

Chapter NR 225

**CANNED AND PRESERVED FRUITS AND
VEGETABLES
(INTERIM EFFLUENT LIMITATIONS)**

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Note: Pursuant to chapter 147 Wis. Stats. and under the procedure of section 227.027 Wis. Stats., the department of natural resources has promulgated interim effluent limitations which were effective February 28, 1975 and will remain in effect for one year. These interim effluent limitations will be periodically replaced by permanent limitations.

NR 225.01 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.

History: Cr. eff. 2-28-75.

NR 225.02 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.

History: Cr. eff. 2-28-75.

NR 225.03 Definitions. Definitions of terms and meanings of abbreviations are set forth in Wis. Adm. Code chapter NR 205.

History: Cr. eff. 2-28-75.

NR 225.04 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.

History: Cr. eff. 2-28-75.

NR 225.05 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.

History: Cr. eff. 2-28-75.

NR 225.06 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.

History: Cr. eff. 2-28-75.

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 NR 225.05, 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 BOD₅ and suspended solids are set forth in table 1 in lbs/1000 lbs or kg/1000 kg of raw material.

Table 1

Subcategory	BPT Effluent Limitations			
	Ave.	Max.	Suspended Ave.	Solids 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 BOD₅ and suspended solids are set forth in table 2 in lbs/1000 lbs or kg/1000 kg of raw material.

Table 2

Subcategory	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

History: Cr. eff. 2-28-75.

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 BOD₅ and suspended solids are set forth in table 3 in lbs/1000 lbs or kg/1000 kg of raw material.

Table 3

Standard of Performance Effluent Limitations

Subcategory	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

History: Cr. eff. 2-28-75.

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.

History: Cr. eff. 2-28-75.

NR 225.14 Pretreatment standards for existing sources. The pretreatment standards for discharges to publicly owned treatment works from existing point sources subject to the provisions of this chapter shall be as set forth in Wis. Adm. Code chapter NR 211 except that section NR 211.30 shall not apply.

History: Cr. eff. 6-10-75.