



NR 293

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

L. P. Voigt
Secretary

BOX 450
MADISON, WISCONSIN 53701

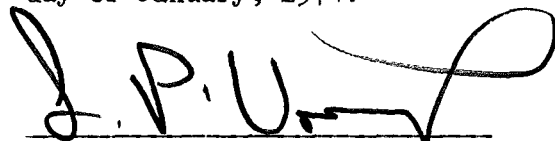
IN REPLY REFER TO: _____

STATE OF WISCONSIN)
)
DEPARTMENT OF NATURAL RESOURCES) SS

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, L. P. Voigt, Secretary of the Department of Natural Resources and custodian of the official records, do hereby certify that the annexed copy of Natural Resources Board Order No. W-23-74 (E) has been compared by me with the original order on file in this office of the Department of Natural Resources, Madison, Wisconsin, and that the same is a true copy thereof, and of the whole of such original order; that said order was duly passed and published as set forth therein.

IN TESTIMONY WHEREOF, I have hereunto set my hand at the Pyare Square Building in the City of Madison, this 23rd day of January, 1974.



L. P. Voigt, Secretary

(SEAL)

STATE OF WISCONSIN NATURAL RESOURCES BOARD

.....
IN THE MATTER of creating NR 293 .
of the Wisconsin Administrative .
Code .
.....

ORDER NUMBER W-23-74 (E)

ORDER OF THE STATE OF WISCONSIN NATURAL RESOURCES

BOARD CREATING RULES

Pursuant to authority vested in the State of Wisconsin Natural Resources Board by sections 147.04 (4) and (5) and 227.027, Wisconsin Statutes, the State of Wisconsin Natural Resources Board hereby creates rules as follows:

CHAPTER NR 293
Effluent Limitations for
Privately Owned Domestic Sewage Treatment Works
Wisconsin Pollutant Discharge Elimination System

NR 293.01 Purpose The purpose of this chapter is to establish minimum interim limitations for privately owned domestic sewage treatment works pursuant to section 147.04 (5), Wisconsin Statutes. More stringent limitations may be required where necessary to meet water quality standards in accordance with section 147.04(4), Wisconsin Statutes.

293.10 Effluent limitations for privately owned domestic sewage treatment works:

(1) Privately owned domestic sewage treatment works shall no later than July 1, 1977, achieve as a minimum all of the following effluent limitations except as provided under paragraph (2) of this section.

(a) Biochemical oxygen demand (five day)

1. The arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 30 milligrams per liter.
2. The arithmetic mean of the values for effluent samples collected in a period of seven consecutive days shall not exceed 45 milligrams per liter.
3. The arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic mean of the values for influent samples collected at approximately the same times during the same period (85 percent removal).

(b) Suspended solids

1. The arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 30 milligrams per liter.
2. The arithmetic mean of the values for effluent samples collected in a period of seven consecutive days shall not exceed 45 milligrams per liter.
3. The arithmetic mean of the values for effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic mean of the values for influent samples collected at approximately the same times during the same period (85 percent removal).

(c) Fecal coliform bacteria

1. The geometric mean of the value for effluent samples collected in a period of 30 consecutive days shall not exceed 200 per 100 milliliters.
2. The geometric mean of the values for effluent samples collected in a period of seven consecutive days shall not exceed 400 per 100 milliliters.

(d) pH. The effluent values for pH shall remain within the limits of 6.0 to 9.0.

- (e) Other Limitations. Permits will be issued to privately owned domestic sewage treatment works which may impose effluent limitations applicable to pollutants other than biochemical oxygen demand, suspended solids, pH, and fecal coliform. Such limitations will reflect and take into consideration pretreatment requirements that may be imposed upon specific discharges to a given privately owned domestic sewage treatment works and such pretreatment requirements will take into account levels of reductions which will be attainable by the given privately owned domestic sewage treatment works by secondary treatment.
- (2) Special Conditions
 - (a) Industrial Wastes. For certain industrial categories, the discharge to waters of the state of biochemical oxygen demand and suspended solids permitted by applicable effluent limitations may be less stringent than the values given in NR 293.10 (1)(a)1 and (1)(b)1. In cases when wastes are introduced from such an industrial category into a privately owned domestic sewage treatment works, the values for biochemical oxygen demand and suspended solids in NR 293.10 (1)(a)1 and (1)(b)1 may be adjusted upwards provided that:
 1. the permitted discharge of such pollutants, attributable to the industrial category, would not be greater than that which would be permitted by directly applicable effluent limitations if such industrial category were to discharge directly into the waters of the state, and
 2. the flow or loading of such pollutants introduced by the industrial category exceed 10 percent of the design flow or loading of the privately owned domestic sewage treatment works. When such an adjustment is made, the values for biochemical oxygen demand or suspended solids in NR 293.10 (1)(a)2 and (1)(b)2 should be adjusted proportionally.
 - (b) Upset Conditions. There are certain conditions which will upset a secondary treatment process resulting in a temporary increase in pollutant discharge in excess of that attainable by secondary treatment. Procedures for notice and review of upset incidents will be specified in permits issued for privately owned domestic sewage treatment works.
- (3) Sampling and Test Procedures
 - (a) Sampling and test procedures shall be those described in the applicable permit.
 - (b) Chemical oxygen demand (COD) or total organic carbon (TOC) may be substituted for biochemical oxygen demand (BOD) when a long-term BOD:COD or BOD:TOC correlation has been demonstrated.

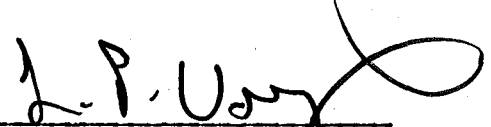
293.20 Reserved for Effluent Limitations for Best Practicable Waste Treatment Technology

The rules contained herein shall take effect upon publication.

Dated at Madison, Wisconsin January 23, 1974

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES

By


L. P. Voigt, Secretary

(SEAL)



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

L. P. Voigt
Secretary

January 23, 1974

BOX 450
MADISON, WISCONSIN 53701

IN REPLY REFER TO: 1020

Mr. James J. Burke
Revisor of Statutes
411 West
C A P I T O L

Dear Mr. Burke:

Enclosed is State of Wisconsin Natural Resources Board Order No. W-23-74 (E) for filing as required by sections 147.04 (4) and (5), Wisconsin Statutes.

These are interim rules concerning Effluent Limitations for Privately Owned Domestic Sewage Treatment Works adopted pursuant to section 227.027, Wisconsin Statutes, and are effective the day of publication, in the official state paper, which is February 1, 1974.

Very truly yours,

A handwritten signature in cursive script, appearing to read "L. P. Voigt".

L. P. Voigt
Secretary

Enc.