

ILLINOIS POLLUTION CONTROL BOARD
January 5, 1989

IN THE MATTER OF:)
)
PROPOSED AMENDMENT TO) R87-6
PHOSPHORUS EFFLUENT STANDARD,)
35 ILL. ADM. CODE 304.123)

PROPOSED RULE. SECOND NOTICE.

CORRECTION OF PROPOSED ORDER OF THE BOARD (by J. Anderson):

Because of a drafting error in the Board's Order of December 15, 1988, dischargers to lakes with a retention time of 18 days or less (Lake Decatur and Lake Charleston) were not fully exempted from the phosphorus effluent limits, as intended (see accompanying Opinion of December 15, 1988, page 11, third paragraph). The Order proposed below amends the December 15, 1988 Order only insofar as it repeats in Section 304.1233(b) the language contained in Section 304.123(c)(1). Also, because of the error, the comment period is extended to February 13, 1989.

The proposed Second Notice Order is hereby amended as follows.

ORDER

The Board hereby proposes the following corrected proposed amendment for Second Notice, which is to be filed with the Joint Committee on Administrative Rules.

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

PART 304
EFFLUENT STANDARDS
SUBPART A: GENERAL EFFLUENT STANDARDS

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SUBPART B: SITE SPECIFIC RULES AND EXCEPTIONS
NOT OF GENERAL APPLICABILITY

Section

304.201 Calumet Treatment Plant Cyanide Discharges
304.202 Chlor-alkali Mercury Discharges in St. Clair County
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304.204 Schoenberger Creek: Groundwater Discharges
304.205 John Deere Foundry Discharges
304.206 Alton Water Company Treatment Plant Discharges
304.207 Galesburg Sanitary District Deoxygenating Wastes Discharges
304.208 City of Lockport Treatment Plant Discharges
304.209 Wood River Station Total Suspended Solids Discharges
304.212 Sanitary District of Decatur Discharges
304.213 Union Oil Refinery Ammonia Discharge
304.214 Mobil Oil Refinery Ammonia Discharge

SUBPART C: TEMPORARY EFFLUENT STANDARDS

Section

304.301 Exception for Ammonia Nitrogen Water Quality Violations

Appendix A References to Previous Rules

AUTHORITY: Implementing Section 13 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1981, ch. 111-1/2, pars 1013 and 1027)

SOURCE: Filed with the Secretary of State January 1, 1978; amended at 2 Ill. Reg. 30, p. 343, effective July 27, 1978; amended at 2 Ill. Reg. 44, p. 151, effective November 2, 1978; amended at 3 Ill. Reg. 20 p. 95, effective May 17, 1979; amended at 3 Ill. Reg. 25 p. 190, effective June 21, 1979; amended at 4 Ill. Reg. 20, p. 53, effective May 7, 1980; amended at 6 Ill. Reg. 563, effective December 24, 1981; codified at 6 Ill. Reg. 7818, amended at 6 Ill. Reg. 11161, effective September 7, 1982; amended at 6 Ill. Reg. 13750 effective October 26, 1982; amended at 7 Ill. Reg. 3020, effective March 4, 1983; amended at 7 Ill. Reg. 8111, effective June 23, 1983; amended at 7 Ill. Reg. 14515, effective October 14, 1983; amended at 7 Ill. Reg. 14910, effective November 14, 1983; amended at 8 Ill. Reg. 1600, effective January 18, 1984; amended at 8 Ill. Reg. 3687, effective March 14, 1984; amended at 8 Ill. Reg. 8237, effective June 8, 1984; amended at 9 Ill. Reg. 1379, effective January 21, 1985; amended at 9 Ill. Reg. 4510, effective March 22, 1985; peremptory amendment at 10 Ill. Reg. 456, effective December 23, 1985; amended at 11 Ill. Reg. 3117, effective January 28, 1987; amended in R84-13 at 11 Ill.

Reg. 7291, effective April 3, 1987; amended in R86-17(A) at 11 Ill. Reg. 14748, effective August 24, 1987; amended in R84-16 at 12 Ill. Reg. 2445, effective January 15, 1988; amended in R87-6 at _____ Ill. Reg. _____, effective _____.

Section 304.123 Phosphorus (STORET number 00665)

- a) No effluent discharge within the Lake Michigan Basin shall contain more than 1.0 mg/l of phosphorus as P.
- b) No effluent from any source which discharges within the Fox River Basin above and including Pistakee Lake and whose untreated waste load is 1500 or more population equivalents shall contain more than 1.0 mg/l of phosphorus as P.
- e) No effluent from any source which discharges to a lake or reservoir with a surface area of 8.1 hectares (20 acres) or more or to any tributary to such a lake or reservoir and whose untreated waste load is 5000 or more population equivalents shall contain more than 1.0 mg/l of phosphorus as P.
- d) No effluent from any source which discharge to a lake or reservoir with a surface area of 8.1 hectares (20 acres) or more which does not comply with Section 302.205 or to any tributary to such a lake or reservoir and whose untreated waste load is 1500 or more population equivalents and which is not governed by Sections 304.120(a) or 304.120(e) shall contain more than 1.0 mg/l of phosphorus as P.
- b) No effluent from any source which discharges to a lake or reservoir with a surface area of 8.1 hectares (20 acres) or more, or to any tributary of such a lake or reservoir within 10.25 kilometers (25 miles) of the point where the tributary enters the lake or reservoir, whose untreated waste load is 2500 or more population equivalents, and which does not utilize a third-stage lagoon treatment system as specified in Sections 304.120(a) and (c), shall exceed 1.0 mg/l of phosphorus as P; however, this subsection (b) shall not apply where the lake or reservoir on an annual basis exhibits a mean hydraulic retention time of 0.05 years (18 days) or less.
- c) No effluent from any source which discharges to a lake or reservoir with a surface area of 8.1 hectares (20 acres) or more, or to any tributary of such a lake or reservoir beyond 10.25 kilometers (25 miles) of the point where the tributary enters the lake or reservoir, whose untreated waste load is 2500 or more population equivalents, and which does not utilize a third-stage lagoon treatment system as specified in Sections 304.120(a) and (c), shall exceed 1.0 mg/l of phosphorus as P.; however, this subsection (c) shall not apply:
 - 1) Where the lake or reservoir on an annual basis exhibits a mean hydraulic retention time of 0.05 years (18 days) or less; or

2) Where effluent, if untreated for removal of phosphorus, would contribute less than 3% of the phosphorus loading of all tributaries to such lake or reservoir, including non-point sources.

d) For the purpose of this Section the term "lake or reservoir" shall not include low level pools constructed in free flowing streams or any body of water which is an integral part of an operation which includes the application of sludge on land.

f) Compliance with the limitations of paragraph (c) shall be achieved by the following dates:

1) New sources shall comply on the effective date of this regulation, and

2) Existing sources shall comply by December 31, 1980, or such other date as required by NPDES permit, or as ordered by the Board under Title VIII or Title IX of the Act.

g) Compliance with the limitations of paragraph (d) shall be achieved by December 31, 1985, or such other date as required by NPDES permit, or as ordered by the Board under Title VIII or Title IX of the Act.

e) Compliance with the limitations of paragraph (b) shall be achieved by the following dates:

1) Sources with the present capability to comply shall do so on the effective date of this regulation;

2) All other sources shall comply as required by NPDES permit.

(SOURCE: Amended at ____ Ill. Reg. _____, effective _____)

IT IS SO ORDERED.

B. Forcade dissented.

I, Dorothy M. Gunn, Clerk of the Illinois Pollution Control Board, hereby certify that the above Corrected Second Notice Order was adopted on the 5th day of January, 1989, by a vote of 6-1.

Dorothy M. Gunn
Dorothy M. Gunn, Clerk
Illinois Pollution Control Board