



## OFFICE OF THE SECRETARY OF STATE

JESSE WHITE • Secretary of State

November 21, 2018

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NOV 28 2018

STATE OF ILLINOIS  
Pollution Control Board

POLLUTION CONTROL BOARD  
DON BROWN  
100 W RANDOLPH ST  
STE 11-500  
CHICAGO, IL 60601

Dear DON BROWN

Your rules Listed below met our codification standards and have been published in Volume 42, Issue 48 of the Illinois Register, dated 11/30/2018.

### ADOPTED RULES

Water Use Designations and Site-Specific Water Quality Standards 35 Ill. Adm. Code 303 Point of Contact: Nancy Hoepfner	20947
RCRA and UIC Permit Programs 35 Ill. Adm. Code 702 Point of Contact: Mike McCambridge	20953
RCRA Permit Program 35 Ill. Adm. Code 703 Point of Contact: Mike McCambridge	20993
UIC Permit Program 35 Ill. Adm. Code 704 Point of Contact: Mike McCambridge	21095
Procedures for Permit Issuance 35 Ill. Adm. Code 705 Point of Contact: Mike McCambridge	21179
Hazardous Waste Management System: General 35 Ill. Adm. Code 720 Point of Contact: Mike McCambridge	21215
Solid Waste Disposal: General Provisions	

Index Department - Administrative Code Division - 111 East Monroe Springfield, IL 62756



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35 Ill. Adm. Code 810	21304
Point of Contact: Mike McCambridge	
Standards for New Solid Waste Landfills	
35 Ill. Adm. Code 811	21330
Point of Contact: Mike McCambridge	
Information to Be Submitted in a Permit Application	
35 Ill. Adm. Code 812	21430
Point of Contact: Mike McCambridge	
<b>JCAR REVIEW OF EXISTING RULES STATEMENT OF OBJECTIONS</b>	
Emissions Reduction Market System	
35 Ill. Adm. Code 205	21475
Point of Contact: Crystal Bockewitz	
<b>JCAR REVIEW OF EXISTING RULES STATEMENT OF RECOMMENDATIONS</b>	
Emissions Reduction Market System	
35 Ill. Adm. Code 205	21472
Point of Contact: Crystal Bockewitz	

If you have any questions, you may contact the Administrative Code Division at  
(217) 782 - 7017.

## ILLINOIS REGISTER

## POLLUTION CONTROL BOARD

## NOTICE OF ADOPTED AMENDMENT

- 1) Heading of the Part: Water Use Designations and Site-Specific Water Quality Standards
- 2) Code Citation: 35 Ill. Adm. Code 303
- 3) Section Number: 303.410                      Adopted Action: New Section
- 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, 28].
- 5) Effective Date of Rule: NOV 19 2018
- 6) Does this rulemaking contain an automatic repeal date? No.
- 7) Does this rulemaking contain incorporations by reference? No.
- 8) The adopted amendments are available on the Board's website (<https://pcb.illinois.gov>) and are also on file in the Board's Chicago office at the James R. Thompson Center, 100 W. Randolph, Suite 11-500, and are available there for public inspection.
- 9) Notice of Proposal Published in Illinois Register: 42 Ill. Reg. 14468; August 10, 2018.
- 10) Has JCAR issued a Statement of Objections to this rulemaking? No.
- 11) Differences between proposal and final version: The Board made a limited number of non-substantive changes to the rule including those requested by JCAR.
- 12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreements letter issued by JCAR? Yes
- 13) Will this rulemaking replace an emergency rule currently in effect? No.
- 14) Are there any other rulemakings pending on this Part? No.
- 15) Summary and Purpose of Rulemaking: The Sanitary District of Decatur (District) treats wastewater for the City of Decatur, other municipalities, and industrial and commercial users. The District's discharge to the Sangamon River exceeds the water quality standard for nickel, and the District attributes this chiefly to a single industrial discharger. The District argues that there is no technically feasible and economically reasonable treatment available that would allow it to meet the nickel standard. The District proposed that the

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Board adopt a new Section 303.410 of its water pollution regulations providing a site-specific numeric standard based on the bioavailability of nickel to aquatic life in the Sangamon River.

- 16) Information and questions regarding this adopted rulemaking shall be directed to:

Tim Fox  
Illinois Pollution Control Board  
100 W. Randolph 11-500  
Chicago, IL 60601

312-814-6085  
[tim.fox@illinois.gov](mailto:tim.fox@illinois.gov)

Copies of the Board's opinions and orders may be requested from the Clerk of the Board at the address listed in #8 above or by calling 312/814-3620. Please refer to the docket number R14-24 in your request. The Board order is also available at the Board's web site (<https://pcb.illinois.gov>).

The full text of the adopted amendment begins on the next page:

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POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENT

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

Section	
303.100	Scope and Applicability
303.101	Multiple Designations
303.102	Rulemaking Required (Repealed)

SUBPART B: NONSPECIFIC WATER USE DESIGNATIONS

Section	
303.200	Scope and Applicability
303.201	General Use Waters
303.202	Public and Food Processing Water Supplies
303.203	Underground Waters
303.204	Chicago Area Waterway System and Lower Des Plaines River
303.205	Outstanding Resource Waters
303.206	List of Outstanding Resource Waters
303.220	Primary Contact Recreation Waters
303.225	Incidental Contact Recreation Waters
303.227	Non-Contact Recreation Waters and Non-Recreational Waters
303.230	Upper Dresden Island Pool Aquatic Life Use Waters
303.235	Chicago Area Waterway System Aquatic Life Use A Waters
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

Section	
303.300	Scope and Applicability
303.301	Organization
303.311	Ohio River Temperature
303.312	Waters Receiving Fluorspar Mine Drainage (Repealed)
303.321	Wabash River Temperature

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- 303.322 Unnamed Tributary of the Vermilion River
- 303.323 Sugar Creek and Its Unnamed Tributary
- 303.326 Unnamed Tributary of Salt Creek, Salt Creek, and Little Wabash River
- 303.331 Mississippi River North Temperature
- 303.341 Mississippi River North Central Temperature
- 303.351 Mississippi River South Central Temperature
- 303.352 Unnamed Tributary of Wood River Creek
- 303.353 Schoenberger Creek; Unnamed Tributary of Cahokia Canal
- 303.361 Mississippi River South Temperature
- 303.400 Bankline Disposal Along the Illinois Waterway/River
- 303.410 Chronic Nickel Water Quality Standard for Segment of the Sangamon River
- 303.430 Unnamed Tributary to Dutch Creek
- 303.431 Long Point Slough and Its Unnamed Tributary
- 303.441 Secondary Contact Waters (Repealed)
- 303.442 Waters Not Designated for Public Water Supply
- 303.443 Lake Michigan Basin
- 303.444 Salt Creek, Higgins Creek, West Branch of the DuPage River, Des Plaines River
- 303.445 Total Dissolved Solids Water Quality Standard for the Lower Des Plaines River
- 303.446 Boron Water Quality Standard for Segments of the Sangamon River and the Illinois River
- 303.447 Unnamed Tributary of the South Branch Edwards River and South Branch Edwards River
- 303.448 Mud Run Creek
- 303.449 Chicago Sanitary and Ship Canal

SUBPART D: THERMAL DISCHARGES

- Section
- 303.500 Scope and Applicability
- 303.502 Lake Sangchris Thermal Discharges

- 303.APPENDIX A References to Previous Rules
- 303.APPENDIX B Sources of Codified Sections

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].

SOURCE: Filed with the Secretary of State January 1, 1978; amended at 2 Ill. Reg. 27, p. 221, effective July 5, 1978; amended at 3 Ill. Reg. 20, p. 95, effective May 17, 1979; amended at 5 Ill. Reg. 11592, effective October 19, 1981; codified at 6 Ill. Reg. 7818; amended at 6 Ill. Reg.

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11161, effective September 7, 1982; amended at 7 Ill. Reg. 8111, effective June 23, 1983; amended in R87-27 at 12 Ill. Reg. 9917, effective May 27, 1988; amended in R87-2 at 13 Ill. Reg. 15649, effective September 22, 1989; amended in R87-36 at 14 Ill. Reg. 9460, effective May 31, 1990; amended in R86-14 at 14 Ill. Reg. 20724, effective December 18, 1990; amended in R89-14(C) at 16 Ill. Reg. 14684, effective September 10, 1992; amended in R92-17 at 18 Ill. Reg. 2981, effective February 14, 1994; amended in R91-23 at 18 Ill. Reg. 13457, effective August 19, 1994; amended in R93-13 at 19 Ill. Reg. 1310, effective January 30, 1995; amended in R95-14 at 20 Ill. Reg. 3534, effective February 8, 1996; amended in R97-25 at 22 Ill. Reg. 1403, effective December 24, 1997; amended in R01-13 at 26 Ill. Reg. 3517, effective February 22, 2002; amended in R03-11 at 28 Ill. Reg. 3071, effective February 4, 2004; amended in R06-24 at 31 Ill. Reg. 4440, effective February 27, 2007; amended in R09-8 at 33 Ill. Reg. 7903, effective May 29, 2009; amended in R09-11 at 33 Ill. Reg. 12258, effective August 11, 2009; amended in R08-9(A) at 35 Ill. Reg. 15078, effective August 23, 2011; amended in R11-18 at 36 Ill. Reg. 18898, effective December 12, 2012; amended in R08-9(C) at 38 Ill. Reg. 5517, effective February 13, 2014; amended in R08-09(D) at 39 Ill. Reg. 9423, effective July 1, 2015; amended in R14-24 at 42 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_.

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

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

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

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

where:

$$A = -2.286,$$

$$B = 0.8460,$$

ln(H) = natural logarithm of Hardness, and

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WER (Water Effect Ratio) = 2.50.

\* conversion factor multiplier for dissolved metals

(Source: Added at 42 Ill. Reg. \_\_\_\_\_, effective \_\_\_\_\_)