.300	Scope and Applicability
38	303.301	Organization
39	303.311	Ohio River Temperature
40	303.312	Waters Receiving Fluorspar Mine Drainage (Repealed)
41	303.321	Wabash River Temperature
42	303.322	Unnamed Tributary of the Vermilion River
43	303.323	Sugar Creek and Its Unnamed Tributary
44	303.326	Unnamed Tributary of Salt Creek, Salt Creek, and Little Wabash River

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- 45 303.331 Mississippi River North Temperature
- 46 303.341 Mississippi River North Central Temperature
- 47 303.351 Mississippi River South Central Temperature
- 48 303.352 Unnamed Tributary of Wood River Creek
- 49 303.353 Schoenberger Creek; Unnamed Tributary of Cahokia Canal
- 50 303.361 Mississippi River South Temperature
- 51 303.400 Bankline Disposal Along the Illinois Waterway/River
- 52 303.410 Chronic Nickel Water Quality Standard for Segment of the Sangamon River
- 53 303.430 Unnamed Tributary to Dutch Creek (Repealed)
- 54 303.431 Long Point Slough and Its Unnamed Tributary (Repealed)
- 55 303.441 Secondary Contact Waters (Repealed)
- 56 303.442 Waters Not Designated for Public Water Supply
- 57 303.443 Lake Michigan Basin
- 58 303.444 Salt Creek, Higgins Creek, West Branch of the DuPage River, Des Plaines River
- 59 303.445 Total Dissolved Solids Water Quality Standard for the Lower Des Plaines River
- 60 303.446 Boron Water Quality Standard for Segments of the Sangamon River and the
- 61 Illinois River
- 62 303.447 Unnamed Tributary of the South Branch Edwards River and South Branch
- 63 Edwards River (Repealed)
- 64 303.448 Mud Run Creek (Repealed)
- 65 303.449 Chicago Sanitary and Ship Canal

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67

### SUBPART D: THERMAL DISCHARGES

68

69 Section

70 303.500 Scope and Applicability

71 303.502 Lake Sangchris Thermal Discharges

72

73 303.APPENDIX A References to Previous Rules (Repealed)

74 303.APPENDIX B Sources of Codified Sections (Repealed)

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76 AUTHORITY: Implementing Section 13 and authorized by Sections 11(b), 27, and 28 of the  
77 Environmental Protection Act [415 ILCS 5/11(b), 13, 27, and 28].

78

79 SOURCE: Filed with the Secretary of State January 1, 1978; amended at 2 Ill. Reg. 27, p. 221,  
80 effective July 5, 1978; amended at 3 Ill. Reg. 20, p. 95, effective May 17, 1979; amended at 5 Ill.  
81 Reg. 11592, effective October 19, 1981; codified at 6 Ill. Reg. 7818; amended at 6 Ill. Reg.  
82 11161, effective September 7, 1982; amended at 7 Ill. Reg. 8111, effective June 23, 1983;  
83 amended in R87-27 at 12 Ill. Reg. 9917, effective May 27, 1988; amended in R87-2 at 13 Ill.  
84 Reg. 15649, effective September 22, 1989; amended in R87-36 at 14 Ill. Reg. 9460, effective  
85 May 31, 1990; amended in R86-14 at 14 Ill. Reg. 20724, effective December 18, 1990; amended  
86 in R89-14(C) at 16 Ill. Reg. 14684, effective September 10, 1992; amended in R92-17 at 18 Ill.  
87 Reg. 2981, effective February 14, 1994; amended in R91-23 at 18 Ill. Reg. 13457, effective  
88 August 19, 1994; amended in R93-13 at 19 Ill. Reg. 1310, effective January 30, 1995; amended

89 in R95-14 at 20 Ill. Reg. 3534, effective February 8, 1996; amended in R97-25 at 22 Ill. Reg.  
90 1403, effective December 24, 1997; amended in R01-13 at 26 Ill. Reg. 3517, effective February  
91 22, 2002; amended in R03-11 at 28 Ill. Reg. 3071, effective February 4, 2004; amended in R06-  
92 24 at 31 Ill. Reg. 4440, effective February 27, 2007; amended in R09-8 at 33 Ill. Reg. 7903,  
93 effective May 29, 2009; amended in R09-11 at 33 Ill. Reg. 12258, effective August 11, 2009;  
94 amended in R08-9(A) at 35 Ill. Reg. 15078, effective August 23, 2011; amended in R11-18 at 36  
95 Ill. Reg. 18898, effective December 12, 2012; amended in R08-9(C) at 38 Ill. Reg. 5517,  
96 effective February 13, 2014; amended in R08-09(D) at 39 Ill. Reg. 9423, effective July 1, 2015;  
97 amended in R14-24 at 42 Ill. Reg. 20947, effective November 19, 2018; amended in R18-23 at  
98 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

99  
100 **SUBPART A: GENERAL PROVISIONS**

101  
102 **Section 303.100 Scope and Applicability**

103  
104 Part 303 contains water use designations that determine which set of Part 302  
105 water quality standards apply for a given body of water. Part 303 also contains  
106 site specific water quality standards.

107  
108 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

109  
110 **Section 303.101 Multiple Designations**

111  
112 Unless otherwise expressly stated, waters designated for specific uses must meet the most  
113 restrictive standards listed in 35 Ill. Adm. Code 302 for any specified use, in addition to meeting  
114 the general standards of Subpart B of 35 Ill. Adm. Code 302.

115  
116 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

117  
118 **SUBPART B: NONSPECIFIC WATER USE DESIGNATIONS**

119  
120 **Section 303.200 Scope and Applicability**

121  
122 Subpart B contains general water use designations. These Sections, together with the specific  
123 designations of Subpart C, determine which set of water quality standards of 35 Ill. Adm. Code  
124 302 applies to a given body of water.

125  
126 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

127  
128 **Section 303.201 General Use Waters**

129  
130 Except as otherwise specifically provided, all waters of the State must meet the general use  
131 standards of Subpart B of 35 Ill. Adm. Code 302.

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(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 303.202 Public and Food Processing Water Supplies**

Except as otherwise specifically provided and in addition to the general use standards of Subpart B of 35 Ill. Adm. Code 302, waters of the State must meet the public and food processing water supply standards of Subpart C of 35 Ill. Adm. Code 302, at any point where water is withdrawn for treatment and distribution as a potable supply or for food processing.

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 303.204 Chicago Area Waterway System and Lower Des Plaines River**

The Chicago Area Waterway System and Lower Des Plaines River Waters are designated to protect for primary contact recreation, incidental contact or non-contact recreational uses (except where designated as non-recreational waters), commercial activity (including navigation and industrial water supply uses), and the highest quality aquatic life and wildlife attainable, limited only by the physical condition of these waters and hydrologic modifications to these waters.

Except for the Chicago River, these waters are required to meet the standards contained in 35 Ill. Adm. Code 302, Subpart D, but are not required to meet the general use standards or the public and food processing water supply standards of 35 Ill. Adm. Code 302, Subpart B and C, except that the waters designated as Primary Contact Recreation Waters in 35 Ill. Adm. Code 303.220 must meet the numeric water quality standard for fecal coliform bacteria applicable to protected waters in 35 Ill. Adm. Code 302.209. Designated recreational uses and aquatic life use for each segment of the Chicago Area Waterway System and Lower Des Plaines River are identified in this Subpart. The Chicago River must meet the general use standards of 35 Ill. Adm. Code 302, Subpart B, including the numeric water quality standard for fecal coliform bacteria applicable to protected waters in 35 Ill. Adm. Code 302.209.

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

### **Section 303.205 Outstanding Resource Waters**

An Outstanding Resource Water (ORW) is a surface water body or water body segment that is of exceptional ecological or recreational significance and must be designated by the Board under 35 Ill. Adm. Code 102.Subpart H.

- a) Outstanding Resource Waters (ORW) must be listed in 35 Ill. Adm. Code 303.206. In addition to all other applicable use designations and water quality standards contained in this Subtitle, an ORW is subject to the antidegradation provision of 35 Ill. Adm. Code 302.105(b).
- b) A petition to designate a surface water body or water body segment as an ORW must be submitted to the Illinois Pollution Control Board under the procedural

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177 rules in 35 Ill. Adm. Code 102.Subpart H.

178

179 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

180

### **Section 303.206 List of Outstanding Resource Waters**

182

183 The Board has not designated any Outstanding Resource Waters under 35 Ill. Adm. Code  
184 102.Subpart H.

185

186 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

187

### **Section 303.225 Incidental Contact Recreation Waters**

189

190 The following waters are designated as Incidental Contact Recreation Waters and must protect  
191 for incidental contact recreational uses as defined in 35 Ill. Adm. Code 301.282.

192

193 a) Upper North Shore Channel from Wilmette Pumping Station to North Side Water  
194 Reclamation Plant;

195

196 b) South Fork of the South Branch of the Chicago River (Bubbly Creek);

197

198 c) Chicago Sanitary and Ship Canal from its confluence with South Branch of the  
199 Chicago River to its confluence with Calumet-Sag Channel;

200

201 d) Calumet River from Torrence Avenue to its confluence with Grand Calumet  
202 River and Little Calumet River;

203

204 e) Lake Calumet;

205

206 f) Lake Calumet Connecting Channel;

207

208 g) Grand Calumet River;

209

210 h) Lower Des Plaines River from the Brandon Road Lock and Dam to the Interstate  
211 55 Bridge.

212

213 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

214

### **Section 303.230 Upper Dresden Island Pool Aquatic Life Use Waters**

216

217 Upper Dresden Island Pool Aquatic Life Use Waters

218

219 a) Lower Des Plaines River from the Brandon Road Lock and Dam to the Interstate  
220 55 Bridge is designated as the Upper Dresden Island Pool Aquatic Life Use.



221 These waters are capable of maintaining, and must have quality sufficient to  
222 protect, aquatic-life populations consisting of individuals of tolerant,  
223 intermediately tolerant, and intolerant types that are adaptive to the unique flow  
224 conditions necessary to maintain navigational use and upstream flood control  
225 functions of the waterway system. The aquatic life may include largemouth bass,  
226 bluntnose minnow, channel catfish, orangespotted sunfish, smallmouth bass,  
227 shorthead redhorse, and spottail shiner.

- 228
- 229 b) Upper Dresden Island Pool Aquatic Life Use Waters must meet the water quality  
230 standards of 35 Ill. Adm. Code 302 Subpart D.

231  
232 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

233  
234 **Section 303.235 Chicago Area Waterway System Aquatic Life Use A Waters**

- 235
- 236 a) Waters designated as Chicago Area Waterway System Aquatic Life Use A Waters  
237 are capable of maintaining, and must have quality sufficient to protect, aquatic-  
238 life populations predominated by individuals of tolerant and intermediately  
239 tolerant types that are adaptive to the unique physical conditions, flow patterns,  
240 and operational controls necessary to maintain navigational use, flood control, and  
241 drainage functions of the waterway system. The aquatic life may include fish  
242 species, such as channel catfish, largemouth bass, bluegill, black crappie, spotfin  
243 shiner, orangespotted sunfish, common carp, and goldfish.

- 244
- 245 b) Waters designated as Chicago Area Waterway System Aquatic Life Use A Waters  
246 are not capable of attaining an aquatic life use consistent with the section  
247 101(a)(2) of the Clean Water Act goal (33 U.S.C. 1251(a)(2)).

- 248
- 249 c) The following waters are designated as Chicago Area Waterway System Aquatic  
250 Life Use A Waters and must meet the water quality standards of 35 Ill. Adm.  
251 Code 302. Subpart D:

- 252
- 253 1) Upper North Shore Channel from Wilmette Pumping Station to North Side  
254 Water Reclamation Plant;
- 255
- 256 2) Lower North Shore Channel from North Side Water Reclamation Plant to  
257 confluence with North Branch of the Chicago River;
- 258
- 259 3) North Branch of the Chicago River from its confluence with North Shore  
260 Channel to its confluence with South Branch of the Chicago River and  
261 Chicago River;
- 262
- 263 4) South Branch of the Chicago River;
- 264

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- 265 5) Calumet-Sag Channel;  
266  
267 6) Calumet River from Lake Michigan to its confluence with Grand Calumet  
268 River and Little Calumet River;  
269  
270 7) Little Calumet River from its confluence with Calumet River and Grand  
271 Calumet River to its confluence with Calumet-Sag Channel;  
272  
273 8) Grand Calumet River;  
274  
275 9) Lake Calumet; and  
276  
277 10) Lake Calumet Connecting Channel.  
278

279 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
280

### **Section 303.240 Chicago Area Waterway System and Brandon Pool Aquatic Life Use B Waters**

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282  
283  
284 a) Waters designated as Chicago Area Waterway System and Brandon Pool Aquatic  
285 Life Use B Waters are capable of maintaining, and must have quality sufficient to  
286 protect, aquatic life populations predominated by individuals of tolerant types that  
287 are adaptive to unique physical conditions and modifications of long duration,  
288 including artificially constructed channels consisting of vertical sheet-pile,  
289 concrete and rip-rap walls designed to support commercial navigation, flood  
290 control, and drainage functions in deep-draft, steep-walled shipping channels.  
291 The aquatic life may include fish species, such as common carp, golden shiner,  
292 bluntnose minnow, yellow bullhead and green sunfish.  
293  
294 b) Waters designated as Chicago Area Waterway System and Brandon Pool Aquatic  
295 Life Use B Waters are not capable of attaining an aquatic life use consistent with  
296 the section 101(a)(2) of the Clean Water Act goal (33 U.S.C. 1251(a)(2)).  
297  
298 c) The following waters are designated as Chicago Area Waterway System and  
299 Brandon Pool Aquatic Life Use B Waters and must meet the water quality  
300 standards of 35 Ill. Adm. Code 302 Subpart D:  
301  
302 1) Chicago Sanitary and Ship Canal; and  
303  
304 2) Lower Des Plaines River from its confluence with Chicago Sanitary and  
305 Ship Canal to the Brandon Road Lock and Dam (Brandon Pool).  
306

307 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
308

309 SUBPART C: SPECIFIC USE DESIGNATIONS AND SITE  
310 SPECIFIC WATER QUALITY STANDARDS  
311

312 **Section 303.300 Scope and Applicability**  
313

314 Subpart C contains specific use designations that determine which set of water quality standards  
315 of 35 Ill. Adm. Code 302 applies to a given water. In addition, Subpart C contains water quality  
316 standards applicable to specified waters. Nonspecific designations are in Subpart B.  
317

318 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
319

320 **Section 303.311 Ohio River Temperature**  
321

322 Instead of the standards of 35 Ill. Adm. Code 302.211(e) the water temperature at representative  
323 locations in the main river of the Ohio River must not exceed the maximum limits in the  
324 following table during more than 1% of the hours in the 12 month period ending with any month.  
325 The water temperature at these locations must not at any time exceed the maximum limits in the  
326 following table by more than 1.7 °C (3 °F).  
327

	°C	°F		°C	°F
JAN.	10	50	JUL.	32	89
FEB.	10	50	AUG.	32	89
MAR.	16	60	SEPT.	31	87
APR.	21	70	OCT.	26	78
MAY	27	80	NOV.	21	70
JUN.	31	87	DEC.	14	57

328 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
329  
330

331 **Section 303.321 Wabash River Temperature**  
332

333 Instead of the standards of 35 Ill. Adm. Code 302.211(e), the water temperature at representative  
334 locations in the main river of the Wabash River and its interstate tributaries must not exceed the  
335 maximum limits in the following table during more than 1% of the hours in the 12 month period  
336 ending with any month. The water temperature at these locations must not at any time exceed  
337 the maximum limits in the following table by more than 1.7 °C (3 °F).  
338

	°C	°F		°C	°F
JAN.	10	50	JUL.	32	90
FEB.	10	50	AUG.	32	90
MAR.	16	60	SEPT.	32	90
APR.	21	70	OCT.	26	78

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MAY	27	80	NOV.	21	70
JUN.	32	90	DEC.	14	57

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(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 303.322 Unnamed Tributary of the Vermilion River**

The fluoride standard of 35 Ill. Adm. Code 302.208 does not apply to waters of the State that are located from the point of a discharge from the foundry located at the intersection of Interstate 74 and G Street in Danville, Illinois, owned by General Motors Corporation on January 31, 1995, to an unnamed tributary of the Vermilion River, point being located 3900 feet south of the Vermilion River, 1900 feet north of I-74, at 40° 6'35" north latitude and 87° 69'52" west longitude, to the confluence of said unnamed tributary with the Vermilion River; and from there downstream to a point 0.9 river miles downstream of the juncture at the crossing of a Norfolk and Western Railroad bridge. Fluoride levels in these waters as caused by the discharge from the foundry facility must meet a water quality standard for fluoride of 10 mg/l.

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 303.323 Sugar Creek and Its Unnamed Tributary**

- a) This Section applies only to Sugar Creek and its unnamed tributary from the point at which Marathon Oil Company's outfall 001 discharges into the unnamed tributary to the confluence of Sugar Creek and the Wabash River.
- b) 35 Ill. Adm. Code 304.105 does not apply to total dissolved solids and chlorides discharged by Marathon Oil Company's outfall 001, if both of the following conditions are met:
  - 1) Effluent from Marathon Oil Company's outfall 001 does not exceed either 3,000 mg/L total dissolved solids or 1,000 mg/L chlorides, and
  - 2) The water in the unnamed tributary does not exceed 2,000 mg/L total dissolved solids or 750 mg/L chlorides.

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 303.326 Unnamed Tributary of Salt Creek, Salt Creek, and Little Wabash River**

The fluoride general use water quality standard of 35 Ill. Adm. Code 302.208(g) does not apply to the waters of the State from the point of discharge of the POTW located at 903 E. Eichie Avenue in Effingham, Illinois, owned by the City of Effingham, to an unnamed tributary of Salt Creek, located in Effingham County, T8N, R6E, Sec. 28, Lat: 39°06'24", Long: 88°31'55", to the confluence of the unnamed tributary with Salt Creek; to the confluence of Salt Creek with the

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381 Little Wabash River; to the confluence of Buck Creek and the Little Wabash River. Fluoride  
382 levels in these waters must meet a water quality standard for fluoride specified in this Section.  
383

- 384 a) From the point of discharge of the City of Effingham POTW to the unnamed  
385 tributary to the confluence of the unnamed tributary with Salt Creek and from the  
386 confluence of the unnamed tributary with Salt Creek to the confluence of Salt  
387 Creek with the Little Wabash River, the fluoride water quality standard is 5.0  
388 mg/L.
- 389
- 390 b) From the confluence of Salt Creek with the Little Wabash River to monitoring  
391 station C-19 located on the Little Wabash River approximately 2.8 miles  
392 downstream of Louisville, Illinois, the fluoride water quality standard is 3.2 mg/L.  
393
- 394 c) From monitoring station C-19 located on a point on the Little Wabash River  
395 approximately 2.8 miles downstream of Louisville, Illinois to the confluence of  
396 Buck Creek and the Little Wabash River, a point on the Little Wabash River  
397 located approximately 9.8 miles downstream of Louisville, Illinois, the fluoride  
398 water quality standard is 2.0 mg/L.
- 399

400 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
401

402 **Section 303.331 Mississippi River North Temperature**  
403

404 Instead of the standards of 35 Ill. Adm. Code 302.211(e) the water temperature at representative  
405 locations in the main river of the Mississippi River from the Wisconsin border to the Rock River  
406 must not exceed the maximum limits in the following table during more than 1% of the hours in  
407 the 12 month period ending with any month. The water temperature at these locations must not  
408 at any time exceed the maximum limits in the following table by more than 1.7 °C (3 °F).  
409

	°C	°F		°C	°F
JAN.	7	45	JUL.	30	86
FEB.	7	45	AUG.	30	86
MAR.	14	57	SEPT.	29	85
APR.	20	68	OCT.	24	75
MAY	26	78	NOV.	18	65
JUN.	29	85	DEC.	11	52

410 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
411  
412

413 **Section 303.341 Mississippi River North Central Temperature**  
414

415 Instead of the standards of 35 Ill. Adm. Code 302.211(e), the water temperature at representative  
416 locations in the main river of the Mississippi River in the indicated locations must not exceed the

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417 maximum limits in the following tables during more than 1% of the hours in the twelve month  
418 period ending with any month. The water temperature at these locations must not at any time  
419 exceed the maximum limits in the following table by more than 1.7 °C (3 °F).

420  
421  
422

a) In the Mississippi River from the Rock River to the Iowa/Missouri border:

	°C		°F		
JAN.	7	45	JUL.	30	86
FEB.	7	45	AUG.	30	86
MAR.	14	57	SEPT.	29	85
APR.	20	68	OCT.	24	75
MAY	26	78	NOV.	18	65
JUN.	29	85	DEC.	11	52

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424  
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b) In the Mississippi River from the Iowa/Missouri border to the Illinois River:

	°C		°F		
JAN.	7	45	JUL.	31	88
FEB.	7	45	AUG.	31	88
MAR.	14	57	SEPT.	29	86
APR.	20	68	OCT.	24	75
MAY	26	78	NOV.	18	65
JUN.	30	86	DEC.	11	52

426  
427  
428

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

## Section 303.351 Mississippi River South Central Temperature

430

431 Instead of the standards of 35 Ill. Adm. Code 302.211(e), the water temperature at representative  
432 locations in the main river of the Mississippi River in the indicated locations must not exceed the  
433 maximum limits in the following tables during more than 1% of the hours in the twelve month  
434 period ending with any month. The water temperature at these locations must not at any time  
435 exceed the maximum limits in the following table by more than 1.7 °C (3 °F).

436  
437  
438

a) In the Mississippi River from the Illinois River to Alton Lock and Dam:

	°C		°F		
JAN.	7	45	JUL.	31	88
FEB.	7	45	AUG.	31	88
MAR.	14	57	SEPT.	29	86
APR.	20	68	OCT.	24	75
MAY	26	78	NOV.	18	65

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439  
440  
441

JUN. 30 86 DEC. 11 52  
b) In the Mississippi River from Alton Lock and Dam to the Kaskaskia River:

	°C		°F		
JAN.	10	50	JUL.	32	89
FEB.	10	50	AUG.	32	89
MAR.	16	60	SEPT.	31	87
APR.	21	70	OCT.	26	78
MAY	27	80	NOV.	21	70
JUN.	31	87	DEC.	14	57

442  
443  
444

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 303.352 Unnamed Tributary of Wood River Creek**

445  
446  
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449  
450  
451  
452  
453

a) This section applies to the unnamed tributary of Wood River Creek that enters Wood River Creek 4700 feet above the confluence of Wood River Creek with the Mississippi River from a point 450 feet above the confluence of the unnamed tributary and Wood River Creek to the confluence, and in Wood River Creek from the confluence to the confluence of Wood River Creek and the Mississippi River.

454  
455  
456

b) The waters must meet a boron standard of 15 mg/L instead of the boron standard of 35 Ill. Adm. Code 302.208:

457  
458  
459

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 303.353 Schoenberger Creek; Unnamed Tributary of Cahokia Canal**

460  
461  
462  
463  
464  
465  
466  
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468  
469  
470  
471

a) This rule applies to:

- 1) The final 1500 feet of Schoenberger Creek starting immediately south of the Baltimore and Ohio main tracks and running north to an unnamed tributary of the Cahokia Canal; and
- 2) The unnamed tributary from its confluence with Schoenberger Creek as it runs west and northwest for a distance of 8000 feet to its confluence with the Cahokia Canal.

472  
473  
474

b) The standard for iron (dissolved) in 35 Ill. Adm. Code 302.208 does not apply to these waters. Instead, the waters must not exceed an iron (total) concentration of 20 mg/L.

**1<sup>st</sup> Notice**

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476  
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484  
485  
486

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 303.361 Mississippi River South Temperature**

Instead of the standards of 35 Ill. Adm. Code 302.211(e), the water temperature at representative locations in the main river of the Mississippi River from the Kaskaskia River to the Ohio River must not exceed the maximum limits in the following table during more than 1% of the hours in the 12 month period ending with any month. The water temperature at these locations must not at any time exceed the maximum limits in the following table by more than 1.7 °C (3 °F).

	°C	°F		°C	°F
JAN.	10	50	JUL.	32	89
FEB.	10	50	AUG.	32	89
MAR.	16	60	SEPT.	31	87
APR.	21	70	OCT.	26	78
MAY	27	80	NOV.	21	70
JUN.	31	87	DEC.	14	57

487  
488  
489

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 303.400 Bankline Disposal Along the Illinois Waterway/River**

490  
491  
492  
493  
494  
495  
496  
497  
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499  
500  
501  
502  
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508  
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510  
511

- a) The U.S. Department of the Army, Corps of Engineers, may bankline dispose of sediment generated during maintenance dredging operations on the Illinois Waterway/River between river miles 80.2 and 291 if:
  - 1) Less than 10% of representative samples from a proposed dredge cut are composed of fine-grained material, where a material is fine-grained if more than 20% of the sample passes a #230 sieve; or
  - 2) The SSTFATE model indicates that applicable water quality standards will be met at the perimeter of a temporary area of allowed dilution having a surface area no larger than 48,000 square feet, and not exceeding either 1,000 feet in length or 150 feet in width; and
  - 3) The U.S. Department of the Army, Corps of Engineers, holds a Water Quality Certification for its dredging operations from the Illinois Environmental Protection Agency pursuant to Section 401 of the federal Clean Water Act, 33 U.S.C. § 1341 (1988).
- b) When the provisions of subsection (a) are met, 35 Ill. Adm. Code 304.105, does not apply to bankline disposal by the U.S. Department of the Army, Corps of



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512 Engineers, but only as 35 Ill. Adm. Code 304.105 pertains to the offensive  
513 conditions standard of 35 Ill. Adm. Code 302.203, the dissolved oxygen standard  
514 of 35 Ill. Adm. Code 302.206, the total lead, total zinc, mercury, and total copper  
515 standards of 35 Ill. Adm. Code 302.208, and the ammonia nitrogen and un-  
516 ionized ammonia nitrogen standards of 35 Ill. Adm. Code 302.212.

517  
518 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
519

### 520 **Section 303.410 Chronic Nickel Water Quality Standard for Segment of the Sangamon** 521 **River**

522  
523 The general use chronic water quality standard for dissolved nickel contained in 35 Ill. Adm.  
524 Code 302.208(e) does not apply to the segment of the Sangamon River that receives discharges  
525 from the Sanitary District of Decatur's Main Sewage Treatment Plant, from that facility's Outfall  
526 001 located at 39° 49' 56" North Latitude, 89° 0' 7" West Longitude, to the point of the  
527 confluence of the Sangamon River with the South Fork of the Sangamon River near Riverton.  
528 Instead, waters in this segment of the Sangamon River must meet a chronic water quality  
529 standard for dissolved nickel as follows:

530  
531 Chronic Dissolved Nickel Standard ( $\mu\text{g/L}$ ) =  $\exp[A+B\ln(H)] \times 0.997^* \times \text{WER}$   
532

533 where:

534  
535  $A = -2.286,$

536  
537  $B = 0.8460,$

538  
539  $\ln(H)$  = natural logarithm of Hardness, and

540  
541  $\text{WER}$  (Water Effect Ratio) = 2.50.

542  
543 \*conversion factor multiplier for dissolved metals

544  
545 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
546

### 547 **Section 303.430 Unnamed Tributary to Dutch Creek (Repealed)**

548  
549 (Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
550

### 551 **Section 303.431 Long Point Slough and Its Unnamed Tributary (Repealed)**

552  
553 (Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
554

### 555 **Section 303.442 Waters Not Designated for Public Water Supply**

## 1<sup>st</sup> Notice

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556

557 The following waters are not required to meet the public and food processing water supply  
558 standards of 35 Ill. Adm. Code 302.Subpart C, even where designated as general use waters:

559

560 a) The Chicago River

561

562 b) The Little Calumet River.

563

564 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

565

### 566 **Section 303.444 Salt Creek, Higgins Creek, West Branch of the DuPage River, Des Plaines** 567 **River**

568

569 The General Use chronic water quality standard for cyanide in 35 Ill. Adm. Code 302.208 does  
570 not apply to Salt Creek, Higgins Creek, the West Branch of the DuPage River, and the Des  
571 Plaines River in Cook County, Illinois. Instead, for these waters the chronic cyanide standard is  
572 10 µg/L.

573

574 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

575

### 576 **Section 303.445 Total Dissolved Solids Water Quality Standard for the Lower Des Plaines** 577 **River**

578

579 a) Beginning November 1 and continuing through April 30 of each year, the total  
580 dissolved solids (TDS) water quality standard for Secondary Contact and  
581 Indigenous Aquatic Life Use waters in 35 Ill. Adm. Code 302.407 does not apply  
582 to the portion of the Des Plaines River from the ExxonMobil refinery wastewater  
583 treatment plant discharge point located at Interstate 55 and Arsenal Road in Will  
584 County, T34N, R9E, S15, Latitude: 41°, 25', 20" North, Longitude: 88°, 11', 20"  
585 West and continuing to the Interstate 55 bridge. TDS levels in these waters must  
586 instead meet a water quality standard for TDS of 1,686 mg/L.

587

588 b) Beginning November 1 and continuing through April 30 of each year, the TDS  
589 water quality standard for General Use Waters in 35 Ill. Adm. Code 302.208 does  
590 not apply to the Des Plaines River from the Interstate 55 bridge to the confluence  
591 of the Des Plaines River with the Kankakee River. TDS levels in these waters  
592 must instead meet a water quality standard for TDS of 1,686 mg/L.

593

594 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

595

### 596 **Section 303.446 Boron Water Quality Standard for Segments of the Sangamon River and** 597 **the Illinois River**

598

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599 The general use water quality standard for boron in 35 Ill. Adm. Code 302.208(g) does not apply  
600 to segments of the Sangamon River and the Illinois River described below that receive discharge  
601 from Outfall 007 of the Spring Creek Sewage Treatment Plant located at 3017 North 8<sup>th</sup> Street,  
602 Springfield, Illinois, owned by the Springfield Metro Sanitary District. The boron level in those  
603 river segments must meet the following water quality standard for boron:

- 604
- 605 a) 11.0 mg/L in the Sangamon River from Outfall 007 (Latitude: 39° 51' 37.234"  
606 North, Longitude: 89° 38' 30.082" West) to 182 yards downstream from the  
607 confluence of Spring Creek with the Sangamon River (Latitude: 39° 51' 42.595"  
608 North, Longitude: 89° 38' 30.089" West);
- 609
- 610 b) 4.5 mg/L in the Sangamon River from 182 yards downstream of the confluence of  
611 Spring Creek with the Sangamon River (Latitude: 39° 51' 42.595" North,  
612 Longitude: 89° 38' 30.089" West) to the confluence of Salt Creek with the  
613 Sangamon River (Latitude: 40° 7' 33.009" North, Longitude: 89° 49' 40.224"  
614 West), a distance of 39.0 river miles;
- 615
- 616 c) 1.6 mg/L in the Sangamon River from the confluence of Salt Creek with the  
617 Sangamon River (Latitude: 40° 7' 33.009" North, Longitude: 89° 49' 40.224"  
618 West) to the confluence of the Sangamon River with the Illinois River (Latitude:  
619 40° 1' 20.995" North, Longitude: 90° 25' 59.451" West), a distance of 36.1 river  
620 miles; and
- 621
- 622 d) 1.3 mg/L in the Illinois River from the confluence of the Illinois River with the  
623 Sangamon River (Latitude: 40° 1' 20.995" North, Longitude: 90° 25' 59.451"  
624 West) to 100 yards downstream of the confluence of the Illinois River with the  
625 Sangamon River (Latitude: 40° 1' 20.197" North, Longitude: 90° 26' 3.205"  
626 West).

627  
628 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
629

### 630 **Section 303.447 Unnamed Tributary of the South Branch Edwards River and South** 631 **Branch Edwards River (Repealed)**

632  
633 (Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
634

### 635 **Section 303.448 Mud Run Creek (Repealed)**

636  
637 (Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
638

### 639 **Section 303.449 Chicago Sanitary and Ship Canal**

640  
641 The numeric water quality standards for chloride and Total Dissolved Solids in 35 Ill. Adm.  
642 Code 302.407(g) do not apply to the Chicago Sanitary and Ship Canal from December 1 through

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643 April 30 for the protection of aquatic organisms. Chloride levels in these waters must meet the  
644 numeric water quality standards of 620 mg/L as a chronic water quality standard and 990 mg/L  
645 as an acute water quality standard from December 1 through April 30.

646

647 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

648

649

### SUBPART D: THERMAL DISCHARGES

650

#### **Section 303.500 Scope and Applicability**

652

653 Subpart D contains site specific water quality based thermal discharge standards. These are now  
654 determined without rulemaking under 35 Ill. Adm. Code 302.211 and 35 Ill. Adm. Code 106.

655

656 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

657

#### **Section 303.502 Lake Sangchris Thermal Discharges**

659

660 The thermal discharge to Lake Sangchris must meet the following standards and conditions: The  
661 effluent temperature must not exceed 37 °C (99 °F) during more than 7% of the hours in the 12  
662 month period ending with any month and must not exceed 44 °C (111 °F).

663

664 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

665

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666

667 **Section 303.APPENDIX A References to Previous Rules (Repealed)**

668

669 (Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

670

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671  
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**Section 303.APPENDIX B Sources of Codified Section (Repealed)**

(Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)



~~POLLUTION CONTROL BOARD~~

~~NOTICE OF PROPOSED AMENDMENTS~~

0 TITLE 35: ENVIRONMENTAL PROTECTION  
 1 SUBTITLE C: WATER POLLUTION  
 2 CHAPTER I: POLLUTION CONTROL BOARD

3  
 4 PART 303  
 5 WATER USE DESIGNATIONS AND SITE-SPECIFIC  
 6 WATER QUALITY STANDARDS

7  
 8 SUBPART A: GENERAL PROVISIONS  
 9

10Section

11303.100 Scope and Applicability  
 12303.101 Multiple Designations  
 13303.102 Rulemaking Required (Repealed)

14  
 15 SUBPART B: NONSPECIFIC WATER USE DESIGNATIONS  
 16

17Section

18303.200 Scope and Applicability  
 19303.201 General Use Waters  
 20303.202 Public and Food Processing Water Supplies  
 21303.203 Underground Waters  
 22303.204 Chicago Area Waterway System and Lower Des Plaines River  
 23303.205 Outstanding Resource Waters  
 24303.206 List of Outstanding Resource Waters  
 25303.220 Primary Contact Recreation Waters  
 26303.225 Incidental Contact Recreation Waters  
 27303.227 Non-Contact Recreation Waters and Non-Recreational Waters  
 28303.230 Upper Dresden Island Pool Aquatic Life Use Waters  
 29303.235 Chicago Area Waterway System Aquatic Life Use A Waters  
 30303.240 Chicago Area Waterway System and Brandon Pool Aquatic Life Use B Waters

31  
 32 SUBPART C: SPECIFIC USE DESIGNATIONS AND SITE  
 33 SPECIFIC WATER QUALITY STANDARDS  
 34

35Section

36303.300 Scope and Applicability  
 37303.301 Organization

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**NOTICE OF PROPOSED AMENDMENTS**

- 38303.311 Ohio River Temperature
- 39303.312 Waters Receiving Fluorspar Mine Drainage (Repealed)
- 40303.321 Wabash River Temperature
- 41303.322 Unnamed Tributary of the Vermilion River
- 42303.323 Sugar Creek and Its Unnamed Tributary
- 43303.326 Unnamed Tributary of Salt Creek, Salt Creek, and Little Wabash River
- 44303.331 Mississippi River North Temperature
- 45303.341 Mississippi River North Central Temperature
- 46303.351 Mississippi River South Central Temperature
- 47303.352 Unnamed Tributary of Wood River Creek
- 48303.353 Schoenberger Creek; Unnamed Tributary of Cahokia Canal
- 49303.361 Mississippi River South Temperature
- 50303.400 Bankline Disposal Along the Illinois Waterway/River
- 51303.410 Chronic Nickel Water Quality Standard for Segment of the Sangamon River
- 52303.430 Unnamed Tributary to Dutch Creek (Repealed)
- 53303.431 Long Point Slough and Its Unnamed Tributary (Repealed)
- 54303.441 Secondary Contact Waters (Repealed)
- 55303.442 Waters Not Designated for Public Water Supply
- 56303.443 Lake Michigan Basin
- 57303.444 Salt Creek, Higgins Creek, West Branch of the DuPage River, Des Plaines River
- 58303.445 Total Dissolved Solids Water Quality Standard for the Lower Des Plaines River
- 59303.446 Boron Water Quality Standard for Segments of the Sangamon River and the Illinois River
- 60
- 61303.447 Unnamed Tributary of the South Branch Edwards River and South Branch Edwards River (Repealed)
- 62
- 63303.448 Mud Run Creek (Repealed)
- 64303.449 Chicago Sanitary and Ship Canal

65

66

**SUBPART D: THERMAL DISCHARGES**

67

68Section

69303.500 Scope and Applicability

70303.502 Lake Sangchris Thermal Discharges

71

72303.APPENDIX A References to Previous Rules (Repealed)

73303.APPENDIX B Sources of Codified Sections (Repealed)

74

75AUTHORITY: Implementing Section 13 and authorized by Sections 11(b), 27, and 28 of the



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76 Environmental Protection Act [415 ILCS 5/11(b), 13, 27, and 28].

77

78 SOURCE: Filed with the Secretary of State January 1, 1978; amended at 2 Ill. Reg. 27, p. 221,  
79 effective July 5, 1978; amended at 3 Ill. Reg. 20, p. 95, effective May 17, 1979; amended at 5 Ill.  
80 Reg. 11592, effective October 19, 1981; codified at 6 Ill. Reg. 7818; amended at 6 Ill. Reg.  
81 11161, effective September 7, 1982; amended at 7 Ill. Reg. 8111, effective June 23, 1983;  
82 amended in R87-27 at 12 Ill. Reg. 9917, effective May 27, 1988; amended in R87-2 at 13 Ill.  
83 Reg. 15649, effective September 22, 1989; amended in R87-36 at 14 Ill. Reg. 9460, effective  
84 May 31, 1990; amended in R86-14 at 14 Ill. Reg. 20724, effective December 18, 1990; amended  
85 in R89-14(C) at 16 Ill. Reg. 14684, effective September 10, 1992; amended in R92-17 at 18 Ill.  
86 Reg. 2981, effective February 14, 1994; amended in R91-23 at 18 Ill. Reg. 13457, effective  
87 August 19, 1994; amended in R93-13 at 19 Ill. Reg. 1310, effective January 30, 1995; amended  
88 in R95-14 at 20 Ill. Reg. 3534, effective February 8, 1996; amended in R97-25 at 22 Ill. Reg.  
89 1403, effective December 24, 1997; amended in R01-13 at 26 Ill. Reg. 3517, effective February  
90 2022, 2002; amended in R03-11 at 28 Ill. Reg. 3071, effective February 4, 2004; amended in  
91 R06-24 at 31 Ill. Reg. 4440, effective February 27, 2007; amended in R09-8 at 33 Ill. Reg. 7903,  
92 effective May 29, 2009; amended in R09-11 at 33 Ill. Reg. 12258, effective August 11, 2009;  
93 amended in R08-9(A) at 35 Ill. Reg. 15078, effective August 23, 2011; amended in R11-18 at 36  
94 Ill. Reg. 18898, effective December 12, 2012; amended in R08-9(C) at 38 Ill. Reg. 5517,  
95 effective February 13, 2014; amended in R08-09(D) at 39 Ill. Reg. 9423, effective July 1, 2015;  
96 amended in R14-24 at 42 Ill. Reg. 20947, effective November 19, 2018; amended in R18-23 at  
97 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

98

99

**SUBPART A: GENERAL PROVISIONS**

100

**101 Section 303.100 Scope and Applicability**

102

103 Part 303 contains water use designations that determine which set of Part 302  
104 water quality standards apply for a given body of water. Part 303 also contains  
105 site specific water quality standards.

106

107 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

108

**109 Section 303.101 Multiple Designations**

110

111 Unless otherwise expressly stated, waters designated for specific uses must meet the most  
112 restrictive standards listed in 35 Ill. Adm. Code 302 for any specified use, in addition to meeting  
113 the general standards of Subpart B of 35 Ill. Adm. Code 302.

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114

115 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

116

117

**SUBPART B: NONSPECIFIC WATER USE DESIGNATIONS**

118

**119Section 303.200 Scope and Applicability**

120

121Subpart B contains general water use designations. These Sections, together with the specific  
122designations of Subpart C, determine which set of water quality standards of 35 Ill. Adm. Code  
123302 applies to a given body of water.

124

125 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

126

**127Section 303.201 General Use Waters**

128

129Except as otherwise specifically provided, all waters of the State must meet the general use  
130standards of Subpart B of 35 Ill. Adm. Code 302.

131

132 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

133

**134Section 303.202 Public and Food Processing Water Supplies**

135

136Except as otherwise specifically provided and in addition to the general use standards of Subpart  
137B of 35 Ill. Adm. Code 302, waters of the State must meet the public and food processing water  
138supply standards of Subpart C of 35 Ill. Adm. Code 302, at any point where water is withdrawn  
139for treatment and distribution as a potable supply or for food processing.

140

141 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

142

**143Section 303.204 Chicago Area Waterway System and Lower Des Plaines River**

144

145The Chicago Area Waterway System and Lower Des Plaines River Waters are designated to  
146protect for primary contact recreation, incidental contact or non-contact recreational uses (except  
147where designated as non-recreational waters), commercial activity (including navigation and  
148industrial water supply uses), and the highest quality aquatic life and wildlife attainable, limited  
149only by the physical condition of these waters and hydrologic modifications to these waters.

150Except for the Chicago River, these waters are required to meet the standards contained in 35 Ill.

151Adm. Code 302, Subpart D, but are not required to meet the general use standards or the public

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152and food processing water supply standards of 35 Ill. Adm. Code 302, Subpart B and C, except  
153that the waters designated as Primary Contact Recreation Waters in 35 Ill. Adm. Code 303.220  
154must meet the numeric water quality standard for fecal coliform bacteria applicable to protected  
155waters in 35 Ill. Adm. Code 302.209. Designated recreational uses and aquatic life use for each  
156segment of the Chicago Area Waterway System and Lower Des Plaines River are identified in  
157this Subpart. The Chicago River must meet the general use standards of 35 Ill. Adm. Code 302,  
158Subpart B, including the numeric water quality standard for fecal coliform bacteria applicable to  
159protected waters in 35 Ill. Adm. Code 302.209.

160

161 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

162

163**Section 303.205 Outstanding Resource Waters**

164

165An Outstanding Resource Water (ORW) is a surface water body or water body segment that is of  
166exceptional ecological or recreational significance and must be designated by the Board under 35  
167Ill. Adm. Code 102.Subpart H.

168

169 a) Outstanding Resource Waters (ORW) must be listed in 35 Ill. Adm. Code  
170 303.206. In addition to all other applicable use designations and water quality  
171 standards contained in this Subtitle, an ORW is subject to the antidegradation  
172 provision of 35 Ill. Adm. Code 302.105(b).

173

174 b) A petition to designate a surface water body or water body segment as an ORW  
175 must be submitted to the Illinois Pollution Control Board under the procedural  
176 rules in 35 Ill. Adm. Code 102.Subpart H.

177

178 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

179

180**Section 303.206 List of Outstanding Resource Waters**

181

182The Board has not designated any Outstanding Resource Waters under 35 Ill. Adm. Code  
183102.Subpart H.

184

185 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

186

187**Section 303.225 Incidental Contact Recreation Waters**

188

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189The following waters are designated as Incidental Contact Recreation Waters and must protect  
190for incidental contact recreational uses as defined in 35 Ill. Adm. Code 301.282.

191

192

193 a) Upper North Shore Channel from Wilmette Pumping Station to North Side Water  
194 Reclamation Plant;

195

196 b) South Fork of the South Branch of the Chicago River (Bubbly Creek);

197

198 c) Chicago Sanitary and Ship Canal from its confluence with South Branch of the  
199 Chicago River to its confluence with Calumet-Sag Channel;

200

201 d) Calumet River from Torrence Avenue to its confluence with Grand Calumet  
202 River and Little Calumet River;

203

204 e) Lake Calumet;

205

206 f) Lake Calumet Connecting Channel;

207

208 g) Grand Calumet River;

209

210 h) Lower Des Plaines River from the Brandon Road Lock and Dam to the Interstate  
211 55 Bridge.

212

213 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

214

**215Section 303.230 Upper Dresden Island Pool Aquatic Life Use Waters**

216

217Upper Dresden Island Pool Aquatic Life Use Waters

218

219 a) Lower Des Plaines River from the Brandon Road Lock and Dam to the Interstate  
220 55 Bridge is designated as the Upper Dresden Island Pool Aquatic Life Use.  
221 These waters are capable of maintaining, and must have quality sufficient to  
222 protect, aquatic-life populations consisting of individuals of tolerant,  
223 intermediately tolerant, and intolerant types that are adaptive to the unique flow  
224 conditions necessary to maintain navigational use and upstream flood control  
225 functions of the waterway system. The aquatic life may include largemouth bass,

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226 bluntnose minnow, channel catfish, orangespotted sunfish, smallmouth bass,  
227 shorthead redhorse, and spottail shiner.

228

229 b) Upper Dresden Island Pool Aquatic Life Use Waters must meet the water quality  
230 standards of 35 Ill. Adm. Code 302 Subpart D.

231

232 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

233

234 **Section 303.235 Chicago Area Waterway System Aquatic Life Use A Waters**

235

236 a) Waters designated as Chicago Area Waterway System Aquatic Life Use A Waters  
237 are capable of maintaining, and must have quality sufficient to protect,  
238 aquatic-life populations predominated by individuals of tolerant and  
239 intermediately tolerant types that are adaptive to the unique physical conditions,  
240 flow patterns, and operational controls necessary to maintain navigational use,  
241 flood control, and drainage functions of the waterway system. The aquatic life  
242 may include fish species, such as channel catfish, largemouth bass, bluegill, black  
243 crappie, spotfin shiner, orangespotted sunfish, common carp, and goldfish.

244

245 b) Waters designated as Chicago Area Waterway System Aquatic Life Use A Waters  
246 are not capable of attaining an aquatic life use consistent with the section  
247 101(a)(2) of the Clean Water Act goal (33 [USEU.S.C.](#) 1251(a)(2)).

248

249 c) The following waters are designated as Chicago Area Waterway System Aquatic  
250 Life Use A Waters and must meet the water quality standards of 35 Ill. Adm.  
251 Code 302. Subpart D:

252

253 1) Upper North Shore Channel from Wilmette Pumping Station to North  
254 Side Water Reclamation Plant;

255

256 2) Lower North Shore Channel from North Side Water Reclamation Plant to  
257 confluence with North Branch of the Chicago River;

258

259 3) North Branch of the Chicago River from its confluence with North Shore  
260 Channel to its confluence with South Branch of the Chicago River and  
261 Chicago River;

262

263 4) South Branch of the Chicago River;

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- 264
- 265 5) Calumet-Sag Channel;
- 266
- 267 6) Calumet River from Lake Michigan to its confluence with Grand Calumet
- 268 River and Little Calumet River;
- 269
- 270 7) Little Calumet River from its confluence with Calumet River and Grand
- 271 Calumet River to its confluence with Calumet-Sag Channel;
- 272
- 273 8) Grand Calumet River;
- 274
- 275 9) Lake Calumet; and
- 276
- 277 10) Lake Calumet Connecting Channel.

278  
279 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)  
280

281 **Section 303.240 Chicago Area Waterway System and Brandon Pool Aquatic Life Use B**  
282 **Waters**

- 283
- 284 a) Waters designated as Chicago Area Waterway System and Brandon Pool Aquatic
- 285 Life Use B Waters are capable of maintaining, and must have quality sufficient to
- 286 protect, aquatic life populations predominated by individuals of tolerant types that
- 287 are adaptive to unique physical conditions and modifications of long duration,
- 288 including artificially constructed channels consisting of vertical sheet-pile,
- 289 concrete and rip-rap walls designed to support commercial navigation, flood
- 290 control, and drainage functions in deep-draft, steep-walled shipping channels.
- 291 The aquatic life may include fish species, such as common carp, golden shiner,
- 292 bluntnose minnow, yellow bullhead and green sunfish.
- 293
- 294 b) Waters designated as Chicago Area Waterway System and Brandon Pool Aquatic
- 295 Life Use B Waters are not capable of attaining an aquatic life use consistent with
- 296 the section 101(a)(2) of the Clean Water Act goal (33 ~~USC~~U.S.C. 1251(a)(2)).
- 297
- 298 c) The following waters are designated as Chicago Area Waterway System and
- 299 Brandon Pool Aquatic Life Use B Waters and must meet the water quality
- 300 standards of 35 Ill. Adm. Code 302 Subpart D:
- 301

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- 302 1) Chicago Sanitary and Ship Canal; and
- 303
- 304 2) Lower Des Plaines River from its confluence with Chicago Sanitary and
- 305 Ship Canal to the Brandon Road Lock and Dam (Brandon Pool).
- 306

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**SUBPART C: SPECIFIC USE DESIGNATIONS AND SITE  
SPECIFIC WATER QUALITY STANDARDS**

**Section 303.300 Scope and Applicability**

Subpart C contains specific use designations that determine which set of water quality standards of 35 Ill. Adm. Code 302 applies to a given water. In addition, Subpart C contains water quality standards applicable to specified waters. Nonspecific designations are in Subpart B.

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 303.311 Ohio River Temperature**

Instead of the standards of 35 Ill. Adm. Code 302.211(e) the water temperature at representative locations in the main river of the Ohio River must not exceed the maximum limits in the following table during more than 1% of the hours in the 12 month period ending with any month. The water temperature at these locations must not at any time exceed the maximum limits in the following table by more than 1.7 °C (3 °F)<sup>ee</sup>.

	<u>°C</u>	<u>°F</u>	<u>°C</u>	<u>°F</u>
JAN.	10	50	JUL.	32
FEB.	10	50	AUG.	32
MAR.	16	60	SEPT.	31
APR.	21	70	OCT.	26
MAY	27	80	NOV.	21
JUN.	31	87	DEC.	14

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<u>JAN.</u>	<u>10</u>	<u>50</u>	<u>JUL.</u>	<u>32</u>	<u>89</u>
<u>FEB.</u>	<u>10</u>	<u>50</u>	<u>AUG.</u>	<u>32</u>	<u>89</u>
<u>MAR.</u>	<u>16</u>	<u>60</u>	<u>SEPT.</u>	<u>31</u>	<u>87</u>
<u>APR.</u>	<u>21</u>	<u>70</u>	<u>OCT.</u>	<u>26</u>	<u>78</u>
<u>MAY</u>	<u>27</u>	<u>80</u>	<u>NOV.</u>	<u>21</u>	<u>70</u>
<u>JUN.</u>	<u>31</u>	<u>87</u>	<u>DEC.</u>	<u>14</u>	<u>57</u>

339

340

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

341

**Section 303.321 Wabash River Temperature**

343

344 Instead of the standards of 35 Ill. Adm. Code 302.211(e), the water temperature at representative  
345 locations in the main river of the Wabash River and its interstate tributaries must not exceed the  
346 maximum limits in the following table during more than 1% of the hours in the 12 month period  
347 ending with any month. The water temperature at these locations must not at any time exceed  
348 the maximum limits in the following table by more than 1.7 °C (3 °F)<sup>oo</sup>.

349

350 \_\_\_\_\_ °C ° \_\_\_\_\_ °F ° \_\_\_\_\_ °C ° \_\_\_\_\_ °F °

351

352 ~~JAN. 10 50 JUL. 32 90~~

353 ~~FEB. 10 50 AUG. 32 90~~

354 ~~MAR. 16 60 SEPT. 32 90~~

355 ~~APR. 21 70 OCT. 26 78~~

356 ~~MAY 27 80 NOV. 21 70~~

357 ~~JUN. 32 90 DEC. 14 57~~

358

359

	<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
<u>JAN.</u>	<u>10</u>	<u>50</u>	<u>JUL.</u>	<u>32</u>	<u>90</u>
<u>FEB.</u>	<u>10</u>	<u>50</u>	<u>AUG.</u>	<u>32</u>	<u>90</u>
<u>MAR.</u>	<u>16</u>	<u>60</u>	<u>SEPT.</u>	<u>32</u>	<u>90</u>
<u>APR.</u>	<u>21</u>	<u>70</u>	<u>OCT.</u>	<u>26</u>	<u>78</u>
<u>MAY</u>	<u>27</u>	<u>80</u>	<u>NOV.</u>	<u>21</u>	<u>70</u>
<u>JUN.</u>	<u>32</u>	<u>90</u>	<u>DEC.</u>	<u>14</u>	<u>57</u>

360

361

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

362



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**363 Section 303.322 Unnamed Tributary of the Vermilion River**

364

365 The fluoride standard of 35 Ill. Adm. Code 302.208 does not apply to waters of the State that are  
366 located from the point of a discharge from the foundry located at the intersection of Interstate 74  
367 and G Street in Danville, Illinois, owned by General Motors Corporation on January 31, 1995, to  
368 an unnamed tributary of the Vermilion River, point being located 3900 feet south of the  
369 Vermilion River, 1900 feet north of I-74, at 40° 6'35" north latitude and 87° 69'52" west  
370 longitude, to the confluence of said unnamed tributary with the Vermilion River; and from there  
371 downstream to a point 0.9 river miles downstream of the juncture at the crossing of a Norfolk  
372 and Western Railroad bridge. Fluoride levels in these waters as caused by the discharge from  
373 the foundry facility must meet a water quality standard for fluoride of 10 mg/l.

374

375 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

376

**377 Section 303.323 Sugar Creek and Its Unnamed Tributary**

378

379 a) This Section applies only to Sugar Creek and its unnamed tributary from the point  
380 at which Marathon Oil Company's outfall 001 discharges into the unnamed  
381 tributary to the confluence of Sugar Creek and the Wabash River.

382

383 b) 35 Ill. Adm. Code 304.105 does not apply to total dissolved solids and chlorides  
384 discharged by Marathon Oil Company's outfall 001, if both of the following  
385 conditions are met:

386

387 1) Effluent from Marathon Oil Company's outfall 001 does not exceed either  
388 3,000 mg/L total dissolved solids or 1,000 mg/L chlorides, and

389

390 2) The water in the unnamed tributary does not exceed 2,000 mg/L total  
391 dissolved solids or 750 mg/L chlorides.

392

393 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

394

**395 Section 303.326 Unnamed Tributary of Salt Creek, Salt Creek, and Little Wabash River**

396

397 The fluoride general use water quality standard of 35 Ill. Adm. Code 302.208(g) does not apply  
398 to the waters of the State from the point of discharge of the POTW located at 903 E. Eichie  
399 Avenue in Effingham, Illinois, owned by the City of Effingham, to an unnamed tributary of Salt  
400 Creek, located in Effingham County, T8N, R6E, Sec. 28, Lat: 39°06'24", Long: 88°31'55", to

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401the confluence of the unnamed tributary with Salt Creek; to the confluence of Salt Creek with the  
402Little Wabash River; to the confluence of Buck Creek and the Little Wabash River. Fluoride  
403levels in these waters must meet a water quality standard for fluoride specified in this Section.

404

405 a) From the point of discharge of the City of Effingham POTW to the unnamed  
406 tributary to the confluence of the unnamed tributary with Salt Creek and from the  
407 confluence of the unnamed tributary with Salt Creek to the confluence of Salt  
408 Creek with the Little Wabash River, the fluoride water quality standard is 5.0  
409 mg/L.

410

411 b) From the confluence of Salt Creek with the Little Wabash River to monitoring  
412 station C-19 located on the Little Wabash River approximately 2.8 miles  
413 downstream of Louisville, Illinois, the fluoride water quality standard is 3.2 mg/L.

414

415 c) From monitoring station C-19 located on a point on the Little Wabash River  
416 approximately 2.8 miles downstream of Louisville, Illinois to the confluence of  
417 Buck Creek and the Little Wabash River, a point on the Little Wabash River  
418 located approximately 9.8 miles downstream of Louisville, Illinois, the fluoride  
419 water quality standard is 2.0 mg/L.

420

421 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

422

**423Section 303.331 Mississippi River North Temperature**

424

425Instead of the standards of 35 Ill. Adm. Code 302.211(e) the water temperature at representative  
426locations in the main river of the Mississippi River from the Wisconsin border to the Rock River  
427must not exceed the maximum limits in the following table during more than 1% of the hours in  
428the 12 month period ending with any month. The water temperature at these locations must not  
429at any time exceed the maximum limits in the following table by more than 1.7 °C (3 °F)<sup>ee</sup>.

430

431

432 \_\_\_\_\_ °C ° \_\_\_\_\_ °F ° \_\_\_\_\_ °C ° \_\_\_\_\_ °F °

433

434 JAN. 7 45 JUL. 30 86

435 FEB. 7 45 AUG. 30 86

436 MAR. 14 57 SEPT. 29 85

437 APR. 20 68 OCT. 24 75

438 MAY 26 78 NOV. 18 65

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439 ~~JUN. 29 85 DEC. 11 52~~

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442

	<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
<u>JAN.</u>	<u>7</u>	<u>45</u>	<u>JUL.</u>	<u>30</u>	<u>86</u>
<u>FEB.</u>	<u>7</u>	<u>45</u>	<u>AUG.</u>	<u>30</u>	<u>86</u>
<u>MAR.</u>	<u>14</u>	<u>57</u>	<u>SEPT.</u>	<u>29</u>	<u>85</u>
<u>APR.</u>	<u>20</u>	<u>68</u>	<u>OCT.</u>	<u>24</u>	<u>75</u>
<u>MAY</u>	<u>26</u>	<u>78</u>	<u>NOV.</u>	<u>18</u>	<u>65</u>
<u>JUN.</u>	<u>29</u>	<u>85</u>	<u>DEC.</u>	<u>11</u>	<u>52</u>

443

444 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

445

**446 Section 303.341 Mississippi River North Central Temperature**

447

448 Instead of the standards of 35 Ill. Adm. Code 302.211(e), the water temperature at representative  
449 locations in the main river of the Mississippi River in the indicated locations must not exceed the  
450 maximum limits in the following tables during more than 1% of the hours in the twelve month  
451 period ending with any month. The water temperature at these locations must not at any time  
452 exceed the maximum limits in the following table by more than 1.7 °C (3 °F)<sup>oo</sup>.

453

454 a) In the Mississippi River from the Rock River to the Iowa/Missouri border:

455

456 ~~\_\_\_\_\_ °C ° \_\_\_\_\_ °C ° \_\_\_\_\_ °F ° \_\_\_\_\_ °F °~~

457

458 ~~JAN. 7 45 JUL. 30 86~~

459 ~~FEB. 7 45 AUG. 30 86~~

460 ~~MAR. 14 57 SEPT. 29 85~~

461 ~~APR. 20 68 OCT. 24 75~~

462 ~~MAY 26 78 NOV. 18 65~~

463 ~~JUN. 29 85 DEC. 11 52~~

464

	<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
<u>JAN.</u>	<u>7</u>	<u>45</u>	<u>JUL.</u>	<u>30</u>	<u>86</u>
<u>FEB.</u>	<u>7</u>	<u>45</u>	<u>AUG.</u>	<u>30</u>	<u>86</u>
<u>MAR.</u>	<u>14</u>	<u>57</u>	<u>SEPT.</u>	<u>29</u>	<u>85</u>

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<u>APR.</u>	<u>20</u>	<u>68</u>	<u>OCT.</u>	<u>24</u>	<u>75</u>
<u>MAY</u>	<u>26</u>	<u>78</u>	<u>NOV.</u>	<u>18</u>	<u>65</u>
<u>JUN.</u>	<u>29</u>	<u>85</u>	<u>DEC.</u>	<u>11</u>	<u>52</u>

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b) In the Mississippi River from the Iowa/Missouri border to the Illinois River:

	<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
<u>JAN.</u>	<u>7</u>	<u>45</u>	<u>JUL.</u>	<u>31</u>	<u>88</u>
<u>FEB.</u>	<u>7</u>	<u>45</u>	<u>AUG.</u>	<u>31</u>	<u>88</u>
<u>MAR.</u>	<u>14</u>	<u>57</u>	<u>SEPT.</u>	<u>29</u>	<u>86</u>
<u>APR.</u>	<u>20</u>	<u>68</u>	<u>OCT.</u>	<u>24</u>	<u>75</u>
<u>MAY</u>	<u>26</u>	<u>78</u>	<u>NOV.</u>	<u>18</u>	<u>65</u>
<u>JUN.</u>	<u>30</u>	<u>86</u>	<u>DEC.</u>	<u>11</u>	<u>52</u>

	<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
<u>JAN.</u>	<u>7</u>	<u>45</u>	<u>JUL.</u>	<u>31</u>	<u>88</u>
<u>FEB.</u>	<u>7</u>	<u>45</u>	<u>AUG.</u>	<u>31</u>	<u>88</u>
<u>MAR.</u>	<u>14</u>	<u>57</u>	<u>SEPT.</u>	<u>29</u>	<u>86</u>
<u>APR.</u>	<u>20</u>	<u>68</u>	<u>OCT.</u>	<u>24</u>	<u>75</u>
<u>MAY</u>	<u>26</u>	<u>78</u>	<u>NOV.</u>	<u>18</u>	<u>65</u>
<u>JUN.</u>	<u>30</u>	<u>86</u>	<u>DEC.</u>	<u>11</u>	<u>52</u>

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(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

**Section 303.351 Mississippi River South Central Temperature**

Instead of the standards of 35 Ill. Adm. Code 302.211(e), the water temperature at representative locations in the main river of the Mississippi River in the indicated locations must not exceed the maximum limits in the following tables during more than 1% of the hours in the twelve month period ending with any month. The water temperature at these locations must not at any time exceed the maximum limits in the following table by more than 1.7 °C (3 °F)\*\*.

a) In the Mississippi River from the Illinois River to Alton Lock and Dam:

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492		<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
493						
494	JAN.	7	45	JUL.	31	88
495	FEB.	7	45	AUG.	31	88
496	MAR.	14	57	SEPT.	29	86
497	APR.	20	68	OCT.	24	75
498	MAY	26	78	NOV.	18	65
499	JUN.	30	86	DEC.	11	52
500						

	<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
JAN.	7	45	JUL.	31	88
FEB.	7	45	AUG.	31	88
MAR.	14	57	SEPT.	29	86
APR.	20	68	OCT.	24	75
MAY	26	78	NOV.	18	65
JUN.	30	86	DEC.	11	52

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b) In the Mississippi River from Alton Lock and Dam to the Kaskaskia River:

		<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
506	JAN.	10	50	JUL.	32	89
507	FEB.	10	50	AUG.	32	89
508	MAR.	16	60	SEPT.	31	87
509	APR.	21	70	OCT.	26	78
510	MAY	27	80	NOV.	21	70
511	JUN.	31	87	DEC.	14	57

	<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
JAN.	10	50	JUL.	32	89
FEB.	10	50	AUG.	32	89
MAR.	16	60	SEPT.	31	87
APR.	21	70	OCT.	26	78
MAY	27	80	NOV.	21	70
JUN.	31	87	DEC.	14	57

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515

516

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

517

**518 Section 303.352 Unnamed Tributary of Wood River Creek**

519

520

- a) This section applies to the unnamed tributary of Wood River Creek that enters Wood River Creek 4700 feet above the confluence of Wood River Creek with the Mississippi River from a point 450 feet above the confluence of the unnamed tributary and Wood River Creek to the confluence, and in Wood River Creek from the confluence to the confluence of Wood River Creek and the Mississippi River.

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527

- b) The waters must meet a boron standard of 15 mg/L instead of the boron standard of 35 Ill. Adm. Code 302.208:

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(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

537

**538 Section 303.353 Schoenberger Creek; Unnamed Tributary of Cahokia Canal**

539

540

- a) This rule applies to:

541

542

- 1) The final 1500 feet of Schoenberger Creek starting immediately south of the Baltimore and Ohio main tracks and running north to an unnamed tributary of the Cahokia Canal; and

543

544

545

546

- 2) The unnamed tributary from its confluence with Schoenberger Creek as it runs west and northwest for a distance of 8000 feet to its confluence with the Cahokia Canal.

547

548

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550

- b) The standard for iron (dissolved) in 35 Ill. Adm. Code 302.208 does not apply to these waters. Instead, the waters must not exceed an iron (total) concentration of 20 mg/L.

551

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560 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

561

562 **Section 303.361 Mississippi River South Temperature**

563

564 Instead of the standards of 35 Ill. Adm. Code 302.211(e), the water temperature at representative  
565 locations in the main river of the Mississippi River from the Kaskaskia River to the Ohio River  
566 must not exceed the maximum limits in the following table during more than 1% of the hours in  
567 the 12 month period ending with any month. The water temperature at these locations must not  
568 at any time exceed the maximum limits in the following table by more than 1.7 °C (3 °F)<sup>ee</sup>.

569

	<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
572 JAN.	10	50	JUL.	32	89
573 FEB.	10	50	AUG.	32	89
574 MAR.	16	60	SEPT.	31	87
575 APR.	21	70	OCT.	26	78
576 MAY	27	80	NOV.	21	70
577 JUN.	31	87	DEC.	14	57

578

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580

	<u>°C</u>	<u>°F</u>		<u>°C</u>	<u>°F</u>
<u>JAN.</u>	<u>10</u>	<u>50</u>	<u>JUL.</u>	<u>32</u>	<u>89</u>
<u>FEB.</u>	<u>10</u>	<u>50</u>	<u>AUG.</u>	<u>32</u>	<u>89</u>
<u>MAR.</u>	<u>16</u>	<u>60</u>	<u>SEPT.</u>	<u>31</u>	<u>87</u>
<u>APR.</u>	<u>21</u>	<u>70</u>	<u>OCT.</u>	<u>26</u>	<u>78</u>
<u>MAY</u>	<u>27</u>	<u>80</u>	<u>NOV.</u>	<u>21</u>	<u>70</u>
<u>JUN.</u>	<u>31</u>	<u>87</u>	<u>DEC.</u>	<u>14</u>	<u>57</u>

581

582 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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583

584 **Section 303.400 Bankline Disposal Along the Illinois Waterway/River**

585

586 a) The U.S. Department of the Army, Corps of Engineers, may bankline dispose of  
587 sediment generated during maintenance dredging operations on the Illinois  
588 Waterway/River between river miles 80.2 and 291 if:

589

590 1) Less than 10% of representative samples from a proposed dredge cut are  
591 composed of fine-grained material, where a material is fine-grained if  
592 more than 20% of the sample passes a #230 sieve; or

593

594 2) The SSTFATE model indicates that applicable water quality standards  
595 will be met at the perimeter of a temporary area of allowed dilution having  
596 a surface area no larger than 48,000 square feet, and not exceeding either  
597 1,000 feet in length or 150 feet in width; and

598

599 3) The U.S. Department of the Army, Corps of Engineers, holds a Water  
600 Quality Certification for its dredging operations from the Illinois  
601 Environmental Protection Agency pursuant to Section 401 of the federal  
602 Clean Water Act, 33 U.S.C. § 1341 (1988).

603

604 b) When the provisions of subsection (a) are met, 35 Ill. Adm. Code 304.105 , does  
605 not apply to bankline disposal by the U.S. Department of the Army, Corps of  
606 Engineers, but only as 35 Ill. Adm. Code 304.105 pertains to the offensive  
607 conditions standard of 35 Ill. Adm. Code 302.203, the dissolved oxygen standard  
608 of 35 Ill. Adm. Code 302.206, the total lead, total zinc, mercury, and total copper  
609 standards of 35 Ill. Adm. Code 302.208, and the ammonia nitrogen and  
610 un-ionized ammonia nitrogen standards of 35 Ill. Adm. Code 302.212.

611

612 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

613

614 **Section 303.410 Chronic Nickel Water Quality Standard for Segment of the Sangamon**  
615 **River**

616

617 The general use chronic water quality standard for dissolved nickel contained in 35 Ill. Adm.  
618 Code 302.208(e) does not apply to the segment of the Sangamon River that receives discharges  
619 from the Sanitary District of Decatur's Main Sewage Treatment Plant, from that facility's  
620 Outfall 001 located at 39° 49' 56" North Latitude, 89° 0' 7" West Longitude, to the point of the



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621 confluence of the Sangamon River with the South Fork of the Sangamon River near Riverton.  
622 Instead, waters in this segment of the Sangamon River must meet a chronic water quality  
623 standard for dissolved nickel as follows:

624

625 Chronic Dissolved Nickel Standard ( $\mu\text{g/L}$ ) =  $\exp[A+B\ln(H)] \times 0.997^* \times \text{WER}$

626

627 where:

628

629 A = -2.286,

630

631 B = 0.8460,

632

633  $\ln(H)$  = natural logarithm of Hardness, and

634

635 WER (Water Effect Ratio) = 2.50.

636

637\* conversion factor multiplier for dissolved metals

638

639 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

640

641 **Section 303.430 Unnamed Tributary to Dutch Creek (Repealed)**

642

643 (Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

644

645 **Section 303.431 Long Point Slough and Its Unnamed Tributary (Repealed)**

646

647 (Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

648

649 **Section 303.442 Waters Not Designated for Public Water Supply**

650

651 The following waters are not required to meet the public and food processing water supply  
652 standards of 35 Ill. Adm. Code 302.Subpart C, even where designated as general use waters:

653

654 a) The Chicago River

655

656 b) The Little Calumet River.

657

658 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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659

**660Section 303.444 Salt Creek, Higgins Creek, West Branch of the DuPage River, Des Plaines  
661River**

662

663The General Use chronic water quality standard for cyanide in 35 Ill. Adm. Code 302.208 does  
664not apply to Salt Creek, Higgins Creek, the West Branch of the DuPage River, and the Des  
665Plaines River in Cook County, Illinois. Instead, for these waters the chronic cyanide standard is  
66610 µg/L.

667

668 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

669

**670Section 303.445 Total Dissolved Solids Water Quality Standard for the Lower Des Plaines  
671River**

672

673 a) Beginning November 1 and continuing through April 30 of each year, the total  
674 dissolved solids (TDS) water quality standard for Secondary Contact and  
675 Indigenous Aquatic Life Use waters in 35 Ill. Adm. Code 302.407 does not apply  
676 to the portion of the Des Plaines River from the ExxonMobil refinery wastewater  
677 treatment plant discharge point located at Interstate 55 and Arsenal Road in Will  
678 County, T34N, R9E, S15, Latitude: 41°0'0", 25°2'0" North, Longitude: 88°0'0", 11°2'0",  
679 20°2'0" West and continuing to the Interstate 55 bridge. TDS levels in these waters  
680 must instead meet a water quality standard for TDS of 1,686 mg/L.

681

682 b) Beginning November 1 and continuing through April 30 of each year, the TDS  
683 water quality standard for General Use Waters in 35 Ill. Adm. Code 302.208 does  
684 not apply to the Des Plaines River from the Interstate 55 bridge to the confluence  
685 of the Des Plaines River with the Kankakee River. TDS levels in these waters  
686 must instead meet a water quality standard for TDS of 1,686 mg/L.

687

688 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

689

**690Section 303.446 Boron Water Quality Standard for Segments of the Sangamon River and  
691the Illinois River**

692

693The general use water quality standard for boron in 35 Ill. Adm. Code 302.208(g) does not  
694apply to segments of the Sangamon River and the Illinois River described below that receive  
695discharge from Outfall 007 of the Spring Creek Sewage Treatment Plant located at 3017 North

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6968<sup>th</sup> Street, Springfield, Illinois, owned by the Springfield Metro Sanitary District. The boron  
697level in those river segments must meet the following water quality standard for boron:

698

699 a) 11.0 mg/L in the Sangamon River from Outfall 007 (Latitude: 39° 51' 37.234"  
700 North, Longitude: 89° 38' 30.082" West) to 182 yards downstream from the  
701 confluence of Spring Creek with the Sangamon River (Latitude: 39° 51'  
702 42.595" North, Longitude: 89° 38' 30.089" West);

703

704 b) 4.5 mg/L in the Sangamon River from 182 yards downstream of the confluence of  
705 Spring Creek with the Sangamon River (Latitude: 39° 51' 42.595" North,  
706 Longitude: 89° 38' 30.089" West) to the confluence of Salt Creek with the  
707 Sangamon River (Latitude: 40° 7' 33.009" North, Longitude: 89° 49'  
708 40.224" West), a distance of 39.0 river miles;

709

710 c) 1.6 mg/L in the Sangamon River from the confluence of Salt Creek with the  
711 Sangamon River (Latitude: 40° 7' 33.009" North, Longitude: 89° 49'  
712 40.224" West) to the confluence of the Sangamon River with the Illinois River  
713 (Latitude: 40° 1' 20.995" North, Longitude: 90° 25' 59.451" West), a  
714 distance of 36.1 river miles; and

715

716 d) 1.3 mg/L in the Illinois River from the confluence of the Illinois River with the  
717 Sangamon River (Latitude: 40° 1' 20.995" North, Longitude: 90° 25'  
718 59.451" West) to 100 yards downstream of the confluence of the Illinois River  
719 with the Sangamon River (Latitude: 40° 1' 20.197" North, Longitude: 90° 26'  
720 3.205" West).

721

(Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

723

**724Section 303.447 Unnamed Tributary of the South Branch Edwards River and South  
725Branch Edwards River (Repealed)**

726

(Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

728

**729Section 303.448 Mud Run Creek (Repealed)**

730

(Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

732

**733Section 303.449 Chicago Sanitary and Ship Canal**

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734

735The numeric water quality standards for chloride and Total Dissolved Solids in 35 Ill. Adm.  
736Code 302.407(g) do not apply to the Chicago Sanitary and Ship Canal from December 1 through  
737April 30 for the protection of aquatic organisms. Chloride levels in these waters must meet the  
738numeric water quality standards of 620 mg/L as a chronic water quality standard and 990 mg/L  
739as an acute water quality standard from December 1 through April 30.

740

741 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

742

743

**SUBPART D: THERMAL DISCHARGES**

744

**745Section 303.500 Scope and Applicability**

746

747Subpart D contains site specific water quality based thermal discharge standards. These are now  
748determined without rulemaking under 35 Ill. Adm. Code 302.211 and 35 Ill. Adm. Code 106 .

749

750 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

751

**752Section 303.502 Lake Sangchris Thermal Discharges**

753

754The thermal discharge to Lake Sangchris must meet the following standards and conditions:

755The effluent temperature must not exceed 37 °C (99 °F)<sup>ee</sup> during more than 7% of the hours in  
756the 12 month period ending with any month and must not exceed 44 °C (111 °F)<sup>ee</sup>.

757

758 (Source: Amended at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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760

761

762 **Section 303.APPENDIX A References to Previous Rules (Repealed)**

763

764 (Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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766

767

768 **Section 303.APPENDIX B Sources of Codified Section (Repealed)**

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(Source: Repealed at 46 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)

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