



NR 225

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State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

L. P. Voigt  
Secretary

BOX 450  
MADISON, WISCONSIN 53701

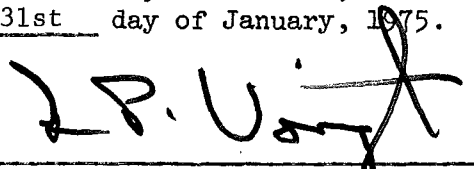
IN REPLY REFER TO: \_\_\_\_\_

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-80-74 (I) 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 and affixed the official seal of the Department at the Pyare Square Building in the City of Madison, this 31st day of January, 1975.

  
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L. P. Voigt, Secretary

(SEAL)

.....  
IN THE MATTER of creating Chapter .  
NR 225 of the Wisconsin Administrative .  
Code pertaining to Canned and Preserved .  
Fruits and Vegetables .  
.....

ORDER NO. W-80-74 (I)

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(2), 147.04(5), 147.06, 147.07(2) and Chapter 227, Wisconsin Statutes, the State of Wisconsin Natural Resources Board hereby creates rules as follows:

CHAPTER NR 22.5  
Effluent Limitations and Standards  
Canned and Preserved Fruits and Vegetables

NR 22.5.01 Purpose. The purpose of this chapter is to establish effluent limitations, standards of performance, and pretreatment standards for discharges of process wastes from the canned and preserved fruits and vegetables category of point sources and subcategories thereof. NOTE: The authority for promulgation of this chapter is set forth in Wis. Adm. Code chapter NR 205.

NR 22.5.02 Applicability. The effluent limitations, standards of performance, pretreatment standards, and other provisions in this chapter are applicable to pollutants or pollutant properties in discharges of process waste resulting from the production of canned and preserved fruits and vegetables in the following subcategories:

- (1) apple juice,
- (2) apple products, except caustic peeled or dehydrated,
- (3) citrus products,
- (4) frozen white potato products, and
- (5) dehydrated white potato products.

NR 22.5.03 Definitions. Definitions of terms and meanings of abbreviations are set forth in Wis. Adm. Code chapter NR 205.

NR 22.5.04 Compliance with effluent limitations and standards. Discharge of pollutants from facilities subject to the provisions of this chapter shall not exceed, as appropriate:

- (1) by July 1, 1977 effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available;
- (2) by July 1, 1977 pretreatment standards for existing discharges to publicly owned treatment works;
- (3) by July 1, 1983, effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (4) standards of performance for new sources; or
- (5) pretreatment standards for new sources discharging to publicly owned treatment works.

NR 22.5.05 Modification of effluent limitations.

- (1) Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available may be modified in accordance with this section.
- (2) An individual discharger or other interested person may submit evidence to the department that factors relating to the equipment or facilities involved, the process applied, or other such factors related to such discharger are fundamentally different from the factors considered in the establishment of the effluent limitations. On the basis of such evidence or other available information the department will make a written

determination that such factors are or are not fundamentally different for that facility compared to those specified in the Apple, Citrus, and Potato Development Document, EPA 440/1-74-027-a. If such fundamentally different factors are found to exist, the department shall establish for the discharge effluent limitations in the WPDES permit either more or less stringent than the limitations in this chapter, to the extent dictated by such fundamentally different factors. Such limitations must be approved by EPA which may approve, disapprove, or specify other limitations.

- (3) Copies of this Development Document, "Apple, Citrus and Potato," EPA 440/1-74-027-a, published March, 1974, are available for inspection at the office of the department of natural resources, the secretary of state's office, and the office of the revisor of statutes, and may be obtained for personal use from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20460.

NR 22.506 Application of effluent limitations and standards.

- (1) The effluent limitations and standards set forth in this chapter shall be used in accordance with this section to establish the quantity or quality of pollutants or pollutant properties which may be discharged by a point source subject to the provisions of this chapter, except as;
- (a) they may be modified in accordance with section NR 225.05.
  - (b) they may be superseded by more stringent limitations and standards necessary to achieve water quality standards or meet other legal requirements, or
  - (c) they may be supplemented or superseded by standards or prohibitions for toxic pollutants or by additional limitations for other pollutants required to achieve water quality.
- (2) The production basis for application of the limitations and standards set forth in this chapter shall be the daily average of the maximum month production in the past year for the facility in each subcategory subject to the provisions of this chapter.
- (3) The discharge limitation for a facility subject to the provisions of this chapter shall be the sum of discharges allowable for the production in each subcategory of this chapter.

NR 225.10 Effluent limitations, best practicable treatment. The following effluent limitations for all or specific subcategories when applied in accordance with section NR 225.06 establish, except as provided in section NR225.05, the quantity or quality of pollutants or pollutant properties which may be discharged by a facility subject to the provisions of this chapter after application to process wastes of the best practicable control technology currently available.

- (1) The pH of all discharges shall be within the range of 6.0 to 9.0.
- (2) The 30-day average and daily maximum limitations for BOD<sub>5</sub> and suspended solids are set forth in table 1 in lbs/1000 lbs or kg/1000 kg of raw material.

<u>Subcategory</u>	BPT Effluent Limitations			
	BOD		Suspended Solids	
	Ave.	Max.	Ave.	Max.
(1) apple juice	.3	.6	.4	.8
(2) apple products	.55	1.1	.7	1.4
(3) citrus products	.4	.8	.85	1.7
(4) frozen potato products	1.4	2.8	1.4	2.8
(5) dehydrated potato products	1.2	2.4	1.4	2.8

NR 225.11 Effluent limitations, best available treatment. The following effluent limitations for all or specific subcategories when applied in accordance with section NR 225.06 establish the quantity or quality of pollutants or pollutant properties which may be discharged by a facility subject to the provisions of this chapter after application to process wastes of the best available technology economically achievable.

- (1) The pH of all discharges shall be within the range of 6.0 to 9.0.
- (2) The fecal coliform present in all discharges shall not exceed an MPN of 400/100 ml.
- (3) The 30-day average and daily maximum limitations for BOD<sub>5</sub> and suspended solids are set forth in table 2 in lbs/1000 lbs or kg/1000 kg of raw material.

Table 2

<u>Subcategory</u>	BAT Effluent Limitations			
	BOD		Suspended Solids	
	Ave.	Max.	Ave.	Max.
(1) apple juice	.1	.2	.1	.2
(2) apple products	.1	.2	.1	.2
(3) citrus products	.07	.14	.1	.2
(4) frozen potato products	.17	.34	.55	1.1
(5) dehydrated potato products	.17	.34	.55	1.1

NR 225.12 Standards of performance. The following effluent limitations for all or specific subcategories when applied in accordance with section NR 225.06 establish the quantity or quality of pollutants or pollutant properties which may be discharged by a facility which is a new source subject to the provisions of this chapter.

- (1) The pH of all discharges shall be within the range of 6.0 to 9.0.
- (2) The fecal coliform present in all discharges shall not exceed an MPN of 400/100 ml.
- (3) The 30-day average and maximum daily limitations for BOD<sub>5</sub> and suspended solids are set forth in table 3 in lbs/1000lbs or kg/1000kg of raw material.

Table 3

<u>Subcategory</u>	Standard of Performance Effluent Limitations			
	BOD		Suspended Solids	
	Ave.	Max.	Ave.	Max.
(1) apple juice	.1	.2	.1	.2
(2) apple products	.1	.2	.1	.2
(3) citrus products	.07	.14	.1	.2
(4) frozen potato products	.17	.34	.55	1.1
(5) dehydrated potato products	.17	.34	.55	1.1

NR 225.13 Pretreatment standards for new sources. The pretreatment standards for discharges to publicly owned treatment works from new sources subject to the provisions of this chapter shall be as set forth in Wis. Adm. Code chapter NR 211. In addition the limitations for incompatible pollutants shall be those set forth in section NR 225.12, except as provided in Wis. Adm. Code section NR 211.30(2). Wastewaters from such new sources may not be discharged to publicly owned treatment works except in compliance with this section.

NR 225.14 Pretreatment standards for existing sources. (Reserved)

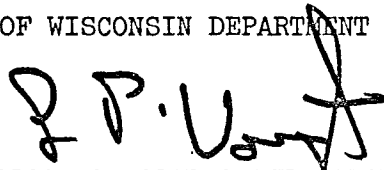
The foregoing rules were approved and adopted by the State of Wisconsin Natural Resources Board on December 20, 1974.

The rules contained herein shall take effect upon publication in the official state newspaper.

Dated at Madison, Wisconsin January 31, 1975

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

By



L. P. Voigt, Secretary

(SEAL)