

ORIGINAL

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

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FEB 22 2002

STATE OF ILLINOIS
Pollution Control Board

IN THE MATTER OF:

| | | |
|---|---|----------------------|
| WATER QUALITY AMENDMENTS TO |) | |
| 35 Ill. Adm. Code 302.208(e)-(g), 302.504(a), |) | R02-11 |
| 302.575(d), 303.444, 309.141(h); and |) | (Rulemaking - Water) |
| PROPOSED 35 Ill. Adm. Code 301.267, |) | |
| 301.313, 301.413, 304.120, and 309.157 |) | |

NOTICE OF FILING

Dorothy Gunn, Clerk
Pollution Control Board
100 West Randolph Street
Suite 11-500
Chicago, Illinois 60601

Marie E. Tipsord
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph Street, Suite 11-500
Chicago, Illinois 60601


Mathew Dunn
Illinois Attorney General's Office
Environmental Control Division
James R. Thompson Center
100 West Randolph Street
Chicago, Illinois 60601

Legal Service
Illinois Department of Natural Resources
524 South Second Street
Springfield, Illinois 62701-1787

Attached Service List

PLEASE TAKE NOTICE that I have today filed with the Office of the Clerk of the Pollution Control Board the **ERRATA SHEET NUMBER 2** of the Illinois Environmental Protection Agency, a copy of which is herewith served upon you.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By: 
Sanjay K Sofat
Assistant Counsel
Division of Legal Counsel

Dated: February 20, 2002
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794-9276
(217) 782-5544

THIS FILING PRINTED ON RECYCLED PAPER

FEB 22 2002

IN THE MATTER OF:

STATE OF ILLINOIS
Pollution Control Board

WATER QUALITY AMENDMENTS TO)
 35 Ill. Adm. Code 302.208(e)-(g), 302.504(a),) R02-11
 302.575(d), 303.444, 309.141(h); and) (Rulemaking - Water)
 PROPOSED 35 Ill. Adm. Code 301.267,)
 301.313, 301.413, 304.120, and 309.157)

AGENCY'S ERRATA SHEET NUMBER 2

THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY submits this ERRATA SHEET NUMBER 2 for the above-entitled matter to the Illinois Pollution Control Board and the participants on the Service List. The revisions suggested below (double underlined> are based on the information gathered at the January 29, 2002 hearing and are in addition to the revisions suggested in the Agency's ERRATA SHEET.

Section 302.504 Chemical Constituents

The following concentrations of chemical constituents must not be exceeded, except as provided in Sections 302.102 and 302.530:

- a) The following standards must be met in all waters of the Lake Michigan Basin. Acute aquatic life standards (AS) must not be exceeded at any time except for those waters for which the Agency has approved a zone of initial dilution (ZID) pursuant to Sections 302.102 and 302.530. Chronic aquatic life standards (CS) and human health standards (HHS) must not be exceeded outside of waters in which mixing is allowed pursuant to Section 302.102 and 302.530 by the arithmetic average of at least four consecutive samples collected over a period of at least four days. The samples used to demonstrate compliance with the CS or HHS must be collected in a manner which assures an average representation of the sampling period.

| <u>Constituent</u> | <u>STORET</u> | <u>Unit</u> | <u>AS</u> | <u>CS</u> | <u>HHS</u> |
|--------------------|---------------|-------------|-----------|-----------|------------|
| | <u>Number</u> | | | | |

| <u>Constituent</u> | <u>STORET Number</u> | <u>Unit</u> | <u>AS</u> | <u>CS</u> | <u>HHS</u> |
|---------------------|----------------------|-------------|--|--|------------|
| *** | | | | | |
| Cadmium (dissolved) | 01025 | µg/L | exp[A +Bln(H)] X {1.138672- [(lnH)(0.0418 38)]}* A=-3.6867, and B=1.128 | exp[A +Bln(H)] X {1.101672- [(lnH)(0.0418 38)]}* A = -2.715, and B = 0.7852 | NA |

(Source: Amended at 21 Ill. Reg. 1356, effective December 24, 1997, amended in _____ at _____ Ill. Reg. _____, effective _____, 2002)

Section 302.575 Procedures for Deriving Tier I Water Quality Criteria and Values in the Lake Michigan Basin to Protect Wildlife

- d) Calculation of TSV. The TSV, measured in milligrams per liter (mg/L), is calculated according to the equation:

$$TSV = \{ [TD \times Wt] / [UF_a \times UF_s \times UF_1] \} / \{ W + \sum [F_{TLi} \times BAF_{WTLi}] \}$$

Where:

TSV = target species value in milligrams of substance per liter (mg/L).

TD = test dose that is toxic to the test species, either NOAEL or LOAEL.

UF_a = the uncertainty factor for extrapolating toxicity data across species (unitless).

A species-specific UF_a shall be selected and applied to each target species, consistent with the equation

UF_s = the uncertainty factor for extrapolating from subchronic to chronic exposures (unitless)

UF₁ = the uncertainty factor for extrapolation from LOAEL to NOAEL (unitless)

Wt = average weight in kilograms (kg) of the target species

W = average daily volume of water in liters consumed per day (L/d) by the target species

F_{TLi} = average daily amount of food consumed by the target species in kilograms (kg/d) for trophic level i


BAF_{WTLi} = aquatic life bioaccumulation factor with units of liter per kilogram

(L/kg), as derived in Section 302.570 for trophic level

(Source: Added at 21 Ill. Reg. 1356, effective December 24, 1997, amended in _____ at
_____ Ill. Reg. _____, effective _____, 2002)

Respectfully Submitted

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

By:  _____

Sanjay K Sofat
Assistant Counsel
Division of Legal Counsel

DATED: February 20, 2002

Illinois Environmental Protection Agency
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(217) 782-5544

STATE OF ILLINOIS

COUNTY OF SANGAMON

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)

SS

PROOF OF SERVICE

I, the undersigned, on oath state that I have served the attached **ERRATE SHEET NUMBER 2** upon the person to whom it is directed, by placing a copy in an envelope addressed to:

Dorothy Gunn, Clerk
Pollution Control Board
100 West Randolph Street
Suite 11-500
Chicago, Illinois 60601

(FIRST CLASS MAIL)

Mathew Dunn
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Attached Service List
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and mailing it from Springfield, Illinois on February 20, 2002, with sufficient postage affixed as indicated above.

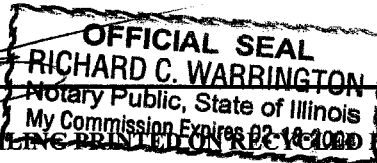
Nancy J D Lamport

SUBSCRIBED AND SWORN TO BEFORE ME

this day of February 20, 2002.

[Handwritten Signature]

Notary Public



THIS FILED IN REC-1000 PAPER

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