



State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny  
Secretary

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MADISON, WISCONSIN 53707

CR 88-152

STATE OF WISCONSIN )  
 )  
DEPARTMENT OF NATURAL RESOURCES )

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Bruce B. Braun, Deputy Secretary of the Department of Natural Resources and custodian of the official records of said Department, do hereby certify that the annexed copy of Natural Resources Board Order No. WW-39-88 was duly approved and adopted by this Department on December 15, 1988. I further certify that said copy has been compared by me with the original on file in this Department and that the same is a true copy thereof, and of the whole of such original.

IN TESTIMONY WHEREOF, I have here-  
unto set my hand and affixed the  
official seal of the Department at  
the Natural Resources Building in  
the City of Madison, this 13<sup>th</sup>  
day of February, 1989.

*Bruce B. Braun*  
Bruce B. Braun, Deputy Secretary

(SEAL)

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ORDER OF THE STATE OF WISCONSIN  
NATURAL RESOURCES BOARD  
REPEALING AND RECREATING RULES

. . . . .  
IN THE MATTER of repealing and .  
recreating ch. NR 297 of the .  
Wisconsin Administrative Code .  
pertaining to effluent limitations . WW-39-88  
and pretreatment standards for the .  
timber products processing industry .  
. . . . .

Analysis Prepared by Department of Natural Resources

Statutory authority: ss. 147.01, 147.035, 147.04, 147.06, 147.07,  
and 227.11(2)(a), Stats.  
Statutes interpreted: ss. 147.035, 147.04, 147.06, and 147.07,  
Stats.

The Federal Water Pollution Control Act amendments of 1972 established a comprehensive program to "restore and maintain the chemical, physical and biological integrity of the Nation's waters" (section 101(a)). To implement the act, the U.S. Environmental Protection Agency issues effluent limitations, pretreatment standards, and new source performance standards for industrial wastewater discharges. The Clean Water Act of 1977 expanded the federal pollution control program by setting different types of effluent limitations: "best practicable technology" (BPT), "best available technology" (BAT), "best conventional technology" (BCT), "new source performance standards" (NSPS), "pretreatment standards for existing sources" (PSES), and "pretreatment standards for new sources" (PSNS). The Clean Water Act stressed control of toxic pollutants, including 65 "priority" pollutants and classes of pollutants from 21 major industries.

The Wisconsin Department of Natural Resources instituted the Wisconsin pollutant discharge elimination system in 1976. This system includes the regulation of discharges from various industries. The Wisconsin Department of Natural Resources is promulgating ch. NR 297, Wis. Adm. Code, to regulate the timber products processing industry. The provisions of this chapter are based upon the U.S. Environmental Protection Agency's regulations in 40 C.F.R. Part 429.

The purpose of this rule is to specify effluent limitations for BPT, BAT, BCT, and NSPS for the direct discharge of pollutants to waters of the state and to establish pretreatment standards for the introduction of pollutants to publicly owned treatment works. The effect of the repeal and recreation of ch. NR 297, Wis. Adm. Code, will be to update and clarify the state standards and limitations for industrial wastewater discharges from the timber products processing industry. The code will reflect changes made by the U.S. Environmental Protection Agency under authority of sections 301, 304, 306, 307, 308, and 501 of the Clean Water Act.

The timber products processing industry encompasses a diverse group of manufacturing plants whose primary raw material is wood. Products range from wood building products, such as finished lumber, to hardboard and preserved wood. The timber products processing category has been divided into sixteen subcategories. Except for wood preserving, wet process hardboard, and insulation board, the subcategories are either essentially dry processes, can achieve zero discharge through recycling or recovery, do not discharge to a publicly owned treatment works, or already employ waste management practices that reflect the highest level of economically feasible control.

For wood preserving, the principal determinant of the volume of wastewater is the process used to reduce the wood's moisture content and increase the wood's permeability. The principal determinant of the composition of the wastewater is the preservative used to treat the wood.

During the manufacture of wet process hardboard and insulation board, water serves as the fiber transporting medium. Pollutants primarily are water soluble wood constituents. Additives used to improve product quality contribute to the wasteload.

Four federal documents form the basis for 40 CFR Part 429 and ch. NR 297: (1) development document for effluent limitations guidelines, new source performance standards, and pretreatment standards for the timber products point source category (USEPA, Washington, D.C., EPA 440/1-81/023, January, 1981); (2) economic impact analysis of alternative pollution control technologies, wood preserving subcategories of the timber products industry (USEPA, Washington, D.C., EPA 440/2-79/018, September, 1979); (3) economic impact analysis of alternative pollution control technologies, wet process hardboard and insulation board subcategories of the timber products industry (USEPA, Washington, D.C., EPA 440/2-80/089, December, 1979); (4) sampling and analysis procedures for screening of industrial effluents for priority pollutants (USEPA, Cincinnati, Ohio, April 1977). Copies of these documents are available for inspection at the central office of the Wisconsin Department of Natural Resources, 101 south Webster street, Madison, and may be obtained from the National Technical Information Service (NTIS), Springfield, Virginia 22161, (703) 487-4600.

This rule uses the format and text of 40 C.F.R. Part 429 and is identical to the federal regulation for purposes of s. 227.14(1m)(a), Stats. However, changes have been made in the text of the federal regulation to make the rule useful to Wisconsin citizens, industry, and regulating authorities. These changes are consistent with the current state regulatory framework and reflect the conventions of state rule drafting.

As required by the administrative rules procedures manual, a purpose section has been added. In addition, revisions have been made to the numbering system, citation formats and definition formats. Where possible, Wisconsin Administrative Code references were substituted in the text for references to the Code of Federal Regulations. Citations in the text to the Code of Federal Regulations may be cross-referenced to corresponding sections of the Wisconsin Administrative Code in the table which has been added at the end of the rule. The authority section and subpart divisions in the federal regulation have been deleted. Definitions for "existing source" and "new source" have been added to the general definitions section in the state rule.

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SECTION 1. Chapter NR 297 is repealed and recreated to read:

Chapter NR 297

TIMBER PRODUCTS PROCESSING

- NR 297.001 Purpose
- NR 297.002 Applicability
- NR 297.003 General definitions
- NR 297.004 Numerical limitations
- NR 297.005 Compliance dates

Subchapter I - The barking subcategory

- NR 297.010 Applicability; description of the barking subcategory
- NR 297.011 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.013 New source performance standards
- NR 297.014 Pretreatment standards for existing sources
- NR 297.015 Pretreatment standards for new sources

Subchapter II - The veneer subcategory

- NR 297.020 Applicability; description of the veneer subcategory
- NR 297.021 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.022 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.023 New source performance standards
- NR 297.024 Pretreatment standards for existing sources
- NR 297.025 Pretreatment standards for new sources

Subchapter III - The plywood subcategory

- NR 297.030 Applicability; description of the plywood subcategory
- NR 297.031 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.032 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.033 New source performance standards
- NR 297.034 Pretreatment standards for existing sources
- NR 297.035 Pretreatment standards for new sources

Subchapter IV - The dry process harboard subcategory

- NR 297.040 Applicability; description of the dry process hardwood subcategory
- NR 297.041 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.042 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.043 New source performance standards
- NR 297.044 Pretreatment standards for existing sources
- NR 297.045 Pretreatment standards for new sources

Subchapter V - The wet process hardboard subcategory

- NR 297.050 Applicability; description of the wet process hardwood subcategory
- NR 297.051 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.053 New source performance standards
- NR 297.054 Pretreatment standards for existing sources
- NR 297.055 Pretreatment standards for new sources

Subchapter VI - The water borne and nonpressure wood preserving subcategory

- NR 297.060 Applicability; description of the water borne and nonpressure wood preserving subcategory
- NR 297.061 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.062 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.063 New source performance standards
- NR 297.064 Pretreatment standards for existing sources
- NR 297.065 Pretreatment standards for new sources

Subchapter VII - The steam wood preserving subcategory

- NR 297.070 Applicability; description of the steam wood preserving subcategory
- NR 297.071 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.073 New source performance standards
- NR 297.074 Pretreatment standards for existing sources
- NR 297.075 Pretreatment standards for new sources

Subchapter VIII - The boulton wood preserving subcategory

- NR 297.080 Applicability; description of the Boulton wood preserving subcategory
- NR 297.081 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.082 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.083 New source performance standards
- NR 297.084 Pretreatment standards for existing sources
- NR 297.085 Pretreatment standards for new sources

Subchapter IX - The wet storage subcategory

- NR 297.090 Applicability; description of the wet storage subcategory
- NR 297.091 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.092 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.093 New source performance standards
- NR 297.094 Pretreatment standards for existing sources
- NR 297.095 Pretreatment standards for new sources

Subchapter X - The log washing subcategory

- NR 297.100 Applicability; description of the log washing subcategory
- NR 297.101 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.102 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.103 New source performance standards
- NR 297.104 Pretreatment standards for existing sources
- NR 297.105 Pretreatment standards for new sources

Subchapter XI - The sawmills and planing mills subcategory

- NR 297.110 Applicability; description of the sawmills and planing mills subcategory
- NR 297.111 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.112 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.113 New source performance standards
- NR 297.114 Pretreatment standards for existing sources
- NR 297.115 Pretreatment standards for new sources

Subchapter XII - The finishing subcategory

- NR 297.120 Applicability; description of the finishing subcategory
- NR 297.121 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.122 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.123 New source performance standards
- NR 297.124 Pretreatment standards for existing sources
- NR 297.125 Pretreatment standards for new sources

Subchapter XIII - The particleboard manufacturing subcategory

- NR 297.130 Applicability; description of the particleboard manufacturing subcategory
- NR 297.131 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.132 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.133 New source performance standards
- NR 297.134 Pretreatment standards for existing sources
- NR 297.135 Pretreatment standards for new sources

Subchapter XIV - The insulation board manufacturing subcategory

- NR 297.140 Applicability; description of the insulation board manufacturing subcategory
- NR 297.141 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.143 New source performance standards
- NR 297.144 Pretreatment standards for existing sources
- NR 297.145 Pretreatment standards for new sources

Subchapter XV - The wood furniture and fixture production without water wash spray booths and without laundry facilities subcategory

- NR 297.150 Applicability; description of the wood furniture and fixture production without water wash spray booths and without laundry facilities subcategory
- NR 297.151 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.152 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.153 New source performance standards
- NR 297.154 Pretreatment standards for existing sources
- NR 297.155 Pretreatment standards for new sources

Subchapter XVI - The wood furniture and fixture production with water wash spray booths or with laundry facilities subcategory

- NR 297.160 Applicability; description of the wood furniture and fixture production with water wash spray booths or with laundry facilities subcategory
- NR 297.161 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available
- NR 297.162 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable
- NR 297.163 New source performance standards
- NR 297.164 Pretreatment standards for existing sources
- NR 297.165 Pretreatment standards for new sources

NR 297.001 PURPOSE. The purpose of this chapter is to establish effluent limitations, performance standards, and pretreatment standards for discharges of process wastes from the timber products processing category of point sources and its subcategories.

NR 297.002 APPLICABILITY. This chapter applies to any timber products processing operation and any plant producing insulation board with wood as a major raw material which discharges or may discharge process wastewater pollutants to the waters of the state or which introduces or may introduce process wastewater pollutants into a publicly owned treatment works.

NR 297.003 GENERAL DEFINITIONS. The following definitions are applicable to the terms used in this chapter. Definitions of other terms and abbreviations are set forth in ss. NR 205.03, 205.04, and 211.03.

(1) "Boulton process" means a process in which unseasoned wood is heated in an oily preservative under a partial vacuum to reduce the wood's moisture content prior to injection of the preservative.

(2) "Byproduct utilization" means the manufacture of products from bark and wood waste materials exclusive of the manufacture of insulation board, particleboard, hardboard, or products in other categories or subcategories covered by specific limitations.

(3) "Debris" means woody material such as bark, twigs, branches, heartwood, or sapwood which will not pass through a 2.54 cm (1.0 in) diameter round opening and which is present in the discharge from a wet storage facility.

(4) "Existing source" means any point source, except a new source as defined in sub. (9), from which pollutants may be discharged either into waters of the state or into a publicly owned treatment works.

(5) "Gross production of fiberboard products" means the air dry weight of hardboard or insulation board following formation of the mat and prior to trimming and finishing operations.

(6) "Hardboard" means a panel manufactured from interfelted lignocellulosic fibers consolidated under heat and pressure to a density of 0.5 g/cu cm (31 lb/cu ft) or greater.

(7) "Hydraulic barking" means a wood processing operation that removes bark from wood by the use of water under a pressure of 6.8 atm (100 psia) or greater.

(8) "Insulation board" means a panel manufactured from interfelted lignocellulosic fibers consolidated to a density of less than 0.5 g/cu cm (31 lb/cu ft).

(9) "New source," as defined for purposes of new source performance standards and pretreatment standards for new sources, means any point source for which construction commenced after October 31, 1979, and from which pollutants are or may be discharged directly to waters of the state or to a publicly owned treatment works.

(10) "Particleboard" means board products composed of undefiberized particles of wood and other lignocellulosic materials bonded together with organic or inorganic binder materials.

(11) "Process wastewater" means wastewater other than noncontact cooling water, material storage yard runoff, and boiler blowdown. For the dry process hardboard, veneer, finishing, particleboard, and sawmills and planing mills subcategories, fire control water is not process wastewater.

(12) "Self contained body of water" means a body of water which does not have a continuous natural influent of either surface or groundwater and which is used to store raw materials for the manufacture of lumber and wood products except for timber.

(13) "Smooth-one-side hardboard" means hardboard which is produced by the wet matting wet pressing process.

(14) "Smooth-two-sides hardboard" means hardboard which is produced by the wet matting dry pressing process.

NR 297.004 NUMERICAL LIMITATIONS. For the subcategories with numerical limitations, the daily maximum limitation is a value which may not be exceeded by any one effluent measurement. The 30-day limitation is a value that may not be exceeded by the average of daily measurements taken during any 30-day period.

NR 297.005 COMPLIANCE DATES. (1) Any existing source subject to this chapter which discharges to waters of the state shall achieve:

- (a) the effluent limitations representing BPT by July 1, 1977; and
- (b) the effluent limitations representing BAT by July 1, 1984.

(2) Any new source subject to this chapter which discharges to waters of the state shall achieve NSPS at the commencement of discharge.

(3) Any existing source subject subject to this chapter which introduces process wastewater pollutants into a POTW shall achieve PSES by January 26, 1984.

(4) Any new source subject to this chapter which introduces process wastewater pollutants into a POTW shall achieve PSNS at the commencement of discharge.

SUBCHAPTER I - THE BARKING SUBCATEGORY

NR 297.010 APPLICABILITY; DESCRIPTION OF THE BARKING SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from the barking of logs by plants in the lumber and wood products industry, except for furniture making, and plants producing insulation board.

NR 297.011 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following effluent limitations representing the degree of effluent reduction attainable by application of BPT.

(1) Mechanical barking installations may not discharge process wastewater pollutants into waters of the state.

(2) The following limitations apply to hydraulic barking installations:

Table 1

Hydraulic Barking

Pollutant or pollutant property	BPT Effluent Limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kilograms/cubic meter (pounds per cubic foot) of logs from which bark is removed	
BOD5	1.5 (0.09)	0.5 (0.03)
TSS	6.9 (0.431)	2.3 (0.144)
pH	(1)	(1)

(1) Within the range of 6.0 to 9.0 at all times

NR 297.013 NEW SOURCE PERFORMANCE STANDARDS. The discharge of wastewater pollutants from any new source subject to this subchapter may not exceed the following standards.

(1) Mechanical barking installations may not discharge process wastewater pollutants into waters of the state.

(2) Hydraulic barking installations may not exceed the limitations set forth in s. NR 297.011(2).

NR 297.014 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

NR 297.015 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER II - THE VENEER SUBCATEGORY

NR 297.020 APPLICABILITY; DESCRIPTION OF THE VENEER SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from any plant which manufactures veneer and does not store or hold raw materials in wet storage conditions.

NR 297.021 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following effluent limitations representing the degree of effluent reduction attainable by application of BPT.

(1) Except for the installations subject to subs. (2) and (3), veneer manufacturing installations may not discharge process wastewater pollutants into waters of the state.

(2) The following limitations apply to softwood veneer manufacturing processes which use direct steaming for the conditioning of logs:

Table 2

Softwood Veneer Manufacturing With Direct Steaming

	BPT Effluent Limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
Pollutant or pollutant property	kilograms/cubic meter (pounds per cubic foot) of veneer produced	
BOD5	0.72 (0.045)	0.24 (0.015)
pH	(1)	(1)

(1) Within the range of 6.0 to 9.0 at all times

(3) The following limitations apply to hardwood veneer manufacturing processes which use direct steaming for the conditioning of logs:

Table 3

Hardwood Veneer Manufacturing With Direct Steaming

Pollutant or pollutant property	BPT Effluent Limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kilograms/cubic meter (pounds per cubic foot) of veneer produced	
BOD5	1.62 (0.10)	0.54 (0.034)
pH	(1)	(1)

(1) Within the range of 6.0 to 9.0 at all times

NR 297.022 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.023 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge wastewater pollutants to waters of the state.

NR 297.024 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

NR 297.025 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER III - THE PLYWOOD SUBCATEGORY

NR 297.030 APPLICABILITY; DESCRIPTION OF THE PLYWOOD SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from any plywood production plant which does not store or hold raw materials in wet storage conditions.

NR 297.031 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.032 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.033 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants to waters of the state.

NR 297.034 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

NR 297.035 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER IV - THE DRY PROCESS HARDBOARD SUBCATEGORY

NR 297.040 APPLICABILITY; DESCRIPTION OF THE DRY PROCESS HARDBOARD SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from any plant which produces hardboard using the dry matting process for forming the board mat.

NR 297.041 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.042 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.043 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants to waters of the state.

NR 297.044 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

NR 297.045 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER V - THE WET PROCESS HARDBOARD SUBCATEGORY

NR 297.050 APPLICABILITY; DESCRIPTION OF THE WET PROCESS HARDBOARD SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from any plant which produces hardboard products using the wet matting process for forming the board mat.

NR 297.051 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following effluent limitations representing the degree of effluent reduction attainable by application of BPT:

Table 4

Smooth-One-Side Hardboard

Pollutant or pollutant property	BPT Effluent Limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kkg (1b/1,000 pounds) of gross production	
BOD5	20.5	10.7
TSS	37.3	24.6
pH	(1)	(1)

(1) Within the range of 6.0 to 9.0 at all times

Table 5

Smooth-Two-Sides Hardboard

Pollutant or pollutant property	BPT Effluent Limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kkg (lb/1,000 pounds) of gross production	
BOD5	32.9	21.4
TSS	54.2	37.1
pH	(1)	(1)

(1) Within the range of 6.0 to 9.0 at all times

NR 297.053 NEW SOURCE PERFORMANCE STANDARDS. (1) For purposes of the wet process subcategory only, "new source" means a source which is constructed at a site which has no other source covered by this chapter.

(2) Any new source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.054 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

NR 297.055 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER VI - THE WATERBORNE AND NONPRESSURE WOOD  
PRESERVING SUBCATEGORY

NR 297.060 APPLICABILITY; DESCRIPTION OF THE WATER BORNE AND NONPRESSURE WOOD PRESERVING SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from pressure wood preserving treatment processes which employ water borne inorganic salts and all nonpressure wood preserving treatment processes.

NR 297.061 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants to waters of the state.

NR 297.062 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants to waters of the state.

NR 297.063 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge wastewater pollutants to waters of the state.

NR 297.064 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Except as provided in ss. NR 211.13 and 211.14, any existing source subject to this subchapter shall comply with ch. NR 211 and may not introduce process wastewater pollutants into a POTW.

NR 297.065 PRETREATMENT STANDARDS FOR NEW SOURCES. Except as provided in s. NR 211.13, any new source subject to this subchapter shall comply with ch. NR 211 and may not introduce process wastewater pollutants into a POTW.

SUBCHAPTER VII - THE STEAM WOOD PRESERVING SUBCATEGORY

NR 297.070 APPLICABILITY; DESCRIPTION OF THE STEAM WOOD PRESERVING

SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from 4 types of operations:

(1) Wood preserving processes which use direct steam impingement on wood as the predominant conditioning method;

(2) Wood preserving processes which use the vapor drying process as the predominant conditioning method;

(3) Direct steam conditioning processes which use the same retort to treat with both salt and oil type preservatives; and

(4) Steam conditioning processes which apply both salt type and oil type preservatives to the same stock.

NR 297.071 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT

REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL

TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following effluent limitations representing the degree of effluent reduction attainable by application of BPT:

Table 6

Steam Wood Preserving

Pollutant or pollutant property	BPT Effluent Limitations			
	Maximum for any 1 day		Average of daily values for 30 consecutive days	
	kilograms/1,000 cubic meters (pounds per 1,000 cubic feet) of product			
COD	1,100.0	(68.5)	550.0	(34.5)
Phenols	2.18	(0.14)	0.65	(0.04)
Oil and grease	24.0	(1.5)	12.0	(0.75)
pH	(1)		(1)	

(1) Within the range of 6.0 to 9.0 at all times

NR 297.073 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge wastewater pollutants to waters of the state.

NR 297.074 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Except as provided in ss. NR 211.13 and 211.14, any existing source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211 and achieve the following PSES. The following mass limitations are provided as guidance for cases where the POTW finds that mass limitations are necessary.

Table 7

Steam Wood Preserving

PSES		
Maximum for any 1 day		
Pollutant or pollutant property	mg/liter	grams/cubic meter of production
Oil and grease	100	20.5
Copper	5	0.62
Chromium	4	0.41
Arsenic	4	0.41

NR 297.075 PRETREATMENT STANDARDS FOR NEW SOURCES. Except as provided in s. NR 211.13, any new source subject to this subchapter shall comply with ch. NR 211 and may not introduce process wastewater pollutants into a POTW.

SUBCHAPTER VIII - THE BOULTON WOOD PRESERVING SUBCATEGORY

NR 297.080 APPLICABILITY; DESCRIPTION OF THE BOULTON WOOD PRESERVING SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from wood preserving operations which use the Boulton process as the predominant method of conditioning stock.

NR 297.081 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.082 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.083 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants to waters of the state.

NR 297.084 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Except as provided in ss. NR 211.13 and 211.14, any existing source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211 and achieve the following PSES. The following mass limitations are provided as guidance for cases where the POTW finds that mass limitations are necessary.

Table 8

Boulton Wood Preserving

Pollutant or pollutant property	PSES	
	mg/liter	Maximum for any 1 day grams/cubic meter of production
Oil and grease	100	20.5
Copper	5	0.62
Chromium	4	0.41
Arsenic	4	0.41

NR 297.085 PRETREATMENT STANDARDS FOR NEW SOURCES. Except as provided in s. NR 211.13, any new source subject to this subchapter shall comply with ch. NR 211 and may not introduce process wastewater pollutants into a POTW.

SUBCHAPTER IX - THE WET STORAGE SUBCATEGORY

NR 297.090 APPLICABILITY; DESCRIPTION OF THE WET STORAGE SUBCATEGORY.

This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from the storage of unprocessed wood, such as logs or roundwood before or after removal of bark, in self contained bodies of water, such as mill ponds or log ponds, or the storage of logs or roundwood on land during which water is sprayed or deposited intentionally on the logs.

NR 297.091 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following effluent limitations representing the degree of effluent reduction attainable by application of BPT. Debris may not be discharged and the pH shall be within the range of 6.0 to 9.0.

NR 297.092 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following effluent limitations representing the degree of effluent reduction attainable by application of BPT. Debris may not be discharged and the pH shall be within the range of 6.0 to 9.0.

NR 297.093 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge debris and the pH of the discharge shall be within the range of 6.0 to 9.0.

NR 297.094 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

NR 297.095 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER X - THE LOG WASHING SUBCATEGORY

NR 297.100 APPLICABILITY; DESCRIPTION OF THE LOG WASHING SUBCATEGORY.

This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from log washing processes in which water under pressure is applied to logs to remove foreign material from the log's surface before further processing.

NR 297.101 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following effluent limitations representing BPT. The total suspended solids concentration may not be greater than 50 mg/l and the pH shall be within the range of 6.0 to 9.0.

NR 297.102 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.103 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.104 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

NR 297.105 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER XI - THE SAWMILLS AND PLANING MILLS SUBCATEGORY

NR 297.110 APPLICABILITY; DESCRIPTION OF THE SAWMILLS AND PLANING MILLS SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from timber products processing procedures which include any or all of the following operations: bark removal other than hydraulic barking, sawing, resawing, edging, trimming, planing, and machining.

NR 297.111 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into navigable waters.

NR 297.112 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.113 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.114 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

NR 297.115 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER XII - THE FINISHING SUBCATEGORY

NR 297.120 APPLICABILITY; DESCRIPTION OF THE FINISHING SUBCATEGORY.

This subcategory applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from the drying, planing, dipping, staining, end coating, moisture proofing, fabrication, and byproduct utilization timber processing operations not otherwise covered by specific limitations and standards.

NR 297.121 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.122 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.123 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.124 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

NR 297.125 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER XIII - THE PARTICLEBOARD MANUFACTURING SUBCATEGORY

NR 297.130 APPLICABILITY; DESCRIPTION OF THE PARTICLEBOARD MANUFACTURING SUBCATEGORY. This subcategory applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from any plant which manufactures particleboard.

NR 297.131 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.132 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.133 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.134 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

NR 297.135 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER XIV - THE INSULATION BOARD SUBCATEGORY

NR 297.140 APPLICABILITY; DESCRIPTION OF THE INSULATION BOARD

SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from plants which produce insulation board using wood as the primary raw material. This subcategory does not apply if bagasse is the primary raw material.

NR 297.141 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following effluent limitations representing the degree of effluent reduction attainable by application of BPT:

Table 9

Insulation Board

Pollutant or pollutant property	BPT Effluent Limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kkg (lb per 1,000 lb) of gross production	
BOD5	8.13	4.32
TSS	5.69	2.72
pH	(1)	(1)

(1) Within the range of 6.0 to 9.0 at all times

NR 297.143 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants into waters of the state.

NR 297.144 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any existing source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

NR 297.145 PRETREATMENT STANDARDS FOR NEW SOURCES. Any new source subject to this subchapter which introduces pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER XV - THE WOOD FURNITURE AND FIXTURE PRODUCTION WITHOUT WATER  
WASH SPRAY BOOTHS OR WITHOUT LAUNDRY FACILITIES SUBCATEGORY

NR 297.150 APPLICABILITY; DESCRIPTION OF THE WOOD FURNITURE AND FIXTURE  
PRODUCTION WITHOUT WATER WASH SPRAY BOOTHS OR WITHOUT LAUNDRY FACILITIES  
SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters  
of the state and the introduction of pollutants into POTWs from the  
manufacture of wood furniture and fixtures at establishments which do not  
utilize water wash spray booths to collect and contain overspray from the  
spray application of finishing materials and which do not utilize on-site  
laundry facilities for fabric utilized in the various finishing operations.

NR 297.151 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT  
REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL  
TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to  
125.32, any existing point source subject to this subchapter may not discharge  
process wastewater pollutants.

NR 297.152 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT  
REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY  
ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to  
125.32, any existing point source subject to this subchapter may not discharge  
process wastewater pollutants.

NR 297.153 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants.

NR 297.154 PRETREATMENT STANDARDS FOR NEW SOURCES. Any existing source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

NR 297.155 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any new source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

SUBCHAPTER XVI - THE WOOD FURNITURE AND FIXTURE PRODUCTION WITH WATER  
WASH SPRAY BOOTHS OR WITH LAUNDRY FACILITIES SUBCATEGORY

NR 297.160 APPLICABILITY; DESCRIPTION OF THE WOOD FURNITURE AND FIXTURE  
PRODUCTION WITH WATER WASH SPRAY BOOTHS OR WITH LAUNDRY FACILITIES

SUBCATEGORY. This subchapter applies to the discharge of pollutants to waters of the state and the introduction of pollutants into POTWs from the manufacture of wood furniture and fixtures at establishments which either utilize water wash spray booths to collect and contain overspray from the spray application of finishing materials or utilize on-site laundry facilities for fabric utilized in the various finishing operations.

NR 297.161 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT  
REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST PRACTICABLE CONTROL  
TECHNOLOGY CURRENTLY AVAILABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter shall achieve the following effluent limitations representing the application of BPT. Settleable solids shall be less than or equal to 0.2 ml/l and the pH shall be between 6.0 and 9.0 at all times.

NR 297.162 EFFLUENT LIMITATIONS REPRESENTING THE DEGREE OF EFFLUENT  
REDUCTION ATTAINABLE BY THE APPLICATION OF THE BEST AVAILABLE TECHNOLOGY  
ECONOMICALLY ACHIEVABLE. Except as provided in 40 C.F.R. ss. 125.30 to 125.32, any existing point source subject to this subchapter may not discharge process wastewater pollutants.

NR 297.163 NEW SOURCE PERFORMANCE STANDARDS. Any new source subject to this subchapter may not discharge process wastewater pollutants.

NR 297.164 PRETREATMENT STANDARDS FOR NEW SOURCES. Any existing source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

NR 297.165 PRETREATMENT STANDARDS FOR EXISTING SOURCES. Any new source subject to this subchapter which introduces process wastewater pollutants into a POTW shall comply with ch. NR 211.

NOTE: The Wisconsin administrative code corresponds to the code of federal regulations as cross referenced in the following table:

<u>State Code</u>	Corresponding Federal Regulation
s. NR 205.03	40 C.F.R. s. 401.11
s. NR 205.04	40 C.F.R. s. 401.11
ch. NR 211	40 C.F.R. Part 403
s. NR 211.03	40 C.F.R. s. 403.3
s. NR 211.13	40 C.F.R. s. 403.7
s. NR 211.14	40 C.F.R. s. 403.13
ch. NR 297	40 C.F.R. Part 429

The foregoing rules were approved and adopted by the State of Wisconsin Natural Resources Board on December 15, 1988.

The rules shall take effect the first day of the month following publication in the Wisconsin administrative register, as provided in s. 227.22(2) (intro.), Stats.

Dated at Madison, Wisconsin, February 13, 1989.

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

SEAL

By Carroll D Besadny  
Carroll D. Besadny, Secretary





State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny  
Secretary

BOX 7921  
MADISON, WISCONSIN 53707

February 13, 1989

RECEIVED

1020

Mr. Orlan L. Prestegard  
Revisor of Statutes  
Suite 702  
30 W. Mifflin Street

FEB 21 1989  
Revisor of Statutes  
Bureau

Dear Mr. Prestegard:

Enclosed are two copies, including one certified copy, of State of Wisconsin Natural Resources Board Order No. WW-39-88. These rules were reviewed by the Assembly Committee on Natural Resources and the Senate Committee on Urban Affairs, Environmental Resources, Utilities and Elections pursuant to s. 227.19, Stats. A summary of the final regulatory flexibility analysis and comments of the legislative review committees is also enclosed.

You will note that this order takes effect following publication. Kindly publish it in the Administrative Code accordingly.

Sincerely,

C. D. Besadny  
Secretary

Enc.

