

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

RECEIVED
CLERK'S OFFICE

JAN 18 2011

STATE OF ILLINOIS
Pollution Control Board

IN THE MATTER OF:)	
)	
TRIENNIAL REVIEW OF WATER QUALITY)	R11-18
STANDARDS FOR BORON, FLUORIDE)	(Rulemaking – Water)
AND MANGANESE: AMENDMENTS)	
TO 35 ILL. ADM. CODE 302.Subparts B, C, E)	
and F and 303.312)	

PCT# 1

NOTICE OF FILING

John Therriault, Clerk
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street, Suite 11-500
Chicago, Illinois 60601

Andrew Armstrong
Assistant Attorney General
Environmental Bureau
69 W. Washington Street, Suite 1800
Chicago, Illinois 60602

Kathleen Crowley, Hearing Officer
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street, Suite 11-500
Chicago, Illinois 60601

PLEASE TAKE NOTICE that I have filed today with the Office of the Clerk of the Illinois Pollution Control Board the Pre-Hearing Comments of the Illinois Environmental Protection Agency, a copy of which is herewith served upon you.

ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY

By: 
Deborah J. Williams
Assistant Counsel

1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276
(217) 782-5544

Dated: January 14, 2011

RECEIVED
CLERK'S OFFICE

JAN 18 2011

STATE OF ILLINOIS
Pollution Control Board

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:)
)
TRIENNIAL REVIEW OF WATER QUALITY) R11-18
STANDARDS FOR BORON, FLUORIDE) (Rulemaking – Water)
AND MANGANESE: AMENDMENTS)
TO 35 ILL. ADM. CODE 302.Subparts B, C, E)
and F and 303.312)

**PRE-HEARING COMMENTS OF THE ILLINOIS ENVIRONMENTAL
PROTECTION AGENCY**

On December 2, 2010, the Illinois Environmental Protection Agency ("Illinois EPA" or "Agency") filed a rulemaking proposal with the Pollution Control Board ("Board") in the above-captioned proceeding containing proposed amendments to the Board's water quality standards regulations.

The Board found that the Illinois EPA's proposal met the procedural requirements of 35 Ill. Adm. Code 102.202 and accepted the proposal for hearing at its December 16, 2010 meeting.

Within its December 16, 2010 Opinion and Order, the Board published two tables providing summaries of the Board's existing standards for boron, fluoride and manganese and the Agency's proposed changes to those standards.

The Agency has identified errors in the two Tables and has included two corrected Tables for convenience and reference of the Board and interested stakeholders.

RECEIVED
CLERK'S OFFICE

Table 1: Existing Water Quality Standards

Parameter	General Use	Non-open Lake Michigan Basin	Open Lake Michigan Basin	Secondary Contact and Indigenous Aquatic Life Standards*	Public and Food Processing Water Supply
Boron	1.0 mg/l	1.0 mg/l	1.0 mg/l	None set	None set**
Fluoride	1.4 mg/l	1.4 mg/l	1.4 mg/l	15 mg/l	None set**
Manganese	1.0 mg/l	1.0 mg/l	0.15 mg/l	1.0 mg/l	0.15 mg/l

*No changes are proposed to these standards in R11-18, but may be addressed in R08-09(D)

**In the absence of a Public and Food Processing Water Supply Standard, the General Use Standards of 1.0 mg/L boron and 1.4 mg/L fluoride apply to these waters. See, 35 Ill. Adm. Code 302.301.

Table 2: Illinois EPA's Proposed Water Quality Standard Changes*

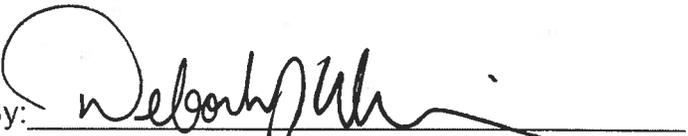
Parameter	General Use and Non-open Lake Michigan Basin Acute	General Use and Non-open Lake Michigan Basin Chronic	Public and Food Processing Water Supply
Boron	40,100 µg/l	7,600 µg/l	1.0 mg/l
Fluoride	$\exp[A + B \ln(H)]$ µg/l where A = 6.7319 and B = 0.5394	$\exp[A + B \ln(H)]$ µg/l, but shall not exceed 4.0 mg/l where A = 6.0445 and B = 0.5394	1.4 mg/l
Manganese	$\exp[A + B \ln(H)] \times 0.9812$ where A = 4.9187 and B = 0.7467	$\exp[A + B \ln(H)] \times 0.9812$ where A = 4.0635 and B = 0.7467	1.0 mg/l

*Existing standards with no change proposed have been omitted from Table 2.

The Agency's technical witnesses will be available to respond to questions about

these Tables at the hearings held regarding this regulatory proposal.

Respectfully submitted,

By: 
Deborah J. Williams
Assistant Counsel
Division of Legal Counsel

Date: January 14, 2011

Illinois Environmental Protection Agency
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

STATE OF ILLINOIS
COUNTY OF SANGAMON

)
)
)
)

SS

PROOF OF SERVICE

I, the undersigned, on oath state that I have served the attached Pre-Hearing Comments of the Illinois Environmental Protection Agency upon the person to whom it is directed, by placing it an envelope addressed to:

John Therriault, Clerk
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street, Suite 11-500
Chicago, Illinois 60601

Andrew Armstrong
Assistant Attorney General
Environmental Bureau
69 W. Washington Street, Suite 1800
Chicago, Illinois 60602

Kathleen Crowley, Hearing Officer
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street, Suite 11-500
Chicago, Illinois 60601

and mailing it First Class Mail from Springfield, Illinois on January 14, 2011, with sufficient postage affixed.

Kimberly Taylor

SUBSCRIBED AND SWORN TO BEFORE ME

This 14th day of January 2011

Brenda Boehner
Notary Public

