



CR 80-159

State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

BOX 7921
MADISON, WISCONSIN 53707

STATE OF WISCONSIN)
) SS
DEPARTMENT OF NATURAL RESOURCES)

TO ALL TO WHOM THESE PRESENTS SHALL COME, GREETINGS:

I, Carroll D. Besadny, 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. WQ-33-80 was duly approved and adopted by this Department on February 23, 1983. 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 hereunto set my hand and affixed the official seal of the Department at General Executive Facility #2 in the City of Madison, this 15th day of April, 1983.

Carroll D. Besadny

Carroll D. Besadny, Secretary

(SEAL)

RECEIVED

APR 19 1983
4:20 p.m.
Advisor of Statutes
Bureau

8-1-83

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

.....
IN THE MATTER of repealing ss. NR 221.14, 225.14, 228.14, .
231.14, 235.14, 236.14, 239.14, 240.14, 245.14, 247, Table 3, .
247.14, 250.14 258.14, 268.14, 269.14, 275.14, 277.14, .
281.14, 285.14, 294.14 and 295.14; repealing and recreating .
ch. NR 211, ss. 221.04, 221.13, 225.04, 225.13, 228.04, .
228.13, 230.04, 230.13, 230, Table 1, 231.04, 231.13, 235.04, .
235.13, 236.04, 236.13, 239.04, 239.13, 240.04, 240.13, .
245.04, 245.13, 247.04, 247.13, 250.04, 250.13, 252.04, .
252.13, 254.04, 254.13, 256.04, 256.13, 258.04, 258.13, .
260.04, 260.13, 268.04, 268.13, 269.04, 269.13, 274.04, .
274.13, 275.04, 275.13, 276.04, 276.13, 277.04, 277.13, .
279.04, 279.13, 280.04, 280.13, 281.04, 281.13, 284.04, .
285.04, 285.13, 286.04, 286.13, 290.04, 290.13, 294.04, .
294.13, 295.04, 295.13, 296.04, 296.13, 297.04 and 297.13; .
and creating s. NR 284.11 of the Wisconsin Administrative Code .
pertaining to general pretreatment requirements for publicly .
owned treatment works. .
.....

WQ-33-80

Analysis Prepared by Department of Natural Resources

The term "pretreatment" means the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to discharge from an industrial user to a publicly owned treatment works (POTW). Pretreatment methods include physical, chemical, or biological processes, process changes or other means.

Section 307(b) and (c) of the Federal Clean Water Act of 1977 established a national policy for the creation and enforcement of pretreatment standards and requirements for industrial wastewaters to:

- 1) Prevent the introduction of pollutants into a POTW that interfere with POTW operations or sludge disposal.
- 2) Prevent the introduction of pollutants into a POTW that will pass through or are incompatible with treatment operations.
- 3) Improve opportunities for recycling and reclamation of municipal and industrial wastewaters and sludges.

Specific regulations to accomplish these goals were published in the federal register under 40 CFR Part 403 on June 26, 1978. Revisions to these federal regulations were issued on January 28, 1981 but were postponed by President Reagan's regulatory freeze and by the subsequent regulatory impact analysis. Most of the 1981 revisions were released a year later and the remaining, more controversial, sections are expected to be released in the near future.

The Natural Resources Board directed the Department by unanimous vote at the September 1978 Board meeting to proceed with the development and implementation of a state Pretreatment Program which complies with the federal requirements. Wisconsin's State Pretreatment Program was developed

and was approved by U.S. EPA on December 24, 1980, third in the nation. In order to fulfill the obligations of this approved pretreatment program, the Department of Natural Resources must update Chapter NR 211 to make it consistent with the federal general pretreatment regulations, 40 CFR Part 403.

An earlier proposed version of NR 211 was presented to the Natural Resources Board in August 1980 and was taken to two public hearings in the fall of 1980. Finalization of this version was withheld pending the issuance of the revised federal regulations.

As is stated in the revised NR 211, the purpose of this rule is to establish, pursuant to ch. 147, Stats., the responsibilities and requirements for industrial users, local units of government, and the Department of Natural Resources in controlling the discharge of pollutants into publicly owned treatment works. The revision to the code is vital to the implementation of the state industrial pretreatment program.

Subchapter I of the rule establishes standards and requirements for the industrial user. Under this rule, effluent standards will be placed on industries for both toxic and compatible pollutants. Industrial users will be required to meet certain reporting deadlines and monitor their effluent periodically. This subchapter also outlines the procedures for obtaining variances to categorical pretreatment standards. Sections NR 211.12, Combined Wastewater Formula, and NR 211.13, Consistent Removal Credits, are reserved because these are two of the more controversial parts of the federal regulations that have not been released in final form by U.S. EPA.

Subchapter II places pretreatment requirements on publicly owned treatment works (POTW). Several POTWs in the state (those discharging more than 5 million gallons of wastewater per day) will be required to develop an administrative program to implement and enforce the pretreatment standards and requirements. The main purpose of this subchapter is to set out the components of the local pretreatment program.

Subchapter III describes the activities of the Department including procedures for approval of POTW pretreatment programs, and the Department's activities in implementing and overseeing local pretreatment programs.

Through the establishment of chapter NR 211, the Department is beginning to assume pretreatment program responsibility as it is required to do by federal law if Wisconsin is to retain its NPDES state status.

Pursuant to the authority vested in the State of Wisconsin Natural Resources Board by ss. 147.01, 147.04, 147.07, 147.09, 147.11 and 227.014, Stats., the State of Wisconsin Natural Resources Board hereby repeals, repeals and recreates, and creates rules interpreting ss. 147.01, 147.02, 147.025, 147.03, 147.04, 147.07, 147.08, 147.09, 147.11, 147.12 and 147.13, Stats. as follows:

Section 1. NR 211 is repealed and recreated to read:

Chapter NR 211
General Pretreatment Requirements

NR 211.01	Purpose
NR 211.02	Applicability
NR 211.03	Definitions
NR 211.04	Severability
NR 211.05	(Reserved)
NR 211.06	(Reserved)
NR 211.07	(Reserved)
NR 211.08	(Reserved)
NR 211.09	(Reserved)

Subchapter I - Industrial User Requirements

NR 211.10	Prohibited discharge standards
NR 211.11	Categorical pretreatment standards
NR 211.12	Combined wastestream formula (reserved)
NR 211.13	Consistent removal credits (reserved)
NR 211.14	Fundamentally different factors variances
NR 211.15	Monitoring and reporting requirements
NR 211.16	(Reserved)
NR 211.17	(Reserved)
NR 211.18	(Reserved)
NR 211.19	(Reserved)

Subchapter II - POTW Requirements

NR 211.20	Establishment of pretreatment programs
NR 211.21	Compliance dates
NR 211.22	Legal authority requirements
NR 211.23	Procedural requirements
NR 211.24	Requests for pretreatment program approval
NR 211.25	Reporting requirements
NR 211.26	Confidentiality
NR 211.27	(Reserved)
NR 211.28	(Reserved)
NR 211.29	(Reserved)

Subchapter III - Department Activities

NR 211.30	Pretreatment program approval
NR 211.31	Department activities in the absence of a pretreatment program
NR 211.32	Supplemental compliance monitoring and enforcement activities
NR 211.33	Certification of industrial user category
NR 211.34	Pretreatment standards and requirements based upon federally promulgated regulations

NR 211.01 PURPOSE. The purpose of this chapter is to establish, under s. 147.07(2), Stats., the responsibilities of industrial users and of publicly owned treatment works in preventing the discharge into publicly owned treatment works of pollutants which will interfere with the operation of the POTW, which will pass through the POTW treatment works insufficiently treated, or which will impair the use or disposal of POTW sludge.

NR 211.02 APPLICABILITY. The provisions of this chapter apply to industrial users and to publicly owned treatment works which receive or may receive wastewater from such industrial users.

NR 211.03 DEFINITIONS. The following special definitions are applicable to terms used in this chapter. Definitions of other terms are set forth in ch. NR 205 and ch. 147, Stats.

(1) "Categorical pretreatment standard" means any standard specifying quantities or concentrations of pollutants or pollutant properties which may be discharged to a POTW by industrial users in specific industrial categories.

(2) "Control authority" means the POTW in relation to POTWs which have a pretreatment program and means the department in relation to POTWs which do not have a pretreatment program.

(3) "Indirect discharge" means the introduction of pollutants into a POTW from any point source other than residential or commercial sources that discharge only domestic waste. Method of introduction includes, but is not limited to, by pipe, truck, or rail car.

(4) "Industrial user" means any source of indirect discharge.

(5) "Interference" means the inhibition or disruption of a POTW's sewer system, treatment processes, or operations by an indirect discharge which causes or significantly contributes to a violation or to an increase in the magnitude or duration of a violation of any requirement of its WPDES permit, including the impairment of the use or disposal of POTW sludge under chs. 144 and 147, Stats.

(6) "New source" means any building, structure, facility, or installation from which there is or may be a discharge, the construction of which is commenced after the date of promulgation in the federal register of the categorical pretreatment standard applicable to such source, or after the date of proposal of the applicable categorical pretreatment standard in the federal register provided the standard is subsequently promulgated within 120 days of proposal.

(7) "Pass-through" means the discharge of pollutants through the POTW to the POTW receiving waters in quantities or concentrations which cause or significantly contribute to a violation of any requirement of the POTW's WPDES permit, including an increase in the magnitude or duration of a violation.

(8) "POTW" or "Publicly owned treatment works" means a treatment works which is owned by a municipality and any sewers that convey wastewater to such a treatment works. This definition includes any devices or systems used by a municipality in the storage, treatment, recycling, and reclamation of municipal sewage or liquid industrial wastes. The term also means the municipality or local unit of government which has jurisdiction over the indirect discharges to, and the discharges from, such a treatment works.

(9) "POTW treatment plant" means that portion of the POTW which is designed to provide treatment, including recycling and reclamation, of municipal sewage and industrial waste.

(10) "Pretreatment" means the reduction of the amount of pollutants, the elimination of pollutants, or the alteration of the nature of pollutant properties in wastewater to a less harmful state prior to, or in lieu of, discharging such pollutants into a POTW.

(11) "Pretreatment program" means a program administered by a POTW that meets the criteria established in subchapter II and which has been approved by the department in accordance with subchapter III.

(12) "Pretreatment requirement" means any substantive or procedural requirement related to pretreatment, other than a pretreatment standard, imposed on an industrial user.

(13) "Pretreatment standard" means any regulation which applies to industrial users and which contains pollutant discharge limits promulgated by the department in accordance with s. 147.07(2)(a), Stats. This term includes both prohibited discharge standards set forth in or established under s. NR 211.10 and categorical pretreatment standards set forth in s. NR 211.11 and in chs. NR 221 through 297.

(14) "Prohibited discharge standard" means any standard specifying quantities or concentrations of pollutants or pollutant properties which may be discharged to a POTW by Industrial users regardless of Industrial category.

(15) "WPDES permit" means a permit issued to a POTW under s. 147.02, Stats., for the purposes of controlling pollutant discharge.

NR 211.04 SEVERABILITY. Should any section, paragraph, phrase, sentence, or clause of this chapter be declared invalid or unconstitutional for any reason, the remainder of this chapter shall not be affected.

NR 211.05 (Reserved)
NR 211.06 (Reserved)
NR 211.07 (Reserved)
NR 211.08 (Reserved)
NR 211.09 (Reserved)

Subchapter 1 - Industrial User Requirements

NR 211.10 PROHIBITED DISCHARGE STANDARDS. (1) Industrial users may not discharge pollutants into a POTW which pass through or interfere with the operation or performance of the POTW, and thereby cause or significantly contribute to a violation of the POTW's WPDES permit.

(a) An Industrial user significantly contributes to pass-through and the consequent permit violation whenever such user:

1. Discharges a daily pollutant loading in excess of that allowed by contract with the POTW or by federal, state, or local law;
2. Discharges wastewater which is substantially different in nature or constituents from the user's average discharge;
3. Knows or has reason to know that its discharge, alone or in conjunction with discharges from other sources, would result in a violation of the POTW's WPDES permit; or
4. Knows or has reason to know that the POTW is, for any reason, violating the final effluent limitations of its WPDES permit and that the Industrial user's discharge, either alone or in conjunction with discharges from other sources, increases the magnitude or duration of the POTW's violation.

(b) An Industrial user significantly contributes to interference and the consequent permit violation whenever such user:

1. Discharges a daily pollutant loading in excess of that allowed by contract with the POTW or by federal, state, or local law;
2. Discharges wastewater which is substantially different in nature or constituents from the user's average discharge; or
3. Knows or has reason to know that its discharge, alone or in conjunction with discharges from other sources, would result in a violation of the POTW's WPDES permit or would prevent municipal sludge use or disposal by the POTW's selected method of sludge disposal in accordance with chs. 144 and 147, Stats.

(2) The following pollutants may not be introduced into a POTW:

- (a) Pollutants which create or contribute to a fire or explosion hazard in the POTW.
- (b) Pollutants which will cause or contribute to corrosive structural damage to the POTW but in no case discharges with a pH lower than 5.0, unless the POTW is specifically designed to accommodate such discharges.
- (c) Solid or viscous pollutants in amounts which will cause or contribute to obstruction to the flow in sewers or other interference with the operation of the POTW.
- (d) Any pollutant, including oxygen demanding pollutants, released in a discharge of such volume or strength as to cause or contribute to interference in the POTW.
- (e) Heat in amounts which will inhibit or contribute to the inhibition of biological activity in the POTW treatment plant resulting in interference or causing damage to the POTW but in no case

heat in such quantities that the temperature exceeds 40°C (104°F) at the influent to the POTW treatment plant unless the department, at the request of the POTW, has approved alternate temperature limits.

(3)(a) POTWs developing pretreatment programs under subchapter 11 shall develop specific prohibited discharge standards to enforce the general prohibitions of subs. (1) and (2). All other POTWs shall, where the contributions of industrial users result in pass-through or interference and the resulting permit violation is likely to recur, develop and enforce specific prohibited discharge standards which, together with appropriate POTW facility or operation changes, are necessary to ensure continued compliance with the POTW's WPDES permit.

(b) This subsection is not intended to require pretreatment as a substitute for adequate municipal treatment.

(c) Specific prohibited discharge standards may not be developed and enforced by the POTW without giving prior notice to persons or groups who have requested notice and an opportunity to respond.

(d) Where specific prohibited discharge standards are developed by a POTW under this subsection, they shall be deemed pretreatment standards for the purposes of s. 147.07(2), Stats.

NR 211.11 CATEGORICAL PRETREATMENT STANDARDS. (1) Categorical pretreatment standards for specific point source categories and subcategories are set forth in chs. NR 221 through 297. Limits in categorical pretreatment standards shall apply to the effluent from the process regulated by the standard, unless otherwise specified in the standard. Industrial users shall comply with applicable categorical pretreatment standards, in addition to complying with the general prohibitions established in s. NR 211.10, unless specifically noted otherwise in the categorical pretreatment standard.

(2) Except where expressly authorized to do so by an applicable categorical pretreatment standard, no industrial user may increase the use of process water or in any other way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a categorical pretreatment standard. The control authority may impose mass limitations on industrial users where appropriate to account for dilution.

(3) All industrial users except new sources shall comply with applicable categorical pretreatment standards within the time period specified in the applicable standard. New sources shall comply with applicable categorical pretreatment standards upon the beginning of discharge. A direct discharger which becomes an industrial user after promulgation of an applicable categorical pretreatment standard may not be considered a new source unless it falls within the definition of a "new source" contained in s. NR 211.03(6).

NR 211.12 COMBINED WASTESTREAM FORMULA (Reserved).

NR 211.13 CONSISTENT REMOVAL CREDITS (Reserved).

NR 211.14 FUNDAMENTALLY DIFFERENT FACTORS VARIANCES. (1) Any interested person believing that factors relating to an industrial user are fundamentally different from the factors considered during development of a categorical pretreatment standard applicable to that industrial user, and that the existence of those factors justifies a different discharge limit from that specified in the applicable categorical pretreatment standard may request a fundamentally different factors variance under this section. Such a variance request may be initiated by EPA.

(2)(a) A request for a fundamentally different factors variance may be approved only if:

1. Factors relating to the industrial user which would be affected by the variance are fundamentally different from the factors considered in establishing the applicable categorical pretreatment standard;

2. There is an applicable categorical pretreatment standard which specifically controls the pollutant for which alternative limits have been proposed; and

3. The procedural requirements of this section have been met.

(b) A request for a fundamentally different factors variance to establish limits less stringent than required by the categorical pretreatment standard may be approved only if:

1. The alternative limit requested is no less stringent than justified by the fundamental difference; and
2. The alternative limit will not result in a violation of any prohibited discharge standard set forth in or established under s. NR 211.10;
3. The alternative limit will not result in an environmental impact not related to water quality which would be fundamentally more adverse than the impact considered during development of the categorical pretreatment standard; and
4. Compliance with the applicable categorical pretreatment standard would result in either a removal cost wholly out of proportion to the removal cost considered during development of the standard or an environmental impact not related to water quality which would be fundamentally more adverse than the impact considered during development of the standard.

(c) A request for a fundamentally different factors variance to establish limits more stringent than required by the categorical pretreatment standard may be approved only if:

1. The alternative limit requested is no more stringent than justified by the fundamental difference; AND
2. Compliance with the alternative limit would not result in either a removal cost wholly out of proportion to the removal cost considered during development of the standard or an environmental impact not related to water quality which would be fundamentally more adverse than the impact considered during the development of the standard.

(3) Factors considered fundamentally different are:

- (a) The nature or quality of pollutants contained in the industrial user's raw process wastewater;
- (b) The volume of the industrial user's process wastewater and the volume of effluent discharged;
- (c) The environmental impact, other than that related to water quality, of control and treatment of the industrial user's raw process wastewater;
- (d) The energy requirements of the application of control and treatment technology;
- (e) Age, size, and configuration of the industrial user's equipment, facilities, production processes and process changes, availability of land, and engineering aspects of the application of control technology; and
- (f) The cost of compliance with required control technology.

(4) Factors which may not be considered fundamentally different are:

- (a) The feasibility of installing the required pretreatment equipment within the time allowed by the categorical pretreatment standard;
- (b) The assertion that the standard cannot be achieved with the appropriate pretreatment equipment installed, if such assertion is not based on factors listed in sub. (3);
- (c) The industrial user's ability to pay for the required pretreatment equipment; or
- (d) The impact of a discharge on the quality of the POTW's receiving water.

(5) Requests for a variance shall be submitted in writing to the department within 180 days after the effective date of the federal categorical pretreatment standard. If the industrial user has requested a category determination under s. NR 211.33, the request for a fundamentally different factors variance may be delayed to within 30 days after the final decision on the category determination has been made. Variance requests shall include the following:

- (a) The name and address of the person making the request;
- (b) Identification of the interest of the person making the request;
- (c) Identification of the POTW receiving the indirect discharge from the industrial user for which the variance is requested;
- (d) Identification of the categorical pretreatment standards applicable to the industrial user;
- (e) A list of each pollutant for which an alternative discharge limit is sought;
- (f) The alternative discharge limits being proposed for each pollutant identified in par. (e);
- (g) A description of the industrial user's existing pretreatment equipment;

(h) A schematic flow chart of the Industrial user's water system including water supply, process wastewater systems, and points of discharge; and

(i) A statement of facts clearly establishing why the variance request should be approved, including detailed supporting data, documentation and evidence necessary to fully evaluate the merits of the request.

(6) The department will act only on written requests for variances which contain all of the information required in sub. (5). Persons who submit incomplete requests will be notified that the requests are deficient and will be given 30 days to correct the deficiency. If the deficiency is not corrected within 30 days, or within an extended period if allowed by the department, the request for the variance shall be denied.

(7) The department shall publish a notice of its receipt of a request for a fundamentally different factors variance and shall mail copies of the notice to the affected Industrial user and any other interested party. The public notice shall be published as a Class 1 notice under ch. 985, Stats., in a newspaper of general circulation in the area in which the Industrial user is located. The department shall allow a 30-day period for public review and comment.

(8) If the department finds that fundamentally different factors do not exist, the department shall deny the request. If the department finds that fundamentally different factors do exist, the request and findings shall be forwarded to EPA for EPA's approval, disapproval, or revision and approval of the variance. A copy of the final determination shall be sent to the person requesting the variance, and to the affected Industrial user and POTW.

NR 211.15 MONITORING AND REPORTING REQUIREMENTS. (1) Within 180 days after the effective date of a categorical pretreatment standard as published in the federal register, or 180 days after the final decision in a request for category determination under s. NR 211.33, whichever is later, Industrial users subject to that standard which are not new sources and which are currently discharging or scheduled to discharge into a POTW shall submit to the control authority a report containing the information listed in pars. (a) through (g). New sources shall submit a report to the control authority which at a minimum contains the information listed in pars. (a) through (e). The control authority may require the Industrial user to submit any additional information which the control authority finds is necessary to determine the Industrial user's ability to meet the applicable pretreatment standards.

(a) The name, address, and location of the Industrial user and the name of the owner or operator.

(b) A list of any environmental control permits held by or for the Industrial user.

(c) The nature and average rate of production and the standard Industrial classification of the processes carried out by the Industrial user. This description shall include a schematic diagram which indicates points of discharge to the POTW from the processes regulated by the applicable categorical pretreatment standard.

(d) The measured average and maximum flows from the Industrial user to the POTW, of the regulated processes, in gallons per day. When approved by the control authority based on considerations of cost or accessibility, the average and maximum flow of the discharge may be estimated by verifiable techniques.

(e) The nature and concentration of pollutants in the discharge from each of the Industrial user's regulated processes and an identification of applicable categorical pretreatment standards and pretreatment requirements. The nature and concentration of pollutants in each discharge shall be determined in accordance with subds. 1. through 6.

1. Sampling and analysis shall be performed to identify the concentration (or mass where required by the applicable categorical pretreatment standard or by the control authority) of regulated pollutants in the discharge from each regulated process. Both daily maximum and average values shall be reported. Samples shall be representative of daily operations and shall be flow proportional composites. Where composite sampling is not feasible, grab sampling may be used.

2. Where the flow of the stream being sampled is 950,000 liters per day (250,000 gallons per day) or less, the Industrial user shall take 3 samples within a 2 week period. Where the flow of the stream being sampled is greater than 950,000 liters per day, 6 samples shall be taken within a 2 week period.

3. Samples shall be taken at the discharge from the regulated process, or at the discharge from pretreatment facilities provided that no wastewaters that are not regulated by the applicable categorical pretreatment standard are mixed with the regulated waste stream prior to the sampling point. Where sampling according to this provision is not feasible, the department may consider allowing alternative means of sampling to be used to determine compliance with the applicable categorical pretreatment standard at the point of discharge from the regulated process. If streams which are not regulated by the applicable categorical pretreatment standard are mixed with the regulated stream prior to the sampling point, then sufficient measurement of flows and concentrations shall be made to document that the applicable categorical pretreatment standard is actually being met at the discharge from the regulated process. Prior approval must be obtained from the department before use of such an alternative means of sampling.

4. Sampling and analysis shall be performed according to methods prescribed by the department.

5. Representative historical data may be used with the approval of the control authority.

6. The report shall indicate the time, date, and place of sampling, method of analysis, and shall certify that sampling and analysis are representative of normal work cycles and expected pollutant discharges to the POTW.

(f) A statement indicating whether the applicable categorical pretreatment standards are being met on a consistent basis and, if not, whether additional operation and maintenance, or additional pretreatment, or both, is required in order for the industrial user to meet the applicable categorical pretreatment standards. The statement shall be reviewed by an authorized representative of the industrial user and certified by a qualified professional.

(g) If additional pretreatment or operation and maintenance is needed, the industrial user shall submit the shortest schedule by which the additional treatment or operation and maintenance can be provided. The completion date resulting from this schedule may not be later than the compliance date established for the applicable categorical pretreatment standard. The schedule shall specify dates for the commencement and completion of the major events necessary to provide the additional pretreatment or operation and maintenance. The length of time between any two dates may not exceed 9 months.

(h) Where the industrial user's discharge limit has been modified by a fundamentally different factors variance at the time the report is submitted, the information required in pars. (f) and (g) shall pertain to the modified limit. Revisions to the information submitted under pars. (f) and (g) may be required by the department where the industrial user's discharge limit is modified at a later date.

(2) Not later than 14 days following each date in the schedule required in sub. (1)(g), the industrial user shall submit to the control authority a progress report, including as a minimum a statement of whether the required event was completed by the specified date and if not, the reason for delay, the steps being taken to return to the schedule, and the date on which the required event will be completed.

(3) A report shall be submitted to the control authority within 90 days after the date for final compliance with applicable categorical pretreatment standards or, for new sources, the date on which wastewater is first discharged to the POTW. The report shall indicate the nature and concentration of pollutants in the industrial user's discharge that are regulated by the applicable categorical pretreatment standards, and the average and maximum daily flow for processes regulated by the applicable categorical pretreatment standards. The report shall state whether or not the applicable categorical pretreatment standards are being met on a consistent basis. The report shall also include a statement of what steps must be taken to achieve compliance with the categorical pretreatment standards if these standards are not being met. The statement shall be signed by an authorized representative of the industrial user and certified by a qualified professional.

(4) After the compliance date for a categorical pretreatment standard, industrial users shall submit semi-annual reports to the control authority. New sources shall submit the semi-annual reports to the control authority after commencement of discharge to the POTW. The report shall indicate the nature and concentration of pollutants in the effluent that are regulated by the categorical pretreatment standard and, where requested by the control authority, production data

and the mass of pollutants in the discharge which are limited by the categorical pretreatment standards. This report shall also include a record of measured or estimated average and maximum daily flows for the reporting period. Flows shall be reported in gallons per day. These reports shall be submitted during June and December unless otherwise specified by the control authority. Industrial users shall submit reports more frequently if required to do so by the control authority, or the department, or the applicable categorical pretreatment standards.

(5) In order to provide the data required to complete the reports specified in subs. (3) and (4), the industrial user shall sample and analyze regulated pollutants and pollutant properties at least one operating day during each reporting period. Sampling shall be performed during full facility production when substances subject to regulation, including those in batch or periodic discharges, are likely to be present in maximum concentrations or quantities for the reporting period. Analysis of the samples shall be performed in accordance with ch. NR 219.

(6) The industrial user shall notify the POTW immediately of any slug loading in violation of s. NR 211.10(2).

(7) All reports required by this section shall be signed by:

- (a) A principal executive officer of at least the level of vice president if the industrial user is a corporation;
- (b) A general partner if the industrial user is a partnership;
- (c) The proprietor if the industrial user is a sole proprietorship; or
- (d) A duly authorized representative of the individual designated in pars. (a) through (c) if such representative is responsible for the overall operation of the facility producing the indirect discharge.

(8)(a) Any industrial user subject to the reporting requirements established in this section shall maintain records of all information resulting from all monitoring activities. Such records shall include for all samples:

- 1. The date, exact place, method, and time of sampling and the names of the person or persons taking the samples;
- 2. The dates the analyses were performed;
- 3. The name of the person who performed the analyses;
- 4. The analytical techniques or methods used; and
- 5. The results of the analyses.

(b) Any industrial user subject to the reporting requirements established in this section shall retain for a minimum of 3 years all records of monitoring activities and results, whether or not such monitoring activities are required by this section, and shall make such records available for inspection and copying by EPA, the department, and the receiving POTW. This period for retaining records shall be extended during the pendency of any litigation to which the industrial user or the POTW into which the industrial user discharges is a party, or when requested by the department or EPA.

NR 211.16 (Reserved)
NR 211.17 (Reserved)
NR 211.18 (Reserved)
NR 211.19 (Reserved)

Subchapter 11 - POTW Requirements

NR 211.20 ESTABLISHMENT OF PRETREATMENT PROGRAMS. The department may require any POTW with a design flow greater than 5 MGD which receives indirect discharges which pass through or interfere with the POTW's operations or are subject to pretreatment standards to establish a POTW pretreatment program in accordance with the provisions of ss. NR 211.21 through 211.26. In addition, the department may require any POTW with a design flow of 5 MGD or less to establish such a program or part of such a program if the nature or volume of industrial user contributions, treatment process upsets, violations of POTW effluent limits, contamination of municipal sludge, or other circumstances warrant such a program in order to prevent interference with POTW treatment

operations or the pass-through of untreated pollutants or in order to improve opportunities for disposal of municipal sludge. The pretreatment program shall be developed in accordance with a compliance schedule established by the department in the POTW's WPDES permit which calls for the completion by specific dates of major events leading to the development and implementation of the pretreatment program.

NR 211.21 COMPLIANCE DATES. A POTW shall receive approval for a pretreatment program no later than 3 years after the reissuance or modification of its existing WPDES permit to require the development of a pretreatment program, but in no case later than July 1, 1983. In order to receive such approval the POTW must meet the requirements of ss. NR 211.22 through 211.26.

NR 211.22 LEGAL AUTHORITY REQUIREMENTS. Where the department requires a POTW to develop a pretreatment program under this subchapter, the POTW shall operate under legal authority, enforceable in federal or state courts, which at a minimum enables the POTW to perform the following functions:

(1) Deny or condition new or increased discharge of pollutants, or changes in the nature of pollutants, discharged to the POTW by industrial users where such discharges do not meet applicable pretreatment standards and requirements or where such discharge causes the POTW to violate its WPDES permit.

(2) Require compliance with applicable pretreatment standards and requirements by industrial users.

(3) Control through permit, contract, order, or similar means the discharge to the POTW by each industrial user.

(4) Require the development by industrial users of the compliance schedules required under s. NR 211.15(1)(g).

(5) Require the submission of all notices and self-monitoring reports from industrial users as are necessary to assess and assure compliance by industrial users with pretreatment standards and requirements.

(6) Carry out all inspection, surveillance, and monitoring procedures necessary to determine, independent of information supplied by industrial users, whether industrial users are complying with applicable pretreatment standards and requirements. Representatives of the POTW must be authorized to enter any premises of any industrial user in which an effluent source or treatment system is located or in which records are required to be kept, under s. NR 211.15(8), to assure compliance with pretreatment standards and requirements.

(7) Obtain remedies for noncompliance by any industrial user with any pretreatment standard or requirement. All POTW's must be able to seek injunctive relief for noncompliance by industrial users with pretreatment standards and requirements. In cases in which the POTW has the power to enact ordinances or rules, the POTW shall pass ordinances or rules giving it the authority to seek or assess civil or criminal penalties for noncompliance by industrial users with pretreatment standards and requirements. POTW's without such authority shall enter into contracts with industrial users to assure compliance by industrial users with pretreatment standards and requirements. All contracts shall provide for liquidated damages for violation of pretreatment standards and requirements and shall include an agreement by the industrial user to submit to the remedy of specific performance for breach of contract. Pretreatment requirements which will be enforced through the remedies set forth above shall include but not be limited to, the duty of the industrial user to allow the POTW to enter and to carry out inspections and monitoring activities; the duty of the industrial user to comply with all rules, regulations, and orders issued by the POTW; and the duty of the industrial user to comply with all reporting requirements imposed by the POTW or by this chapter.

(8) After informal notice to the industrial user, immediately and effectively halt or prevent any discharge of pollutants to the POTW which reasonably appear to present an imminent danger to the health or welfare of persons.

(9) After notice to the industrial user and an opportunity to respond, halt or prevent any discharge to the POTW which endangers the environment or which threatens to interfere with the operation of the POTW.

(10) Comply with the confidentiality requirements of s. NR 211.26.

NR 211.23 PROCEDURAL REQUIREMENTS. (1) Where the department requires a POTW to develop a pretreatment program under this subchapter the POTW shall have procedures to ensure compliance with the requirements of a pretreatment program. At a minimum, these procedures shall enable the POTW to:

(a) Identify and locate all possible industrial users who might be subject to the pretreatment program.

(b) Identify the character and volume of pollutants contributed to the POTW by industrial users.

(c) Notify industrial users of applicable pretreatment standards and requirements including those relating to user charges and solid or hazardous waste disposal.

(d) Receive and analyze self-monitoring reports and other notices submitted by industrial users.

(e) Randomly sample and analyze the effluent from industrial users and conduct surveillance and inspection activities in order to identify, independently of information supplied by industrial users, occasional and continuing noncompliance with pretreatment standards.

(f) Investigate instances of noncompliance by collecting and analyzing samples and other information with sufficient care to produce evidence admissible in enforcement proceedings or in judicial actions.

(g) Annually publish, in the largest daily newspaper published in the municipality in which the POTW is located, a list of the industrial users which, during the previous 12 months, significantly violated applicable pretreatment standards or requirements. The notification shall also summarize the enforcement actions taken by the POTW in the same 12-month period. For the purposes of this provision, a significant violation is a violation which remains uncorrected 45 days after notification of noncompliance, which is part of a pattern of noncompliance over a 12-month period, or which involves a failure to accurately report noncompliance or which resulted in the POTW exercising its emergency authority as required by s. NR 211.22(8) and (9).

(h) Information obtained under pars. (a) through (f) shall be made available to the department or EPA upon request.

(2) The POTW shall have sufficient resources and qualified personnel to carry out the authority and procedures described in this section and s. NR 211.22, unless conditional approval of the pretreatment program is requested under s. NR 211.24(2).

NR 211.24 REQUESTS FOR PRETREATMENT PROGRAM APPROVAL. (1) A POTW requesting approval of its pretreatment program shall submit to the department in triplicate a description of the pretreatment program containing the following:

(a) A statement from the POTW's attorney that the POTW has adequate legal authority to carry out the pretreatment program. This statement shall identify the POTW's source of those legal powers required under s. NR 211.22, and shall identify the manner in which the POTW will implement the requirements of s. NR 211.23.

(b) A copy of all statutes, ordinances, regulations, contracts, agreements, and other written legal authority relied upon by the POTW for its administration of the pretreatment program.

(c) A statement reflecting approval of the POTW's pretreatment program by the local governmental bodies responsible for supervising and funding the pretreatment program.

(d) A brief description, including organizational charts, of the POTW or other governmental bodies which will administer the pretreatment program, and their respective responsibilities.

(e) A description of the funding for the pretreatment program and full and part-time positions available to implement the program.

(2) The department may grant conditional approval of the pretreatment program pending the acquisition of funding and personnel for certain elements of the program provided that the conditions of pars. (a) through (c) are met. The POTW must submit a written request for conditional approval containing, in addition to the information required in sub. (1), facts to

support a conclusion that the conditions set forth in pars. (a) through (c) are met. The conditional approval of the POTW pretreatment program may be withdrawn if funding and personnel are not acquired by a date established by the department.

(a) The delayed funding and hiring of personnel is directly related to an aspect of the program which the POTW is not required to implement immediately.

(b) The POTW has adequate legal authority and procedures to carry out those aspects of the program which will not be implemented immediately.

(c) Funding and personnel for those aspects of the program to be implemented at a later date will be available when needed. The POTW shall describe the mechanism by which the funding will be acquired.

NR 211.25 REPORTING REQUIREMENTS. (1) The POTW shall submit interim program development documents to the department as required by the compliance schedule in its WPDES permit. If a required interim document has not been submitted on time, the POTW shall indicate the date by which it expects to complete the document, the reasons for delay, and the steps taken to return to the established schedule.

(2) Documents submitted in accordance with this section shall be signed by a principal executive officer, ranking elected official, or a duly authorized employee if the employee is responsible for the overall operation of the POTW.

(3) Any POTW operating a pretreatment program shall maintain records of information resulting from all monitoring activities. These records shall include for all samples:

(a) The date, exact place, method, and time of sampling and the names of the person or persons taking the samples;

(b) The dates the analyses were performed;

(c) The name of the person performing the analyses;

(d) The analytical techniques or methods used; and

(e) The results of the analyses.

(4) Records and results from all monitoring activities, whether required by this section or not, shall be retained for a minimum of 3 years. This time period shall be extended at the department's request or during the pendency of any litigation to which the POTW or any industrial user discharging to the POTW is a party. These records shall be made available for inspection or copying to the department and EPA upon request.

(5) All POTW's receiving reports from industrial users which are required under s. NR 211.15, shall retain those reports for a minimum of 3 years. This period shall be extended during the pendency of any litigation to which the POTW or any industrial user discharging to the POTW is a party or at the request of the department or EPA. These reports shall be made available for inspection or copying to the department and EPA.

NR 211.26 CONFIDENTIALITY. Effluent data submitted to the control authority under this chapter shall be a public record within the meaning of s. 19.21, Stats. All other information submitted to the control authority under this chapter shall be a public record unless the information is entitled to confidential treatment under s. 147.08(2), Stats., and s. NR 2.19 as a trade secret. POTWs operating a pretreatment program must enact ordinances or rules giving them the authority to treat as confidential information which is a trade secret.

NR 211.27 (Reserved)

NR 211.28 (Reserved)

NR 211.29 (Reserved)

Subchapter III - Department Activities

NR 211.30 PRETREATMENT PROGRAM APPROVAL. (1) Upon receipt of a request from a POTW for pretreatment program approval the department shall perform an initial review to determine the

completeness of the submittal. If the submittal is not complete, the department shall notify the POTW of the deficiencies and shall suspend review until the submittal is complete.

(2) Within 30 days after making the initial determination that the POTW submittal meets the requirements of ss. NR 211.22 through 211.26, the department shall publish a public notice of receipt of the request for approval. The notice shall provide an opportunity for the POTW or any interested person to submit written comments or to request a public hearing under s. 147.13, Stats., with respect to the submittal. The public notice shall provide a period of not less than 30 days following the date of public notice during which time written comments and requests for public hearing must be filed. All written comments received during this time shall be considered in determining whether or not to approve the POTW's request. The comment period may be extended at the department's discretion.

(3) The department shall hold a hearing if the requirements of s. 147.13, Stats., are met. Public notice of the hearing shall be provided under s. 147.13, Stats.

(4) The department shall have 90 days from the date of public notice of receipt of any request for approval submitted in compliance with the requirements of s. NR 211.24 to review the request for compliance with the requirements of ss. NR 211.22 through 211.26. The department may have up to 90 days more to complete its review if the comment period provided for in sub. (2) of this section is extended beyond 30 days or if a public hearing is held under s. 147.13, Stats. In no event shall the total time for evaluation exceed 180 days from the date of public notice of receipt of a request for approval.

(5) At the end of this evaluation and comment period the department shall either approve or disapprove the request for approval. The department shall publish a notice of determination to approve or disapprove the pretreatment program and shall mail copies of the notice to the POTW and to each person who submitted a written comment or participated in the public hearing or who requested a copy of the notice. If the pretreatment program is not approved, the notice of disapproval shall state the modifications and revisions necessary to bring the pretreatment program into compliance with applicable requirements.

NR 211.31 DEPARTMENT ACTIVITIES IN THE ABSENCE OF A PRETREATMENT PROGRAM. (1) In the absence of a pretreatment program, the department may:

(a) Identify and locate all possible industrial users which might be subject to pretreatment standards or requirements.

(b) Identify the character and volume of pollutants contributed to the POTW by the industrial users identified under par. (a).

(c) Notify industrial users identified under par. (a) of applicable pretreatment standards and of any applicable solid or hazardous waste disposal requirements under ch. 144, Stats.

(d) Receive and analyze self-monitoring reports and other notices submitted by industrial users in accordance with the self-monitoring requirements of s. NR 211.15.

(e) Randomly sample and analyze the effluent from industrial users and conduct surveillance and inspection activities in order to identify, independently of information supplied by industrial users, occasional and continuing noncompliance with pretreatment standards.

(f) Investigate instances of noncompliance with pretreatment standards and requirements indicated in the reports and notices required under s. NR 211.15.

(g) Annually publish in the largest daily newspaper published in the municipality in which the POTW is located, the names of industrial users which during the previous 12 months significantly violated applicable pretreatment standards or requirements. The notification shall summarize enforcement actions taken by the control authority during the same 12 months. For the purposes of this provision a significant violation is a violation which remains uncorrected 45 days after notification of noncompliance, which is part of a pattern of noncompliance over a 12-month period, or which involves a failure to accurately report noncompliance.

(2) At the discretion of the department, portions of the pretreatment program responsibility may be delegated to the POTW, with the department implementing those portions not delegated to the POTW.

NR 211.32 SUPPLEMENTAL COMPLIANCE MONITORING AND ENFORCEMENT ACTIVITIES. (1) In cases where a POTW has a pretreatment program the department may perform such activities as are necessary to ensure that pretreatment standards and requirements are being properly implemented and enforced by the POTW. These activities may include but are not limited to:

(a) Review of monitoring reports submitted by the industrial users and POTW as required by ss. NR 211.15 and 211.25; and

(b) Periodic inspection, surveillance, and monitoring of POTW and industrial user operations.

(2) In cases in which the POTW has failed to seek judicial relief for violations of its ordinances or rules by industrial users or where the department deems such action or penalty to be insufficient, the department may seek civil and criminal penalties and injunctive relief from the industrial user or POTW, as necessary, under this chapter and ch. 147, Stats.

NR 211.33 CERTIFICATION OF INDUSTRIAL USER CATEGORY. (1) Within 60 days after the effective date of a categorical pretreatment standard or within 60 days after notice in the federal register of the availability of the technical development document for a subcategory under which an industrial user believes itself to be included, whichever is later, the industrial user may request the department to provide written certification that the industrial user does or does not fall within that particular subcategory. New sources desiring certification must request this certification prior to commencing discharge.

(2) A POTW may file a request for certification under sub. (1) relating to an industrial user discharging into the POTW. Where a request for certification is submitted by a POTW, the POTW shall notify any affected industrial user of such submission. The industrial user may provide written comments on the POTW submission to the department within 30 days after the date of notification.

(3) Each request for certification shall be submitted to the department and shall contain a statement describing which subcategories might be applicable and citing facts and reasons why a particular subcategory is applicable and why others are not applicable. Each such statement shall contain an oath stating that the facts contained therein are true on the basis of the applicant's personal knowledge or to the best of his or her information and belief. The oath shall be attested to by a notary public.

(4) The department will act only on written requests for certification which contain all the information required. Persons who have made incomplete requests will be notified by the department that their requests are deficient and will be given at least 30 days to correct the deficiency. If the deficiency is not corrected within 30 days, or within an extended period allowed by the department, the request for certification shall be denied.

(5) Upon receipt of a request for certification the department shall, after determining that it contains all of the information required in sub. (3), consider the request, any additional information that the department may have requested, and any other available information relevant to the request. The department shall make a written determination of the applicable subcategory and state the reasons for its determination. This determination shall be forwarded to EPA which will make the final determination. EPA may approve, disapprove, or revise and approve the department's determination. A copy of the final determination shall be sent to the applicant by the department.

(6) The final determination shall apply only to the industry and to the facts that are presented at the time of the request for certification. Any changes in processes, raw materials, or other particulars may result in the invalidation of the certification.

NR 211.34 PRETREATMENT STANDARDS AND REQUIREMENTS BASED UPON FEDERALLY PROMULGATED REGULATIONS. (1) In the event that federal regulations establishing pretreatment standards or requirements are promulgated for any point source to which the provisions of this chapter apply, the department may implement and enforce these pretreatment standards and requirements based upon the federal regulations after publishing a notice of its intent to do so in the Wisconsin administrative register.

(2) The department shall, as soon as possible after the promulgation of any federal regulation establishing pretreatment standards or requirements as described in sub. (1), adopt appropriate pretreatment standards or requirements for point sources subject to this chapter in the Wisconsin administrative code.

Section 2. NR 221.04 is repealed and recreated to read:

NR 221.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 3. NR 221.13 and NR 221.14 are repealed and NR 221.13 is recreated to read:

NR 221.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 4. NR 225.04 is repealed and recreated to read:

NR 225.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 5. NR 225.13 and NR 225.14 are repealed and NR 225.13 is recreated to read:

NR 225.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 6. NR 228.04 is repealed and recreated to read:

NR 228.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 7. NR 228.13 and NR 228.14 are repealed and NR 228.13 is recreated to read:

NR 228.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 8. NR 230.04 is repealed and recreated to read:

NR 230.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 9. NR 230.13 is repealed and recreated to read:

NR 230.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 10. NR 230, Table 1, is repealed and recreated to read:

TABLE 1
EFFLUENT LIMITATIONS AND STANDARDS

<u>PRODUCT SUBCATEGORY</u>	<u>COLUMNS</u>		
	<u>I</u>	<u>II</u>	<u>III</u>
Aluminum chloride	N	N	N
Aluminum fluoride (reserved)			
Aluminum sulfate	Nx1	Nx2	Nx2
Ammonium chloride, from NH ₃ = Cl gas	N		
Ammonium chloride, recovery (1)	T2		
Ammonium hydroxide (reserved)			
Barium carbonate (reserved)			
Borax, by ore mining and by Trona process	NB		
Boric acid, from ore mined borax	T2		
Boric acid, from Trona process borax	NB		
Bromine, brine mining and Trona process	NB		
Calcium carbide, in uncovered furnaces	N	N	N
Calcium carbonate, milk of lime process	T2		
Calcium carbonate, recovery (1)	T2		
Calcium chloride, brine extraction process	T2	N	N
Calcium hydroxide, lime slaking process	N		
Calcium oxide and hydroxide	Nx1	Nx2	Nx2
Carbon dioxide (reserved)			
Carbon monoxide (2), by reforming process	T2		
Chlorine (3), diaphragm cell	T2		T4
Chlorine (3), Mercury cell	T2		T4
Chrome pigments (reserved)			
Chromic acid (4)	Nx		
Copper sulfate, from pure materials	T2		
Copper sulfate, from impure materials	T3		
Cuprous oxide (reserved)			
Ferric chloride, from pickle liquor	N		
Ferrous sulfate (reserved)			
Fluorine, by liquid HF electrolysis	N		
Hydrochloric acid (reserved)			
Hydrofluoric acid (reserved)			
Hydrogen, as refinery by-product	Nx		
Hydrogen cyanide, by-product (5) (reserved)			
Hydrogen cyanide, by Andrussow process (reserved)			

Hydrogen peroxide, electrolytic	T2		
Hydrogen peroxide, by oxidation (6)	T2		
Iodine	N		
Lead monoxide	N		
Lithium carbonate, Trona process	NB		
Lithium carbonate, from spodumene ore	T2		
Manganese sulfate (reserved)			
Nickel sulfate, from pure raw materials	N		
Nickel sulfate, from impure raw materials	T2		
Nitric acid, up to 68 percent (reserved)			
Nitric acid, strong (reserved)			
Oxygen and nitrogen, by air liquefaction	T2		
Potassium, metal	N	N	N
Potassium chloride, by Trona and mining	NB		
Potassium dichromate	N	N	N
Potassium iodide	T3		
Potassium permanganate (reserved)			
Potassium sulfate	Nx1	Nx2	Nx2
Silver nitrate	T2		
Sodium, metal, Downs cell (reserved)			
Sodium bicarbonate	N	N	N
Sodium bisulfite (reserved)			
Sodium carbonate (reserved)			
Sodium chloride, brine mining process	T2	N	N
Sodium chloride, solar evaporation	NB	NB	NB
Sodium dichromate and by-product sulfate	T2		T4
Sodium fluoride (7)	N		
Sodium hydrosulfide (reserved)			
Sodium hydrosulfite (reserved)			
Sodium silicate (reserved)			
Sodium silicofluoride (reserved)			
Sodium sulfite (8)	T2	Nx2	N
Sodium thiosulfate (reserved)			
Stannic oxide (9)	N		
Sulfur dioxide (reserved)			
Sulfuric acid (10) (reserved)			
Titanium dioxide, sulfate process (reserved)			
Titanium dioxide, chloride process (reserved)			
Zinc oxide (reserved)			
Zinc sulfate	N		

Footnotes:

- (1) from Solvay process wastes
- (2) and by-product hydrogen
- (3) and sodium or potassium hydroxide
- (4) in facilities manufacturing sodium dichromate
- (5) of acrylonitrile manufacture
- (6) of alkyl hydroanthraquinone
- (7) by the anhydrous neutralization process and the silicofluoride process
- (8) by reacting sulfur dioxide with sodium carbonate
- (9) by the reaction of tin with air or oxygen
- (10) in single or double absorption plants

Section 11. NR 231.04 is repealed and recreated to read:

NR 231.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 12. NR 231.13 and NR 231.14 are repealed and NR 231.13 is recreated to read:

NR 231.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 13. NR 235.04 is repealed and recreated to read:

NR 235.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 14. NR 235.13 and NR 235.14 are repealed and NR 235.13 is recreated to read:

NR 235.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 15. NR 236.04 is repealed and recreated to read: ..

NR 236.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 16. NR 236.13 and NR 236.14 are repealed and NR 236.13 is recreated to read:

NR 236.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 17. NR 239.04 is repealed and recreated to read:

NR 239.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 18. NR 239.13 and NR 239.14 are repealed and NR 239.13 is recreated to read:

NR 239.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 19. NR 240.04 is repealed and recreated to read:

NR 240.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 20. NR 240.13 and NR 240.14 are repealed and NR 240.13 is recreated to read:

NR 240.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 21. NR 245.04 is repealed and recreated to read:

NR 245.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 22. NR 245.13 and NR 245.14 are repealed and NR 245.13 is recreated to read:

NR 245.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 23. NR 247.04 is repealed and recreated to read:

NR 247.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 24. NR 247.13, Table 3 of ch. NR 247, and NR 247.14 are repealed and NR 247.13 is recreated to read:

NR 247.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 25. NR 250.04 is repealed and recreated to read:

NR 250.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 26. NR 250.13 and NR 250.14 are repealed and NR 250.13 is recreated to read:

NR 250.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 27. NR 252.04 is repealed and recreated to read:

NR 252.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 28. NR 252.13 is repealed and recreated to read:

NR 252.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 29. NR 254.04 is repealed and recreated to read:

NR 254.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 30. NR 254.13 is repealed and recreated to read:

NR 254.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 31. NR 256.04 is repealed and recreated to read:

NR 256.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 32. NR 256.13 is repealed and recreated to read:

NR 256.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 33. NR 258.04 is repealed and recreated to read:

NR 258.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 34. NR 258.13 and NR 258.14 are repealed and NR 258.13 is recreated to read:

NR 258.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 35. NR 260.04 is repealed and recreated to read:

NR 260.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 36. NR 260.13 is repealed and recreated to read:

NR 260.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 37. NR 268.04 is repealed and recreated to read:

NR 268.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 38. NR 268.13 and NR 268.14 are repealed and NR 268.13 is recreated to read:

NR 268.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 39. NR 269.04 is repealed and recreated to read:

NR 269.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 40. NR 269.13 and NR 269.14 are repealed and NR 269.13 is recreated to read:

NR 269.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 41. NR 274.04 is repealed and recreated to read:

NR 274.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 42. NR 274.13 is repealed and recreated to read:

NR 274.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 43. NR 275.04 is repealed and recreated to read:

NR 275.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 44. NR 275.13 and NR 275.14 are repealed and NR 275.13 is recreated to read:

NR 275.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 45. NR 276.04 is repealed and recreated to read:

NR 276.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 46. NR 276.13 is repealed and recreated to read:

NR 276.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 47. NR 277.04 is repealed and recreated to read:

NR 277.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 48. NR 277.13 and NR 277.14 are repealed and NR 277.13 is recreated to read:

NR 277.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 49. NR 279.04 is repealed and recreated to read:

NR 279.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 50. NR 279.13 is repealed and recreated to read:

NR 279.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 51. NR 280.04 is repealed and recreated to read:

NR 280.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 52. NR 280.13 is repealed and recreated to read:

NR 280.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 53. NR 281.04 is repealed and recreated to read:

NR 281.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 54. NR 281.13 and NR 281.14 are repealed and NR 281.13 is recreated to read:

NR 281.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 55. NR 284.04 is repealed and recreated to read:

NR 284.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 56. NR 284.11 is created to read:

NR 284.11 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 57. NR 285.04 is repealed and recreated to read:

NR 285.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 58. NR 285.13 and NR 285.14 are repealed and NR 285.13 is recreated to read:

NR 285.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 59. NR 286.04 is repealed and recreated to read:

NR 286.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 60. NR 286.13 is repealed and recreated to read:

NR 286.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 61. NR 290.04 is repealed and recreated to read:

NR 290.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 62. NR 290.13 is repealed and recreated to read:

NR 290.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 63. NR 294.04 is repealed and recreated to read:

NR 294.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;

(3) Pretreatment standards for discharges to publicly owned treatment works;

(4) Standards of performance for new sources.

Section 64. NR 294.13 and NR 294.14 are repealed and NR 294.13 is recreated to read:

NR 294.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 65. NR 295.04 is repealed and recreated to read:

NR 295.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 66. NR 295.13 and 295.14 are repealed and NR 295.13 is recreated to read:

NR 295.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 67. NR 296.04 is repealed and recreated to read:

NR 296.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 68. NR 296.13 is repealed and recreated to read:

NR 296.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

Section 69. NR 297.04 is repealed and recreated to read:

NR 297.04 COMPLIANCE WITH EFFLUENT LIMITATIONS AND STANDARDS. Discharge of pollutants from facilities subject to the provisions of this chapter may 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, 1983 effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable;
- (3) Pretreatment standards for discharges to publicly owned treatment works;
- (4) Standards of performance for new sources.

Section 70. NR 297.13 is repealed and recreated to read:
NR 297.13 PRETREATMENT STANDARDS. The pretreatment standards for discharges to publicly owned treatment works from sources subject to the provisions of this chapter shall be as set forth in ch. NR 211.

The foregoing rules were approved and adopted by the State of Wisconsin Natural Resources Board on February 23, 1983.

The rules contained herein shall take effect upon publication as provided in s. 227.026(1) (Intro.), Stats.

Dated at Madison, Wisconsin April 15, 1983.

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

By Carroll D. Besadny
Carroll D. Besadny, Secretary

(SEAL)