

87, July 6

State of Minnesota

2

# STATE REGISTER

Department of Administration—Documents Division



RECEIVED  
 JUL 07 1987  
 LEGISLATIVE REFERENCE LIBRARY  
 STATE CAPITOL  
 ST. PAUL, MN. 55155

Published every Monday

6 July 1987

Volume 12, Number 1

Pages 1-48

# State Register

## Judicial Notice Shall Be Taken of Material Published in the State Register

The *State Register* is the official publication of the State of Minnesota, containing executive orders of the governor, proposed and adopted rules of state agencies, official notices to the public, state and non-state public contracts, grants, supreme court and tax court decisions, and a monthly calendar of cases to be heard by the state supreme court.

### Printing Schedule and Submission Deadlines

Vol. 12 Issue Number	*Submission deadline for Executive Orders, Adopted Rules and **Proposed Rules	*Submission deadline for State Contract Notices and other **Official Notices	Issue Date
1	Monday 22 June	Monday 29 June	Monday 6 July
2	Monday 29 June	Monday 6 July	Monday 13 July
3	Monday 6 July	Monday 13 July	Monday 20 July
4	Monday 13 July	Monday 20 July	Monday 27 July

\*Deadline extensions may be possible at the editor's discretion; however, none will be made beyond the second Wednesday (12 calendar days) preceding the issue date for rules, proposed rules and executive orders, or beyond the Wednesday (5 calendar days) preceding the issue date for official notices. Requests for deadline extensions should be made only in valid emergency situations.

\*\*Notices of public hearings on proposed rules and notices of intent to adopt rules without a public hearing are published in the Proposed Rules section and must be submitted two weeks prior to the issue date.

Instructions for submission of documents may be obtained from the State Register editorial offices, 504 Rice Street, St. Paul, Minnesota 55103, (612) 296-4273.

The *State Register* is published by the State of Minnesota, Department of Administration, Documents Division, 117 University Avenue, St. Paul, Minnesota 55155, pursuant to Minn. Stat. § 14.46. Publication is weekly, on Mondays, with an index issue in September. In accordance with expressed legislative intent that the *State Register* be self-supporting, the subscription rate has been established at \$130.00 per year, postpaid to points in the United States. Second class postage paid at St. Paul, Minnesota. Publication Number 326630. (ISSN 0146-7751) No refunds will be made in the event of subscription cancellation. Single issues may be obtained at \$3.50 per copy.

Subscribers who do not receive a copy of an issue should notify the *State Register* Circulation Manager immediately at (612) 296-0931. Copies of back issues may not be available more than two weeks after publication.

**Rudy Perpich, Governor**

**Sandra J. Hale, Commissioner  
Department of Administration**

**Stephen A. Ordahl, Director  
Minnesota Documents Division**

**Robin PanLener, Editor**

**Paul Hoffman, Assistant Editor**

**Debbie Kobold, Circulation Manager**

## For Legislative News

Publications containing news and information from the Minnesota Senate and House of Representatives are available free to concerned citizens and the news media. To be placed on the mailing list, write or call the offices listed below:

### SENATE

**Briefly-Preview**—Senate news and committee calendar; published weekly during legislative sessions.

**Perspectives**—Publication about the Senate.

**Session Review**—Summarizes actions of the Minnesota Senate.

Contact: Senate Public Information Office  
Room 231 State Capitol, St. Paul, MN 55155  
(612) 296-0504

### HOUSE

**Session Weekly**—House committees, committee assignments of individual representatives; news on committee meetings and action. House action and bill introductions

**This Week**—weekly interim bulletin of the House.

**Session Summary**—Summarizes all bills that both the Minnesota House of Representatives and Minnesota Senate passed during their regular and special sessions.

Contact: House Information Office  
Room 175 State Office Building, St. Paul, MN 55155  
(612) 296-2146

# Contents

---

## Minnesota Rules:

### Amendments & Additions

Issues 1 inclusive ..... 4

## Proposed Rules

### Hazardous Substance Injury Compensation Board

Compensation for the value of household labor lost due to injury ..... 5

### Pollution Control Agency

Standards for protection of the quality and purity of the waters of the state ..... 11

## Official Notices

### Attorney General's Office

Mandatory registration of health, dating and buying clubs with the Attorney General's Office ..... 36

### Transportation Department

City of Hopkins petitions for variance from state aid standards for street width ..... 36

## State Contracts & Advertised Bids

### Administration Department

Contracts & requisitions open for bid ..... 37

### Office of Jobs Policy Coordination

Request for proposal for coordination and consulting services for the AFDC Self-Employment Investment Demonstration Project ..... 38

### Higher Education Coordinating Board

Request for proposals to produce videotape ..... 39

### Iron Range Resources & Rehabilitation Board

Request for proposals for assistance with Giants Ridge advertising program ..... 39

### Public Service Department

Request for proposal for consultants to review a study submitted by Northern States Power Company ..... 40

## Supreme Court Decisions

Decisions and Orders Filed Friday 26 June 1987 ..... 42

**Announcements** ..... 42

# Minnesota Rules

---

## Amendments and Additions

### NOTICE: How to Follow State Agency Rulemaking in the *State Register*

The *State Register* is the official source, and only complete listing, for all state agency rulemaking in its various stages. State agencies are required to publish notice of their rulemaking action in the *State Register*. Published every Monday, the *State Register* makes it easy to follow and participate in the important rulemaking process. Approximately 75 state agencies have the authority to issue rules. Each agency is assigned specific *Minnesota Rule* chapter numbers.

If an agency seeks outside opinion before issuing new rules or rule amendments, it must publish a NOTICE OF INTENT TO SOLICIT OUTSIDE OPINION in the *Official Notices* section of the *State Register*.

When rules are first drafted, state agencies publish them as **Proposed Rules**, along with a notice of hearing, or notice of intent to adopt rules without a hearing in the case of noncontroversial rules. This notice asks for comment on the rules as proposed. Proposed emergency rules and withdrawn proposed rules are also published in the *State Register*.

After proposed rules have gone through the comment period, and have been rewritten into their final form, they again appear in the *State Register* as **Adopted Rules**. These final adopted rules are not printed in their entirety in the *State Register*, only the changes made since their publication as **Proposed Rules**. To see the full rule, as adopted and in effect, a person simply needs two issues of the *State Register*, the issue the rule appeared in as proposed, and later as adopted.

For a more detailed description of the rulemaking process, see the *Minnesota Guidebook to State Agency Services*.

Every odd-numbered year the *Minnesota Rules* are published. This is a ten-volume bound collection of all adopted rules in effect at the time. Supplements are published to update this set of rules. Proposed and adopted emergency rules do not appear in this set because of their short-term nature, but are published in the *State Register*.

The *State Register* features partial and cumulative listings of rules in this section on the following schedule: issues 1-13 inclusive; issues 14-25 inclusive; issue 26, cumulative for issues 1-16; issues 27-38 inclusive; issue 39, cumulative for 1-39; issues 40-51 inclusive; and issue 52, cumulative for 1-52. An annual subject matter index for rules appears in August.

For copies of the *State Register*, a subscription, the annual index, the *Minnesota Rules* or the *Minnesota Guidebook to State Agency Services*, contact the Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155 (612) 297-3000 or toll-free in Minnesota 1-800-652-9747 and ask for "Documents."

### Hazardous Substance Injury Compensation Board

7190.0100-.0108 (proposed) ..... 5

### Pollution Control Agency

7050.0110; .0130; .0170; .0180; .0185; .0190; .0200;  
 .0210; .0212; .0215; .0220; .0400; .0420; .0430; .0440;  
 .0460; .0470 (proposed) ..... 11  
 7050.0210, s.6,6a,6b becomes 7050.0211; 7050.0210,  
 s.8 becomes 7050.0213; 7050.0210, s.16 becomes  
 7050.0214; 7050.0480 becomes 7050.0465  
 (proposed renumbering) ..... 11  
 7050.0210, s.11; 7065.0300; .0310; .0320; .0330; .0340;  
 .0350; .0400; .0410; .0420; .0430; .0440; .0450  
 (proposed repealer) ..... 11

## Proposed Rules

Pursuant to Minn. Stat. of 1982, §§ 14.22, an agency may propose to adopt, amend, suspend or repeal rules without first holding a public hearing, as long as the agency determines that the rules will be noncontroversial in nature. The agency must first publish a notice of intent to adopt rules without a public hearing, together with the proposed rules, in the *State Register*. The notice must advise the public:

1. that they have 30 days in which to submit comment on the proposed rules;
2. that no public hearing will be held unless 25 or more persons make a written request for a hearing within the 30-day comment period;
3. of the manner in which persons shall request a hearing on the proposed rules; and
4. that the rule may be modified if the modifications are supported by the data and views submitted.

If, during the 30-day comment period, 25 or more persons submit to the agency a written request for a hearing of the proposed rules, the agency must proceed under the provisions of §§ 14.14-14.20, which state that if an agency decides to hold a public hearing, it must publish a notice of intent in the *State Register*.

Pursuant to Minn. Stat. §§ 14.29 and 14.30, agencies may propose emergency rules under certain circumstances. Proposed emergency rules are published in the *State Register* and, for at least 25 days thereafter, interested persons may submit data and views in writing to the proposing agency.

## Hazardous Substance Injury Compensation Board

### Proposed Permanent Rules Relating to Compensation for the Value of Household Labor Lost Due to Injury

#### Notice of Proposed Adoption of a Rule without a Public Hearing

Notice is hereby given that the State Hazardous Substance Injury Compensation Board proposes to adopt the above-entitled rule without a public hearing following the procedures set forth in Minnesota Statutes, sections 14.22 to 14.28. The statutory authority to adopt the rule is *Minnesota Statutes*, section 115B.34, subdivision 1(e) (1986).

All persons have 30 days in which to submit comment in support of or in opposition to the proposed rule or any part or subpart of the rule. Comment is encouraged. Each comment should identify the portion of the proposed rule addressed, the reason for the comment, and any change proposed.

Any person may make a written request for a public hearing on the rule within the 30-day comment period. If 25 or more persons submit a written request for a public hearing within the 30-day comment period, a public hearing will be held unless a sufficient number withdraw their request. Any person requesting a public hearing should state his or her name and address, and is encouraged to identify the portion of the proposed rule addressed, the reason for the request, and any change proposed. If a public hearing is required, the agency will proceed pursuant to *Minnesota Statutes*, sections 14.131 to 14.20.

Comments or written requests for a public hearing must be submitted to:

Virginia L. Reiner  
Hazardous Substance Injury Compensation Board  
2700 University Avenue West, #115  
St. Paul, Minnesota 55114  
612/642-0455

The proposed rule may be modified if the modifications are supported by data and views and do not result in a substantial change in the proposed rule as noticed.

A copy of the proposed rule is attached to this notice.

A Statement of Need and Reasonableness that describes the need for and reasonableness of each provision of the proposed rule and identifies the data and information relied upon to support the proposed rule has been prepared and is available upon request by writing or telephoning the Board's office at the address or telephone number listed above.

Promulgation of the proposed rule will not result in the expenditure of public monies by local public bodies, have an impact on agricultural land or an impact on small businesses.

If no hearing is required, upon adoption of the rule, the rule and the required supporting documents will be submitted to the Attorney General for review as to legality and form to the extent the form relates to legality. Any person may request notification of

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

---

the date of submission to the Attorney General. Persons who wish to be advised of the submission of this material to the Attorney General, or who wish to receive a copy of the adopted rule, must submit the written request to the executive director at the address listed above.

Dated: 19 June 1987

Virginia L. Reiner, executive director  
Hazardous Substance Injury Compensation Board

### Rules as Proposed (all new material)

#### 7190.0100 DEFINITIONS.

Subpart 1. **Scope.** The terms used in parts 7190.0100 to 7190.0108 have the meanings given them in this part.

Subp. 2. **Board.** "Board" means the Hazardous Substance Injury Compensation Board created by Minnesota Statutes, section 115B.27, subdivision 1.

Subp. 3. **Children.** "Children" means household members under the age of 18.

Subp. 4. **Claimant.** "Claimant" means a person whom the board determines has an eligible claim for personal injury.

Subp. 5. **Disability.** "Disability" means an impairment in the ability to produce goods and services necessary for the household to function.

Subp. 6. **Household.** "Household" means a single housekeeping unit. A household may consist of a single person or several persons, usually but not necessarily, related by blood or marriage.

Subp. 7. **Household labor.** "Household labor" means the production of goods and services necessary for the household to function, including marketing, recordkeeping, food preparation, house cleaning, house maintenance, yard care, clothing care, and physical and other care of household members.

Subp. 8. **Houseworker.** "Houseworker" means a person who performs household labor in a household.

Subp. 9. **Minimum wage.** "Minimum wage" means the amount set in United States Code, title 29, section 206.

Subp. 10. **Primary houseworker.** "Primary houseworker" means the person who contributes the majority of time spent in a household on household labor.

Subp. 11. **Secondary houseworker.** "Secondary houseworker" means a person who contributes a significant amount of time but less than the majority of time spent in a household on household labor.

Subp. 12. **Teenage houseworker.** "Teenage houseworker" means a person from the ages of 12 to 17 who produces goods or services necessary for the household but is not primarily responsible for the household labor, and is a financially dependent household member.

#### 7190.0101 HOUSEHOLD LABOR LOSSES ELIGIBLE FOR COMPENSATION.

Subpart 1. **Scope.** The board shall compensate a claimant for the value of past, current, and future household labor lost due to the claimant's injury or disease.

Subp. 2. **Past years.** The board shall calculate the number of eligible years of losses in the past beginning with the date on which the claimant's injury was diagnosed by a physician.

Subp. 3. **Future years.** The board shall calculate the number of eligible years of losses in the future using the claimant's average remaining lifetime as determined by United States Life Tables, Volume 43A Minnesota Statutes Annotated, which is incorporated by reference. This publication is available for loan or inspection through the Minitex interlibrary loan system.

#### 7190.0102 FACTORS AFFECTING THE AMOUNT OF HOURS SPENT ON HOUSEHOLD LABOR.

In calculating the hours spent on household labor, the board shall consider whether the claimant:

- A. is in a living arrangement with other persons;
- B. is a primary, secondary, or teenage houseworker;
- C. resides in a household where the primary houseworker is employed outside the household 15 or more hours per week; or
- D. provides services and care for children, and, if so, the number and ages of the children.

**7190.0103 CALCULATION OF THE AMOUNT OF HOURS SPENT ON HOUSEHOLD LABOR.**

Subpart 1. **Base hours.** The board shall determine the number of household labor hours contributed by the claimant by using part 7190.0108, schedule A or B.

Subp. 2. **Schedule A.** Schedule A applies to a claimant who lives in a household where the primary houseworker is not employed outside the household or employed less than 15 hours per week outside the household.

Subp. 3. **Schedule B.** Schedule B applies to a claimant who lives in a household where the primary houseworker is employed 15 or more hours per week outside the household.

Subp. 4. **Applicable living arrangement.** The board shall determine the hours eligible for compensation from the appropriate schedule as follows:

A. if the claimant is part of a married couple, or demonstrates the claimant is part of a married couple equivalent, the number of hours in the schedule for the claimant's houseworker role (primary or secondary houseworker, with or without children) is the number of hours eligible for compensation;

B. if the claimant is a single parent, the only adult in a household with children, the total of the hours for a primary and secondary houseworker is the number of hours eligible for compensation;

C. if the claimant lives alone, the number of hours for a primary houseworker is the number of hours eligible for compensation;

D. if the claimant lives with one or more other adults, the number of hours for a secondary houseworker in part 7190.0108, subpart 2, is the number of hours eligible for compensation; and

E. if the claimant is a teenage houseworker, the number of hours for a teenage houseworker is the number of hours eligible for compensation. When a teenage houseworker becomes 18 years old, the number of hours for a secondary houseworker is the number of hours eligible for compensation.

The board shall consider that children under the age of 12 produce no hours eligible for compensation.

Subp. 5. **Exception to schedule.** The board may determine the number of hours eligible for compensation without using a schedule when:

A. the claimant's living arrangement is not covered by the schedule;

B. the claimant provides evidence that the division of household labor in the claimant's household significantly deviates from the schedule's division; or

C. the claimant demonstrates that special circumstances in the claimant's household such as a disabled spouse, child, or parent significantly increase the total amount of hours spent on household labor.

Subp. 6. **Determination of yearly hours spent.** The board shall calculate the number of hours spent on household labor in any year by multiplying the schedule base value by 12. For partial years, the board shall calculate the actual number of months where household labor was lost and multiply the schedule base value by that number.

**7190.0104 CALCULATION OF HOURLY WAGE FOR HOUSEHOLD LABOR.**

Subpart 1. **Salary determination.** For each year in which the board calculates an adult claimant has hours eligible for compensation, the board shall determine the hourly wage for household labor using the state median monthly salary for janitors as determined in the annual salary survey conducted by the Department of Jobs and Training. For each future year, the board shall calculate the hourly wage using the current year's salary survey data.

Subp. 2. **Formula.** For each year in which a claimant has hours eligible for compensation, the board shall calculate the hourly wage using the following formula:

$$W = \frac{S}{173.33}$$

Where

W = hourly wage for that year

S = state median monthly salary for janitors  
for that year

173.33 = the number of hours in a work month

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

---

---

Subp. 3. **Teenage houseworker.** For each past year in which a teenage houseworker has eligible hours, the board shall use the minimum wage in that year as the hourly wage for household labor; for the current year and future years until the year the teenage houseworker becomes 18 years old the board shall use the current minimum wage.

### 7190.0105 DISABILITY.

For each past year in which the board calculates a claimant has hours eligible for compensation, the board shall determine to what extent the claimant's injury or disease impaired the claimant's ability to perform household labor. For the current year and future years in which a claimant has hours eligible for compensation, the board shall determine to what extent the claimant's injury or disease presently impairs the claimant's ability to perform household labor.

In making the determination of disability, the board shall consider the quality and quantity of household labor services the claimant:

- A. can or could no longer perform;
- B. performs or performed with assistance;
- C. continues or continued to perform.

The board shall set a claimant's disability for any year at 100 percent, 75 percent, 50 percent, 25 percent, or zero.

### 7190.0106 CALCULATION OF LOSS IN HOUSEHOLD LABOR.

For each year in which the claimant has a loss in household labor, the board shall determine the claimant's loss using the following formula:

$$V = H \times W \times D$$

Where

- V = value of the household labor lost in that year
- H = number of hours eligible for compensation in that year
- W = hourly wage for household labor for that year
- D = percent disabled in that year

### 7190.0107 PAYMENT OF COMPENSATION.

Subpart 1. **Payment limit.** The total compensation the board shall pay to a claimant for household labor lost shall not exceed the limits in Minnesota Statutes, sections 115B.34, subdivision 1, and 115B.36.

Subp. 2. **Payment in lump sum.** The board will calculate the total lump sum amount of compensation to be paid to a claimant using the following formula:

$$A = P + C + F$$

Where

- A = award amount in current dollars
- P = the sum of all past years' losses
- C = the loss for the current year
- F = the sum of all future years' losses, with each year discounted to current value according to Minnesota Statutes, section 604.07, subdivision 4, clauses (1) and (2)

Subp. 3. **Payment in installments.** When the board chooses to pay the award in installments, it shall adjust future payments by the cost of living rate for the current year as described in Minnesota Statutes, section 604.07, subdivision 4, clause (2).

# Proposed Rules

## 7190.0108 PRIMARY EMPLOYMENT SCHEDULES.

Subpart 1. Schedule A: Primary Houseworker Not Employed Outside Household or Employed Less Than 15 Hours Per Week.

Base Hours Spent in Household Labor Per Month

# Children in Family	Age in Years	15	30	45	60	90	120	150	180	210	240	270	300	330	360
0	<u>Primary Houseworker</u>														
	under 25		S					P							
	25-39		S						P						
	40-54			S					P						
	55 & over				S			P							
1	<u>Youngest Child</u>														
	12-17		T		S					P					
	6-11			S						P					
	2-5				S					P					
	1 under 1					S					P				
2	12-17		T	S						P					
	6-11		T	S						P					
	2-5		T		S						P				
	1					S						P			
	under 1					S							P		
3	12-17		ST							P					
	6-11		T	S						P					
	2-5		T		S						P				
	1					S						P			
	under 1					S							P		
4	12-17		ST						P						
	6-11		T	S							P				
	2-5		T		S							P			
	1		T			S							P		
	under 1					ST								P	
5-6	6-11			T	S							P			
	2-5		T		S							P			
	1		T			S					P				
	under 1		T			S							P		
7-9	2-5		T		S							P			
	1 under 1		T			S			---n/a---						P

P denotes primary houseworker  
 S denotes secondary houseworker  
 T denotes teenage houseworker

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. **Strike outs** indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. **Strike outs** indicate deletions from proposed rule language.

# Proposed Rules

## Subp. 2. Schedule B: Primary Houseworker Employed 15 or More Hours Per Week Outside Household.

Base Hours Spent in Household Labor Per Month

		15	30	45	60	90	120	150	180	210	240	270	300	330	360
0	Primary Houseworker														
	under 25			S			P								
	25-39			S			P								
	40-54		S				P								
	55 & over		S				P								
1	Youngest Child														
	12-17		T		S			P							
	6-11		S						P						
	2-5					S		P							
	1					S			P						
under 1					S			P							
2	12-17		T	S				P							
	6-11		T	S				P							
	2-5		T			S			P						
	1					S			P						
	under 1					S					P				
3	12-17		T	S			P								
	6-11			ST					P						
	2-5			T		S					P				
	1					S					P				
	under 1					S				P					
4	12-17		S	T					P						
	6-11		TS					P							
	2-5														
	1														
	under 1														
5-6	6-11														
	2-5														
	1														
	under 1														
7-9	2-5														
	1														
	under 1														

P denotes primary houseworker  
 S denotes secondary houseworker  
 T denotes teenage houseworker

**Pollution Control Agency**

**Proposed Permanent Rules Relating to Standards for Protection of the Quality and Purity of the Waters of the State**

**NOTICE OF HEARING**

NOTICE IS HEREBY GIVEN that a public hearing will be held by the Minnesota Pollution Control Agency on the proposed amendment of *Minnesota Rules* chapter 7050 and the proposed repeal of *Minnesota Rules* parts 7065.0300-7065.0450. The hearing will be held on the following dates in the following locations:

<u>DATE</u>	<u>TIME</u>	<u>LOCATION</u>
Monday, August 10, 1987	9:30 a.m.	MPCA Board Room 520 Lafayette Road St. Paul, MN 55155
Thursday, August 13, 1987	7:00 p.m.	Conciliation Court Room St. Louis County Courthouse Duluth, MN
Monday, August 17, 1987	7:00 p.m.	Building 1L, Room 219 Southwest State University Marshall, MN
Tuesday, August 18, 1987	7:00 p.m.	City Administration Building 1025 Roosevelt Avenue Detroit Lakes, MN
Wednesday, August 19, 1987	7:00 p.m.	Room W, County Service Building Laurel Street Brainerd, MN
Monday, August 24, 1987	7:00 p.m.	Friedel Building 1200 South Broadway Rochester, MN

The hearing will continue, if necessary, at additional times and places determined during the hearing by the Administrative Law Judge.

The hearing will be conducted by Administrative Law Judge Allan W. Klein, Office of Administrative Hearings, 400 Summit Bank Building, 310 South Fourth Street, Minneapolis, MN 55415, telephone: (612) 341-7609. The rule hearing procedure is governed by *Minnesota Statutes* §§ 14.14 to 14.20 (1986) and by the rules of the Office of Administrative Hearings, *Minnesota Rules*, parts 1400.0200 to 1400.1200 (1985). Persons having questions concerning the rule hearing procedure should contact the Administrative Law Judge at the address and telephone number stated above.

*Minnesota Rules*, chapter 7050 classifies all surface waters of the state and establishes water quality standards for these waters. Chapter 7050 also defines the minimum level of treatment for point source dischargers like municipal wastewater treatment facilities and industrial plants and for other dischargers like animal feedlots.

The major amendments proposed at this time include:

1. A clarification of which parts of chapter 7050 apply to nonpoint sources of pollution, although no new requirements for nonpoint sources are being proposed.
2. The identification of additional scientific and natural areas and lake trout lakes as outstanding resource value waters and the

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

---

inclusion of certain calcareous fens in the outstanding resource value water designation, which will result in these areas and waters being afforded protection from new and expanded discharges.

3. The creation of a new nondegradation concept based on federal law to protect waters meeting water quality standards from significant degradation from new or expanded discharges.
4. A relaxation of the secondary treatment requirements for certain trickling filter plants and stabilization ponds.
5. A revision of the minimum treatment requirements for certain industrial dischargers, including the adoption of federal new source performance standards.
6. A clarification of the minimum treatment requirements for feedlots to clarify that large feedlots have to meet federal standards and small ones have less stringent requirements.
7. The repeal of specific rules for the Vermillion River in Goodhue, Dakota, and Scott Counties and the South Fork of the Zumbro River in Olmsted County. Dischargers to these rivers will now be subject to the requirements of chapter 7050.
8. A few other minor changes.

A free copy of the proposed amendments is available by contacting Jerry Winslow, Division of Water Quality, Program Development Section, Minnesota Pollution Control Agency, 520 Lafayette Road, Saint Paul, Minnesota 55155, telephone (612) 296-7240.

The Agency's authority to adopt these amendments is found in *Minnesota Statutes*, §§ 115.03 and 115.44 (1986).

The Agency has prepared a Statement of Need and Reasonableness that includes a summary of all the evidence and argument that the Agency anticipates presenting at the hearing justifying both the need for and reasonableness of the proposed amendments. Please take notice that the Statement of Need and Reasonableness is available for review at the Office of Administrative Hearings and at the MPCA offices in St. Paul, Marshall, Detroit Lakes, Brainerd, Duluth and Rochester. A copy of the Statement of Need and Reasonableness may be purchased by contacting the Office of Administrative Hearings or Jerry Winslow at the MPCA offices in St. Paul.

At the hearing the Agency will introduce its Statement of Need and Reasonableness and its Exhibits. The Statement of Need and Reasonableness and the Exhibits will constitute the Agency's affirmative presentation in support of the proposed amendments. All interested or affected persons will then have an opportunity to participate by asking questions about the Statement of Need and Reasonableness and by presenting oral and written comments and statements about the proposed amendments. Statements may be submitted without appearing at the hearing. Comments are most helpful if the comments identify the particular provision of the proposed amendments that is supported or objected to and if the comments suggest specific alternative language to that proposed. Comments should provide the reasons and data that support the proposed alternative language.

Written comments may be submitted to the Administrative Law Judge at any time up to five working days after the hearing ends, or for a longer period not to exceed twenty days after the hearing ends if ordered by the Administrative Law Judge. Copies of the comments should also be submitted to the Agency. Comments received during the comment period will be available for review at the Office of Administrative Hearings. The Agency and interested persons may respond in writing to any new information submitted within three business days after the comment period ends. No additional evidence may be submitted during this three-day period.

Please be advised that the proposed amendments are subject to change as a result of the rule hearing process. The Agency urges those who are interested to any extent in the proposed amendments, including those who support the amendments as proposed and do not want to see changes made, to participate in the hearing and make their views known.

Notice: Any person may request notification of the date on which the Administrative Law Judge's report will be available, after which date the Agency may not take any final action on the rules for a period of five working days. If you desire to be so notified, you may so indicate at the hearing. After the hearing, you may request notification by sending a written request to the Administrative Law Judge. Any person may request notification of the date on which the rules were adopted and filed with the Secretary of State. The notice must be mailed on the same day that the rules are filed. If you want to be so notified you may so indicate at the hearing or send a request in writing to the Agency at any time prior to the filing of the rules with the Secretary of State.

The Agency has examined the potential impact of the proposed amendments on local public bodies, small businesses, and agricultural land. These impacts are discussed in Part IV of the Statement of Need and Reasonableness. The Agency has determined that some public bodies will likely incur a cost savings as a result of these amendments, that small businesses will not be adversely affected and some may incur a cost savings, and that agricultural land will not be adversely affected and indeed will be protected. The impact of the listing of new outstanding resource value waters and of the adoption of a new nondegradation provision is not able to be quantified because these amendments apply to new or expanded discharges that are not known today.

Please be advised that *Minnesota Statutes*, ch. 10A requires each lobbyist to register with the State Ethical Practices Board within five days after he or she commences lobbying. A lobbyist is defined in *Minnesota Statutes*, § 10A.01, subd. 11 (1986) as any individual:

(a) Engaged for pay or other consideration, or authorized by another individual or association to spend money, who spends more than five hours in any month or more than \$250, not including his own travel expenses and membership dues, in any year, for the purpose of attempting to influence legislative or administrative action by communicating or urging others to communicate with public officials; or

(b) Who spends more than \$250, not including his own traveling expenses and membership dues, in any year for the purpose of attempting to influence legislative or administrative action by communicating or urging others to communicate with public officials.

The statute provides certain exceptions. Questions should be directed to the Ethical Practices Board, 41 State Office Building, Saint Paul, Minnesota 55155, telephone (612) 296-5615.

THOMAS J. KALITOWSKI, executive director

## **Rules as Proposed**

### **7050.0110 SCOPE.**

Parts 7050.0130 to 7050.0220 apply to all waters of the state, both surface and underground, and include general provisions applicable to the maintenance of water quality and aquatic habitats; definitions of water use classes; standards for dischargers of sewage, industrial, and other wastes; and standards of quality and purity for specific water use classes. This chapter shall apply to both point source and nonpoint source discharges. Other water quality rules of general or specific application that include any more stringent water quality or effluent standards or prohibitions are preserved.

### **7050.0130 DEFINITIONS.**

The terms "waters of the state," "sewage," "industrial wastes," and "other wastes," as well as any other terms for which definitions are given in the water pollution control statutes, as used herein have the meanings ascribed to them in Minnesota Statutes, sections 115.01 and 115.41, with the exception that disposal systems or treatment works operated under permit or certificate of compliance of the agency shall not be construed to be "waters of the state."

"Nonpoint source" means a land management or land use activity that contributes or may contribute to ground and surface water pollution as a result of runoff, seepage, or percolation and that is not defined as a point source under Minnesota Statutes, section 115.01, subdivision 15.

Other terms and abbreviations used herein which are not specifically defined in applicable federal or state law shall be construed in conformance with the context, and in relation to the applicable section of the statutes pertaining to the matter at hand, and current professional usage.

### **7050.0170 NATURAL WATER QUALITY.**

The waters of the state may, in a state of nature, have some characteristics or properties approaching or exceeding the limits specified in the water quality standards. The standards shall be construed as limiting the addition of pollutants of human activity from either point or nonpoint source discharges to those of natural origin, where such be present, so that in total the specified limiting concentrations will not be exceeded in the waters by reason of such controllable additions. Where the background level of the natural origin is reasonably definable and normally is higher of lower quality than the specified standard the natural level may be used as the standard for controlling the addition of pollutants of human activity which are comparable in nature and significance with those of natural origin. The natural background level may be used instead of the specified water quality standard as a maximum limit of the addition of pollutants, in those instances where the natural level is lower consistently of better quality than the specified standard and reasonable justification exists for preserving the quality to that found in a state of nature.

In the adoption of standards for individual waters of the state, the agency will be guided by the standards ~~set forth~~ herein but may make reasonable modifications of the same on the basis of evidence brought forth at a public hearing if it is shown to be desirable and in the public interest to do so in order to encourage the best use of the waters of the state or the lands bordering such waters.

### **7050.0180 ~~NONDEGRADATION POLICY~~ FOR OUTSTANDING RESOURCE VALUE WATERS.**

Subpart 1. **Policy.** The agency recognizes that the maintenance of existing high quality in some waters of outstanding resource value to the state is essential to their function as exceptional recreational, cultural, aesthetic, or scientific resources. To preserve the

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

---

value of these special waters, the agency will prohibit or stringently control new or expanded discharges from either point or nonpoint sources to outstanding resource value waters.

Subp. 2. and 3. [Unchanged.]

Subp. 4. **DNR designated scientific and natural areas.** Department of Natural Resources designated scientific and natural areas include but are not limited to:

- A. Boot Lake, Anoka County;
- B. Kettle River in sections 15, 22, 23, T 41 N, R 20, Pine County;
- C. Pennington Bog, Beltrami County;
- D. Purvis Lake-Ober Foundation, Saint Louis County;
- E. Waters within the borders of Itasca Wilderness Sanctuary, Clearwater County;
- F. Iron ~~Spring~~ Spring Springs Bog, Clearwater County;
- G. Wolsfeld Woods, Hennepin County;
- H. Green Water Lake, Becker County;
- I. Blackdog Preserve, Dakota County;
- J. Prairie Bush Clover, Jackson County;
- K. Black Lake Bog, Pine County; and
- L. Pembina Trail Preserve, Polk County.

Subp. 5. [Unchanged.]

Subp. 6. **Restricted discharges.** No person may cause or allow a new or expanded discharge of any sewage, industrial waste, or other waste to any of the following waters unless there is not a prudent and feasible alternative to the discharge:

A. Lake Superior;

B. those portions of the Mississippi River from Lake Itasca to the southerly boundary of Morrison County that are included in the Mississippi Headwaters Board comprehensive plan dated February 12, 1981, and;

C. lake trout lakes outside the boundaries of the Boundary Waters Canoe Area Wilderness and Voyageur's National Park and identified in parts 7050.0460 to 7050.0470;

D. federal or state designated scenic or recreational river segments unless there is no prudent and feasible alternative to the discharge; and

E. calcareous fens identified in part 7050.0180, subpart 6b.

If a new or expanded discharge to these waters is permitted, the agency shall restrict the discharge to the extent necessary to preserve the existing high quality, or to preserve the wilderness, scientific, recreational, or other special characteristics that make the water an outstanding resource value water.

**Subp. 6a. Federal or state designated scenic or recreational river segments.** Waters with a federal or state scenic or recreational designation include but are not limited to:

- A. Saint Croix River, entire length;
- B. Cannon River from northern city limits of Faribault to its confluence with the Mississippi River;
- C. North Fork of the Crow River from Lake Koronis outlet to the Meeker-Wright county line;
- D. Kettle River from north Pine County line to dam at Sandstone;
- E. Minnesota River from Lac qui Parle dam to Redwood County state aid highway 11;
- F. Mississippi River from county state aid highway 7 bridge in Saint Cloud to northwestern city limits of Anoka; and
- G. Rum River from state highway 27 bridge in Onamia to Madison and Rice Streets in Anoka.

**Subp. 6b. Calcareous fens.** The following calcareous fens are hereby designated outstanding resource value waters:

A. Spring Creek fen, Becker County;

B. B-B Ranch fen, Clay County;

C. Barnseville WMA fen, Clay County;

- D. Felton fen, Clay County;
- E. Spring Prairie fen, Clay County;
- F. Clearbrook fen, Clearwater County;
- G. Fort Snelling State Park fen, Dakota County;
- H. Minnesota Valley fen, Dakota County;
- I. Nicols Meadow, Dakota County;
- J. Perched Valley WMA fen, Goodhue County;
- K. Heron Lake fen, Jackson County;
- L. Thompson fen, Jackson County;
- M. Fish Hatchery fen, LeSueur County;
- N. St. Peter fen, Le Sueur County;
- O. Waubun fen, Mahnommen County;
- P. Truman fen, Martin County;
- Q. Fort Ridgely fen, Nicollet County;
- R. Le Sueur fen, Nicollet County;
- S. Primula Meadow (Faith fen), Norman County;
- T. Rock Dell fen, Olmsted County;
- U. Chicog WMA fen, Polk County;
- V. Kertsonville WMA fen, Polk County;
- W. Pankratz fen (Svedarsky's fen), Polk County;
- X. Ordway fen, Pope County;
- Y. Cannon River fen, Rice County;
- Z. Savage fen, Scott County;
- AA. Kennedy fen, Winona County; and
- BB. Sioux Nation fen, Yellow Medicine County.

Subp. 7. **Unlisted outstanding resource value waters.** The agency shall prohibit or stringently control new or expanded discharges to outstanding resource value waters not specified in subparts 3 to 6 6b to the extent that this stringent protection is necessary to preserve the existing high quality, or to preserve the wilderness, scientific, recreational, or other special characteristics that make the water an outstanding resource value water.

Subp. 8. **Public hearing.** The agency shall provide an opportunity for a hearing before identifying and establishing additional outstanding resource value waters, before determining the existence or lack of prudent and feasible alternatives under subpart 6, and before prohibiting or restricting new or expanded discharges to outstanding resource value waters under subparts 3, 6, 6a, 6b, and 7.

Subp. 9. and 10. [Unchanged.]

#### **7050.0185 NONDEGRADATION FOR ALL WATERS.**

Subpart 1. Policy. The potential capacity of the water to assimilate additional wastes is a valuable public resource. It is the policy of the state of Minnesota to protect all waters from significant degradation from point and nonpoint sources and to maintain existing water uses, aquatic habitats, and the level of water quality necessary to protect these uses.

Subp. 2. Definitions. For the purpose of this part, the following terms have the meanings given them:

A. "New discharge" means a discharge that was not in existence before January 1, 1988.

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. **Strike outs** indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. **Strike outs** indicate deletions from proposed rule language.

## Proposed Rules

B. "Expanded discharge" means a discharge that changes in volume, quality, location, or any other manner after January 1, 1988, such that an increased loading of one or more pollutants results. In determining whether an increased loading of one or more pollutants would result from the proposed change in discharge, the agency shall compare the loading that would result from the proposed discharge with the loading allowed by the agency on January 1, 1988.

C. "Baseline quality" means the quality consistently attained by January 1, 1988.

D. "Existing" means in existence before January 1, 1988.

E. "Economic or social development" means the jobs, taxes, recreational opportunities, and other impacts on the public at large that will result from a new or expanded discharge.

F. "Toxic pollutant" has the meaning given in part 7001.1020, subpart 30.

G. "Significant discharge" means:

(1) a discharge of sewage, industrial, or other wastes greater than 200,000 gallons per day to any water other than a class 7, limited resource value water; or

(2) a discharge of any toxic pollutant at a mass loading rate likely to increase the concentration of the toxicant in the receiving water by greater than one percent over the baseline quality. This determination shall be made using:

(a) data collected from the receiving water or from a water representative of the receiving water;

(b) the once in ten-year, seven-day low flow of the receiving water as defined in part 7050.0210, subpart 7; and

(c) a mass balance equation that treats all toxic pollutants as conservative substances.

**Subp. 3. Minimum treatment.** Any person authorized to maintain a new or expanded discharge of sewage, industrial waste, or other waste, whether or not the discharge is significant, shall comply with applicable effluent limitations and water quality standards of this chapter and shall maintain all existing, beneficial uses in the receiving waters.

**Subp. 4. Additional requirements for significant discharges.** If a person proposes a new or expanded significant discharge, the agency shall determine what reasonable control measures beyond those required by subpart 3 can be taken to minimize the impact of the discharge on the receiving water. In making the decision, the agency shall consider the importance of economic and social development and impacts of the project, the impact of the discharge on the quality of the receiving water, the characteristics of the receiving water, the cumulative impacts of all new or expanded discharges on the receiving water, the costs of additional treatment beyond what is required of nonsignificant dischargers, and other matters as shall be brought to the agency's attention.

**Subp. 5. Determination of significance.** A person proposing a new or expanded discharge of sewage, industrial waste, or other wastes shall submit to the director the information required to determine whether the discharge is significant under subpart 2. If the discharge is sewage or industrial waste, the flow rate used to determine significance under this part is the design average wet weather flow for the wettest 30-day period. For discharges of other wastes, the flow rate to be used is the design maximum daily flow rate. In determining the significance of a discharge to a lake or other nonflowing receiving water, a mixing zone may be established under the guidelines of part 7050.0210, subpart 5.

**Subp. 6. Baseline quality.** If an existing discharge to a water of the state is eliminated or significantly reduced, baseline quality for purposes of this part shall be adjusted to account for the water quality impact associated with that particular discharge.

If no data is available to determine baseline quality or the data collected after January 1, 1988, are of better quality, the director may authorize the use of data collected after January 1, 1988.

**Subp. 7. Incremental expansions.** If a new or expanded discharge is proposed in increments, the increments must be added together to determine whether the discharge is a significant discharge. Once the criteria for a significant discharge are satisfied by adding together the increments, the requirements of this part shall apply to the discharge.

**Subp. 8. Determination of reasonable control measures for significant discharges.** The person proposing a new or expanded significant discharge of sewage, industrial waste, or other wastes shall submit to the director information pertinent to those factors specified in subpart 4 for determining what additional control measures are reasonable.

The director shall provide notice and an opportunity for a public hearing in accordance with the permit requirements in chapter 7001 before establishing reasonable control requirements for a new or expanded significant discharge.

### 7050.0190 VARIANCE FROM STANDARDS.

**Subpart 1. Standard.** In any case where, upon application of the responsible person or persons, the agency finds that by reason of exceptional circumstances the strict enforcement of any provision of these standards would cause undue hardship, that disposal of the sewage, industrial waste, or other waste is necessary for the public health, safety, or welfare; and that strict conformity with the standards would be unreasonable, impractical, or not feasible under the circumstances; the agency in its discretion may grant a

variance therefrom upon such conditions as it may prescribe for prevention, control, or abatement of pollution in harmony with the general purposes of these classifications and standards and the intent of the applicable state and federal laws. The United States Environmental Protection Agency will be advised of any permits which may be issued under this clause together with information as to the need therefor.

Subp. 2. Listing. By October 1 each year, the director shall prepare a list of the variances in effect granted by the agency under this part. This list shall be available for public inspection and shall be provided to the United States Environmental Protection Agency. This list shall identify the person granted the variance, the rule from which the variance was granted, the water affected, the year granted, and any restrictions that apply in lieu of the rule requirement.

Subp. 3. Review. Variances granted by the agency under this part shall be subject to agency and public review at least every three years. Variances may be modified or suspended under the procedures in part 7000.0700.

#### **7050.0200 WATER USE CLASSIFICATIONS FOR WATERS OF THE STATE.**

Based on considerations of best usage in the interest of the public and in conformance with the requirements of the applicable statutes, the waters of the state shall be grouped into one or more of the following classes:

1. Domestic consumption includes all waters of the state which are or may be used as a source of supply for drinking, culinary or food processing use or other domestic purposes, and for which quality control is or may be necessary to protect the public health, safety, or welfare.

2. Fisheries and recreation includes all waters of the state which are or may be used for fishing, fish culture, bathing, or any other recreational purposes, and for which quality control is or may be necessary to protect aquatic or terrestrial life or their habitats, or the public health, safety, or welfare.

3. Industrial consumption includes all waters of the state which are or may be used as a source of supply for industrial process or cooling water, or any other industrial or commercial purposes, and for which quality control is or may be necessary to protect the public health, safety, or welfare.

4. Agriculture and wildlife includes all waters of the state which are or may be used for any agriculture purposes, including stock watering and irrigation, or by waterfowl or other wildlife, and for which quality control is or may be necessary to protect terrestrial life and its habitat or the public health, safety, or welfare.

5. Aesthetic enjoyment and navigation includes all waters of the state which are or may be used for any form of water transportation or navigation, or fire prevention, and for which quality control is or may be necessary to protect the public health, safety, or welfare.

6. Other uses includes all waters of the state which are or may serve the above listed uses or any other beneficial uses not listed herein, including without limitation any such uses in this or any other state, province, or nation of any waters flowing through or originating in this state, and for which quality control is or may be necessary for the above declared purposes, or to conform with the requirements of the legally constituted state or national agencies having jurisdiction over such waters, or any other considerations the agency may deem proper.

7. Limited resource value waters includes surface waters of the state which are of limited value as a water resource and where water quantities are intermittent or less than one cubic foot per second at the once in ten year, seven-day low flow as defined in part 7050.0210, subpart 7. These waters shall be protected so as to allow secondary body contact use, to preserve the groundwater for use as a potable water supply, and to protect aesthetic qualities of the water. It is the intent of the agency that very few waters be classified as limited resource value waters. In conjunction with those factors listed in Minnesota Statutes, section 115.44, subdivisions 2 and 3, the agency, in cooperation and agreement with the Department of Natural Resources with respect to determination of fisheries values and potential, shall determine the extent to which the waters of the state demonstrate the conditions set forth below:

a. the existing fishery and potential fishery are severely limited by natural conditions as exhibited by poor water quality characteristics, lack of habitat, or lack of water; or

b. the quality of the resource has been significantly altered by human activity and the effect is essentially irreversible; and

c. there are limited recreational opportunities (such as fishing, swimming, wading, or boating) in and on the water resource.

Conditions "a" and "c" or "b" and "c" must be established by the agency water assessment procedure before the waters can be classified as limited resource value waters.

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

# Proposed Rules

## 7050.0210 GENERAL STANDARDS FOR DISCHARGERS TO WATERS OF THE STATE.

Subpart 1. [Unchanged.]

Subp. 2. **Nuisance conditions prohibited.** No sewage, industrial waste, or other wastes shall be discharged from either point or nonpoint sources into any waters of the state so as to cause any nuisance conditions, such as the presence of significant amounts of floating solids, scum, oil slicks, excessive suspended solids, material discoloration, obnoxious odors, gas ebullition, deleterious sludge deposits, undesirable slimes or fungus growths, aquatic habitat degradation, excessive growths of aquatic plants, or other offensive or harmful effects.

Subp. 3. to 5. [Unchanged.]

Subp. 6. **Minimum secondary treatment for municipal point source and other point source dischargers of sewage.** It is herein established that the agency shall require secondary treatment as a minimum for all municipal sewage and biodegradable industrial or other wastes to meet the adopted water quality standards. ~~A comparable high degree of treatment or its equivalent also shall be required of all nonbiodegradable industrial or other wastes unless the discharger can demonstrate to the agency that a lesser degree of treatment or control will provide for water quality enhancement commensurate with present and proposed future water uses and a variance is granted under the provisions of the variance clause point source dischargers and other point source dischargers of sewage. For purposes of this part, municipal has the adjective meaning of municipality as defined in part 7001.1020, subpart 18.~~ Secondary treatment facilities are defined as works which will provide effective sedimentation, biochemical oxidation, and disinfection, or the equivalent, including effluents conforming to the following:

Substance or Characteristic	Limiting Concentration or Range*
5-Day carbonaceous biochemical oxygen demand*	25 milligrams per liter
Fecal coliform group organisms ***	200 organisms per 100 milliliters
Total suspended solids*	30 milligrams per liter
Oil	Essentially free of visible oil
Phosphorus**	1 milligram per liter
Turbidity	25
pH range	6.0 - 9.0
Unspecified toxic or corrosive substances	None at levels acutely toxic to humans or other animals or plant life, or directly damaging to real property.

\*The arithmetic mean for concentrations of five-day carbonaceous biochemical oxygen demand and total suspended solids shall not exceed the stated values in any calendar month ~~and 45 milligrams per liter in any calendar week. In any calendar week, the arithmetic mean for concentrations of five-day carbonaceous biochemical oxygen demand shall not exceed 40 milligrams per liter and total suspended solids shall not exceed 45 milligrams per liter.~~

\*\*Where the discharge of effluent is directly to or affects a lake or reservoir, phosphorus removal to one milligram per liter shall be required. In addition, removal of nutrients from all wastes shall be provided to the fullest practicable extent wherever sources of nutrients are considered to be actually or potentially detrimental to preservation or enhancement of the designated water uses. Dischargers required to control nutrients by this subpart are subject to the variance provisions of part 7050.0190.

\*\*\*Disinfection of wastewater effluents to reduce the levels of fecal coliform organisms to the stated value is required from March 1 through October 31 (Class 2 waters) and May 1 through October 31 (Class 7 waters) except that where the effluent is discharged 25 miles or less upstream of a water intake supplying a potable water system, the reduction to the stated value is required year around. The stated value is not to be exceeded in any calendar month as determined by the ~~logarithmic~~ geometric mean of all the samples collected in a given calendar month. The application of the fecal coliform group organism standards shall be limited to sewage or other effluents containing admixtures of sewage and shall not apply to industrial wastes except where the presence of sewage, fecal coliform organisms, or viable pathogenic organisms in such wastes is known or reasonably certain. Analysis of samples for fecal coliform group organisms by either the multiple tube fermentation or the membrane filter techniques is acceptable.

**Subp. 6a. Exception for existing trickling filter facilities.** The exception for existing trickling filter facilities is:

**A. The secondary treatment effluent limitations in subpart 1 for 5-day carbonaceous biochemical oxygen demand and total suspended solids does not apply to municipal point source dischargers and other point source dischargers of sewage that meet all of the following conditions:**

- (1) The treatment facility was in operation on January 1, 1987;
- (2) The treatment facility uses a trickling filter as the principal method of biologically treating the wastewater; and
- (3) The discharger has been incapable of consistently meeting the effluent limitations for 5-day carbonaceous biochemical oxygen demand or total suspended solids contained in subpart 1.

B. For those municipal point source dischargers and other point source dischargers of sewage that meet the conditions of item A, the following effluent limitations for 5-day carbonaceous biochemical oxygen demand and total suspended solids apply as the arithmetic mean of all samples collected during a calendar month.

<u>5-day carbonaceous biochemical oxygen demand</u>	<u>40 milligrams per liter*</u>
<u>Total suspended solids</u>	<u>45 milligrams per liter**</u>

\*In any calendar week, the arithmetic mean for 5-day carbonaceous biochemical demand shall not exceed 60 milligrams per liter.

\*\*The arithmetic mean for any calendar week shall not exceed 65 milligrams per liter for total suspended solids.

C. The other effluent limitations in subpart 1 apply to those municipal point source dischargers and other point source dischargers of sewage whose limitations for 5-day carbonaceous biochemical oxygen demand and total suspended solids are established by this subpart.

Subp. 6b. Exception for pond facilities. The exception for pond facilities is:

A. The secondary treatment effluent limitations in subpart 1 for total suspended solids does not apply to municipal point source dischargers and other point source dischargers of sewage that operate stabilization ponds or aerated ponds as the principal method of biologically treating the wastewater.

B. For such treatment works the effluent limitation for total suspended solids for a discharge from the pond is as follows:

<u>Total suspended solids</u>	<u>45 milligrams per liter* (arithmetic mean of all samples collected during any calendar month)</u>
-------------------------------	--

\*The arithmetic mean for any calendar week shall not exceed 65 milligrams per liter for total suspended solids.

C. The other effluent limitations in subpart 1 apply to those municipal point source dischargers and other point source dischargers of sewage whose limitations for total suspended solids are established by this subpart.

Subp. 6a 6c. Other requirements preserved. The requirements of this chapter and specifically the ~~requirement of secondary treatment as stated above~~ requirements in parts 7050.0211 to 7050.0212 are in addition to any requirement imposed on a discharge by the Clean Water Act, United States Code, title 33, sections 1251 et seq., and its implementing regulations. In the case of a conflict between the requirements of parts ~~7050.0100~~ 7050.0110 to 7050.0220 and the requirements of the Clean Water Act or its implementing regulations, the more stringent requirement controls.

Subp. 7. Minimum stream flow. Dischargers of sewage, industrial waste, or other ~~waste effluents~~ wastes shall be controlled so that the water quality standards will be maintained at all stream flows which are equal to or exceeded by 90 percent of the seven consecutive daily average flows of record (the lowest weekly flow with a once in ten-year recurrence interval) for the critical month(s). The period of record for determining the specific flow for the stated recurrence interval, where records are available, shall include at least the most recent ten years of record, including flow records obtained after establishment of flow regulation devices, if any. ~~Such~~ The calculations shall not be applied to lakes and their embayments which have no comparable flow recurrence interval. Where stream flow records are not available, the flow may be estimated on the basis of available information on the watershed characteristics, precipitation, run-off, and other relevant data.

Allowance shall not be made in the design of treatment works for low stream flow augmentation unless ~~such~~ the flow augmentation of minimum flow is dependable and controlled under applicable laws or regulations.

Subp. 8. Advanced wastewater treatment requirements. In any instance where it is evident that the minimal treatment specified in subpart 6 or part 7050.0212 and dispersion are not effective in preventing pollution, or if at the applicable flows it is evident that the specified stream flow is inadequate to protect the specified water quality standards, the specific standards may be interpreted as effluent standards for control purposes. In addition, the following effluent standards may be applied without any allowance for dilution where stream flow or other factors are such as to prevent adequate dilution, or where it is otherwise necessary to protect the waters of the state for the stated uses:

<u>Item*</u>	<u>Limits**</u>
<u>5-day carbonaceous biochemical oxygen demand</u>	<u>5 milligrams per liter (arithmetic mean of all samples taken during any calendar month)</u>

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

\*The concentrations specified in subpart 6 or, if applicable, part 7050.0212 may be used in lieu thereof if the discharge of effluent is restricted to the spring flush or other high runoff periods when the stream flow rate above the discharge point is sufficiently greater than the effluent flow rate to insure that the applicable water quality standards are met during such discharge period. If treatment works are designed and constructed to meet the specified limits given above for a continuous discharge, at the discretion of the agency the operation of such works may allow for the effluent quality to vary between the limits specified above and in subpart 6 or, if applicable, part 7050.0212, provided the water quality standards and all other requirements of the agency and the United States Environmental Protection Agency are being met. Such variability of operation must be based on adequate monitoring of the treatment works and the effluent and receiving waters as specified by the agency.

\*\*If a discharger is required by the director to implement a pretreatment program for the control of toxic pollutants from industrial contributors and the program has not yet been implemented, the discharger's effluent limitation for total suspended solids shall be five milligrams per liter until such time as the program has been implemented.

This section shall not apply to discharges to surface waters classified as limited resource value waters pursuant to parts 7050.0200, number 7 and 7050.0400 to ~~7050.0480~~ 7050.0470.

Subp. 9. **Water quality based effluent limitations.** Notwithstanding the provisions of subparts 8 and 16 parts 7050.0213 and 7050.0214, the agency may require a specific discharger to meet effluent limitations which are necessary to maintain the water quality of the receiving water at the standards of quality and purity established by this part chapter. Any effluent limitation determined to be necessary under this section shall only be required of a discharger after the discharger has been given notice of the specific effluent limitations and an opportunity for public hearing provided that compliance with the requirements of part 7070.1400 chapter 7001 regarding notice of National Pollutant Discharge Elimination System and State Disposal System permits shall satisfy the notice and opportunity for hearing requirements of this subpart.

Subp. 10. **Alternative waste treatment.** After providing an opportunity for public hearing the agency shall accept effective loss prevention and/or water conservation measures or process changes or other waste control measures or arrangements if it finds that such measures, changes, or arrangements are equivalent to the waste treatment measures required for compliance with applicable effluent and/or water quality standards or load allocations.

Subp. 11. [See Repealer.]

Subp. 12. **Liquid substances.** Liquid substances which are not commonly considered to be sewage or industrial waste but which could constitute a pollution hazard shall be stored in accordance with parts 7100.0010 to 7100.0090, and any revisions or amendments thereto. Other wastes as defined by law or other substances which could constitute a pollution hazard, including substances from nonpoint sources and households, shall not be deposited in any manner such that the same may be likely to gain entry into any waters of the state in excess of or contrary to any of the standards herein adopted, or cause pollution as defined by law.

Subp. 13. **Pollution prohibited.** No sewage, industrial waste, or other wastes shall be discharged from either a point or a nonpoint source into the waters of the state in such quantity or in such manner alone or in combination with other substances as to cause pollution thereof as defined by law. In any case where the waters of the state into which sewage, industrial waste, or other waste effluents discharge are assigned different standards than the waters of the state into which such receiving waters flow, the standards applicable to the waters into which such sewage, industrial waste, or other wastes discharged shall be supplemented by the following:

The quality of any waters of the state receiving sewage, industrial waste, or other waste effluents shall be such that no violation of the standards of any waters of the state in any other class shall occur by reason of the discharge of such sewage, industrial waste, or other waste effluents.

Subp. 14. **Undefined toxic substances.** Questions concerning the permissible levels, or changes in the same, of a substance, or combination of substances, of undefined toxicity to fish or other biota shall be resolved in accordance with the latest methods recommended by the United States Environmental Protection Agency. The agency shall consider the recommendations of the Quality Criteria for Water, US EPA 4976 1986, in making determinations under this part. Toxic substances shall not exceed one-tenth of the 96-hour median tolerance limit (TLM) as a water quality standard except that other application factors shall be used when justified on the basis of available scientific evidence.

Subp. 15. **Point source dischargers must report to agency.** All persons operating or responsible for sewage, industrial waste, or other waste disposal systems which are adjacent to or which discharge effluents to these waters or to tributaries which affect the same, shall submit regularly every month a report to the agency upon request on the operation of the disposal system, the effluent flow, and the characteristics of the effluents and receiving waters. Sufficient data on measurements, observations, sampling, and analyses, and other pertinent information shall be furnished as may be required by the agency to adequately evaluate the condition of the disposal system, the effluent, and the waters receiving or affected by the effluent.

Subp. 16. **Limited resource value waters Requirements for point source dischargers to limited resource value waters.** ~~Restrictions on discharges to limited resource value waters include the following:~~

## Proposed Rules

A. **Effluent limitations.** For point source discharges of sewage, industrial, or other wastes to surface waters classified as limited resource value waters pursuant to parts 7050.0200, number 7 and 7050.0400 to ~~7050.0480~~ 7050.0470, the agency shall require treatment facilities which will provide effluents conforming to the following limitations:\*

Substance or Characteristic	Limiting Concentration
5-Day carbonaceous biochemical oxygen demand	15 milligrams per liter (arithmetic mean of all samples taken during any calendar month)

\*All effluent limitations specified in subpart 6 shall also be applicable to dischargers of sewage to Class 7 waters, provided that unspecified toxic or corrosive substances shall be limited to the extent necessary to protect the designated uses of the receiving water or affected downstream waters.

B. **Alternative secondary treatment effluent limitations.** The agency shall allow treatment works to be constructed and/or operated to produce effluents to limited resource value waters at levels up to those stated in subpart 6 provided that it is demonstrated that the water quality standards for limited resource value waters will be maintained during all periods of discharge from the treatment facilities.

C. **Protection of downstream waters.** Notwithstanding the effluent limitations established by this section the quality of limited resource value waters shall not be such as to allow a violation of applicable water quality standards in waters of the state which are connected to or affected by water classified as limited resource value waters.

D. **Public waters designation unaffected.** The classification of surface waters as limited resource value waters pursuant to parts 7050.0200, number 7 and 7050.0400 to ~~7050.0480~~ 7050.0470 shall not supersede, alter, or replace the classification and designation of such waters as public waters pursuant to applicable provisions and requirements of Minnesota Statutes, chapter 105.

Subp. 17. **Compliance with permit conditions.** No person who is in compliance with the terms and conditions of its permit issued pursuant to under chapter ~~7070~~ 7001 shall be deemed in violation of any water quality standard in this rule for which a corresponding effluent limitation is established in the permit. However, exceedances of the water quality standards in a receiving water shall constitute grounds for modification of a permit(s) for any discharger(s) to the receiving water who is (are) causing or contributing to the exceedances. Chapter ~~7070~~ 7001 shall govern the modification of any such permit.

Subp. 18. [Unchanged.]

### 7050.0212 REQUIREMENTS FOR POINT SOURCE DISCHARGERS OF INDUSTRIAL OR OTHER WASTES.

Subpart 1. Applicable effluent limitations. Any person discharging industrial or other wastes from a point source shall comply with the following requirements:

A. Point source dischargers of industrial or other wastes shall comply with all applicable federal standards promulgated by the United States Environmental Protection Agency under sections 301, 306, and 307 of the Clean Water Act, United States Code, title 33, sections 1311 and 1316. Code of Federal Regulations, title 40, parts 401 through 469, are incorporated by reference.

B. If effluent limitations for five-day carbonaceous biochemical oxygen demand, total suspended solids, pH, or oil are not established under item A for any point source discharger of industrial or other wastes, that point source discharger shall comply with the effluent limitations for those substances established in part 7050.0211, subpart 1, or with such other equivalent mass limitations established under part 7050.0210, subpart 9, if applicable.

C. Point source dischargers of industrial or other wastes shall comply with all additional effluent limitations established by the agency in any permit proceeding for that discharger through application of the criteria provided by Code of Federal Regulations, title 40, part 125, subpart A.

Subp. 2. Feedlot exemption. The requirements of subpart 1, items B and C, do not apply to animal feedlots.

Subp. 3. Antibacksliding. Any point source discharger of industrial or other wastes for which a national pollutant discharge elimination system permit has been issued by the agency that contains effluent limitations more stringent than those established by subparts 1 and 2 shall continue to meet the effluent limitations established by the permit, unless less stringent effluent limitations are established by the director under part 7001.1080, subpart 9. In all cases, the designated beneficial uses and the water quality standards shall be maintained in the receiving water.

Subp. 4. Nutrient control requirements. In addition to the requirements of subpart 1, a person discharging industrial or other

KEY: PROPOSED RULES SECTION — Underlining indicates additions to existing rule language. Strike outs indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." ADOPTED RULES SECTION — Underlining indicates additions to proposed rule language. Strike outs indicate deletions from proposed rule language.

## Proposed Rules

wastes from a point source shall comply with the nutrient control requirements of part 7050.0211, subpart 1, if the discharge of effluent is directly to or affects a lake or reservoir.

Subp. 5. **Exception for total suspended solids limitations for ponds.** A point source discharger of industrial or other wastes that uses a stabilization or aerated pond as the principal method of biologically treating the waste shall comply with subparts 1 to 4, except that the total suspended solids effluent limitations applicable to a discharger under subpart 1, item B, shall be those limitations in part 7050.0211, subpart 3, rather than the total suspended solids limitations in part 7050.0211, subpart 1.

Subp. 6. **Unspecified toxic or corrosive substances.** In addition to the requirements of subpart 1, a person discharging industrial or other wastes from a point source shall comply with the control requirements of part 7050.0211, subpart 1, for unspecified or corrosive substances.

### 7050.0215 REQUIREMENTS FOR ANIMAL FEEDLOTS.

Subpart 1. **Definitions.** For the purpose of this part, the following terms have the meanings given them:

A. "Animal feedlot" has the meaning given in part 7020.0300, subpart 3.

B. "Animal manure" has the meaning given in part 7020.0300, subpart 4.

C. "Manure storage area" has the meaning given in part 7020.0300, subpart 14.

D. "Treatment works" has the meaning given in Minnesota Statutes, section 115.01, subdivision 7, and includes a vegetated filter or buffer strip located between an animal feedlot or a manure storage area and a receiving water.

Subp. 2. **Effluent limitations for a discharge.**

A. Any person discharging pollutants to surface waters of the state from an animal feedlot or manure storage area who is not regulated by federal requirements under part 7050.0212, subpart 1, shall comply with the following limitations after allowance for pollutant removal by a treatment works:

5-day biochemical oxygen demand

25 milligrams per liter (arithmetic mean of all samples taken during any calendar month)

If the discharge is directly to or affects a lake or reservoir, the person discharging the pollutants shall comply with the nutrient control requirements of part 7050.0211, subpart 1.

B. The effluent limitations in item A are not applicable whenever rainfall events, either chronic or catastrophic, cause an overflow from an animal feedlot or manure storage area designed, constructed, and operated:

(1) to meet the effluent limitations in item A for rainfall events less than or equal to a 25-year, 24-hour rainfall event for that location; or

(2) to collect and contain the runoff from a 25-year, 24-hour rainfall event for that location.

### 7050.0220 SPECIFIC STANDARDS OF QUALITY AND PURITY FOR DESIGNATED CLASSES OF WATERS OF THE STATE.

Subpart 1. **General.** The standards described in subparts 2 to 8 shall prescribe the qualities or properties of the waters of the state which that are necessary for the designated public use or benefit and which, if the limiting conditions given are exceeded, shall be considered indicative of a polluted condition which is actually or potentially deleterious, harmful, detrimental, or injurious with respect to such designated uses or established classes of the waters of the state.

Subp. 2. **1. Domestic consumption.**

A. Class A. The quality of this class of the waters of the state shall be such that without treatment of any kind the raw waters will meet in all respects both the mandatory and recommended requirements of the Public Health Service Drinking Water Standards-1962 for drinking water as specified in Publication No. 956 published by the Public Health Service of the United States Department of Health, Education and Welfare, and any revisions, amendments, or supplements thereto to it. This standard will ordinarily be restricted to underground waters with a high degree of natural protection. The basic requirements are given below:

Substance or Characteristic	Limit or Range
Total coliform organisms	1 most probable number per 100 milliliters
Turbidity value	5 NTUs
Color value	15 Pt.-Co. units
Threshold odor number	3
Methylene blue active substance (MBAS)	0.5 milligram per liter
Arsenic (As)	0.01 milligram per liter
Chlorides (Cl)	250 milligrams per liter

Substance or Characteristic	Limit or Range
Copper (Cu)	1 milligram per liter
Carbon chloroform extract	0.2 milligram per liter
Cyanides (CN)	0.01 milligram per liter
Fluorides (F)	1.5 milligrams per liter
Iron (Fe)	0.3 milligram per liter
Manganese (Mn)	0.05 milligram per liter
Nitrates ( <del>NO<sub>3</sub></del> ) <u>as N</u>	<del>45</del> <u>10</u> milligrams per liter
Phenol <u>as phenol</u>	0.001 milligram per liter
Sulfates (SO <sub>4</sub> )	250 milligrams per liter
Total dissolved solids	500 milligrams per liter
Zinc (Zn)	5 milligrams per liter
Barium (Ba)	1 milligram per liter
Cadmium (Cd)	0.01 milligram per liter
Chromium (Hexavalent, Cr)	0.05 milligram per liter
Lead (Pb)	0.05 milligram per liter
Selenium (Se)	0.01 milligram per liter
Silver (Ag)	0.05 milligram per liter
Radioactive material	Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use.

B. [Unchanged.]

C. Class C. The quality of this class of the waters of the state shall be such that with treatment consisting of coagulation, sedimentation, filtration, storage, and chlorination, or other equivalent treatment processes, the treated water will meet in all respects both the mandatory and recommended requirements of the Public Health Service Drinking Water Standards-1962 for drinking water as specified in Publication No. 956 published by the Public Health Service of the United States Department of Health, Education and Welfare, and any revisions, amendments, or supplements thereto. This standard will ordinarily be restricted to surface waters, and groundwaters in aquifers not considered to afford adequate protection against contamination from surface or other sources of pollution. Such aquifers normally would include fractured and channeled limestone, unprotected impervious hard rock where water is obtained from mechanical fractures, joints, etc., with surface connections, and coarse gravels subjected to surface water infiltration. The physical and chemical standards quoted above for Class A waters shall also apply to these waters in the untreated state, except as listed below:

Substance or Characteristic	Limit or Range
Turbidity value	25 <u>NTUs</u>

D. [Unchanged.]

**Subp. 3. 2. Fisheries and recreation.**

A. Class A. The quality of this class of the waters of the state shall be such as to permit the propagation and maintenance of warm or cold water sport or commercial fishes and their habitats and be suitable for aquatic recreation of all kinds, including bathing, for which the waters may be usable. Limiting concentrations or ranges of substances or characteristics which should not be exceeded in the waters are given below:

Substance or Characteristic	Limit or Range
Dissolved oxygen	Not less than 7 milligrams per liter at all times (instantaneous minimum concentration)***
Temperature	No material increase
Ammonia (N)*	0.016 milligram per liter (un-ionized as N)
Chlorides (Cl)	50 milligrams per liter
Chromium (Cr)	0.02 milligram per liter

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

Substance or Characteristic	Limit or Range
Copper (Cu)	0.01 milligram per liter or not greater than 1/10 the 96 hour TLM value
Cyanides (CN)	0.02 milligram per liter
Oil	0.5 milligram per liter
pH value	6.5 - 8.5
Phenols <u>as phenol</u>	0.01 milligram per liter and none that could impart odor or taste to fish flesh or other freshwater edible products such as crayfish, clams, prawns and like creatures. Where it seems probable that a discharge may result in tainting of edible aquatic products, bioassays and taste panels will be required to determine whether tainting is likely or present.
Turbidity value	10 NTUs
Color value	30 Pt.-Co. units
Fecal coliform organisms	200 organisms per 100 milliliters as a <del>logarithmic</del> <u>geometric</u> mean measured in not less than five samples in any calendar month, nor shall more than 10% of all samples taken during any calendar month individually exceed 400 organisms per 100 milliliters. (Applies only between March 1 and October 31.)
Radioactive materials	Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use.
Total residual chlorine**	0.005 milligram per liter

\*The percent un-ionized ammonia can be calculated for any temperature and pH by using the following formula taken from Thurston, R. V., R. C. Russo, and K. Emerson, 1974. Aqueous ammonia equilibrium calculations. Technical Report Number 74-1, Fisheries Bioassay Laboratory, Montana State University, Bozeman, MT. 18 p.

$$f = \frac{1}{10^{(pk_a - pH)} + 1} \times 100$$

where:

f = the percent of total ammonia in the un-ionized state

$pk_a = 0.0901821 + \frac{2729.92}{T}$ , dissociation constant for ammonia

T = temperature in degrees Kelvin (273.16° Kelvin = 0° Celsius)

\*\*Applies to conditions of continuous exposure, where continuous exposure refers to chlorinated effluents which are discharged for more than a total of two hours in any 24-hour period.

\*\*\*This dissolved oxygen standard shall be construed to require compliance with the standard 50 percent of the days at which the flow of the receiving water is equal to the lowest weekly flow with a once in ten-year recurrence interval (7Q10).

B. Class B. The quality of this class of the waters of the state shall be such as to permit the propagation and maintenance of cool or warm water sport or commercial fishes and their habitats and be suitable for aquatic recreation of all kinds, including bathing, for which the waters may be usable. Limiting concentrations or ranges of substances or characteristics which should not be exceeded in the waters are given below:

Substance or Characteristic	Limit or Range
Dissolved oxygen*	Not less than 5 milligrams per liter at all times (instantaneous minimum concentration)****
Temperature	5°F above natural in streams and 3°F above natural in lakes, based on monthly average of the maximum daily temperature, except in no case shall it exceed the daily average temperature of 86°F
Ammonia (N)**	0.04 milligram per liter (un-ionized as N)
Chromium (Cr)	0.05 milligram per liter
Copper (Cu)	0.01 milligram per liter or not greater than 1/10 the 96 hour TLM value.
Cyanides (CN)	0.02 milligram per liter

Substance or Characteristic	Limit or Range
Oil	0.5 milligram per liter
pH value	6.5 - 9.0
Phenols <u>as phenol</u>	0.01 milligram per liter and none that could impart odor or taste to fish flesh or other freshwater edible products such as crayfish, clams, prawns and like creatures. Where it seems probable that a discharge may result in tainting of edible aquatic products, bioassays and taste panels will be required to determine whether tainting is likely or present.
Turbidity value	25 <u>NTUs</u>
Fecal coliform organisms	200 organisms per 100 milliliters as a <del>logarithmic</del> <u>geometric</u> mean measured in not less than five samples in any calendar month, nor shall more than 10% of all samples taken during any calendar month individually exceed 2000 organisms per 100 milliliters. (Applies only between March 1 and October 31.)
Radioactive materials	Not to exceed the lowest concentration permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use.
Total Residual Chlorine***	0.005 milligram per liter

\*This standard applies to all waters of the state except for the reach of the Mississippi River from the outlet of the metro wastewater treatment works in Saint Paul (River Mile 835) to Lock and Dam No. 2 at Hastings (River Mile 815). For this reach of the Mississippi River the standard is not less than five milligrams per liter as a daily average from April 1 through November 30, and not less than four milligrams per liter at other times.

- \*\*See ammonia footnote for Class 2A waters.
- \*\*\*See chlorine footnote for Class 2A waters.
- \*\*\*\*See dissolved oxygen footnote for Class 2A waters.

C. Class C. The quality of this class of the waters of the state shall be such as to permit the propagation and maintenance of rough fish or species commonly inhabiting waters of the vicinity under natural conditions, maintain the habitat for such fisheries, and be suitable for boating and other forms of aquatic recreation for which the waters may be usable. Limiting concentrations or ranges of substances or characteristics which should not be exceeded in the waters are given below:

Substance or Characteristic	Limit or Range
Dissolved oxygen*	Not less than 5 milligrams per liter at all times (instantaneous minimum concentration.)****
Temperature	5°F above natural in streams and 3°F above natural in lakes, based on monthly average of the maximum daily temperature except in no case shall it exceed the daily average temperature of 90°F
Ammonia (N)**	0.04 milligram per liter (un-ionized as N)
Chromium (Cr)	0.05 milligram per liter
Copper (Cu)	0.01 milligram per liter or not greater than 1/10 the 96 hour TLM value.
Cyanides (CN)	0.02 milligram per liter
Oil	10 milligrams per liter, and none in such quantities as to (1) produce a visible color film on the surface, (2) impart an oil odor to water or an oil taste to fish and edible invertebrates, (3) coat the banks and bottom of the watercourse or taint any of the associated biota, or (4) become effective toxicants according to the criteria recommended.
pH value	6.5 - 9.0
Phenols <u>as phenol</u>	0.1 milligram per liter and none that could impart odor or taste to fish flesh or other freshwater edible products such as crayfish, clams, prawns

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

# Proposed Rules

Substance or Characteristic	Limit or Range
Turbidity value	and like creatures. Where it seems probable that a discharge may result in tainting of edible aquatic products, bioassays and taste panels will be required to determine whether tainting is likely or present. 25 NTUs
Fecal coliform organisms	200 organisms per 100 milliliters as a <del>logarithmic</del> <u>geometric</u> mean measured in not less than five samples in any calendar month, nor shall more than 10% of all samples taken during any calendar month individually exceed 2000 organisms per 100 milliliters. (Applies only between March 1 and October 31.)
Radioactive materials	Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use.
Total residual chlorine***	0.005 milligram per liter

\*This standard applies to all waters of the state except for the reach of the Mississippi River from the outlet of the metro wastewater treatment works in Saint Paul (River Mile 835) to Lock and Dam No. 2 at Hastings (River Mile 815) and except for the reach of the Minnesota River from the outlet of the Blue Lake wastewater treatment works (River Mile 22) to the mouth at Fort Snelling. For this reach of the Mississippi River the standard is not less than five milligrams per liter as a daily average from April 1 through November 30, and not less than four milligrams per liter at other times. For the specified reach of the Minnesota River the standard shall be not less than five milligrams per liter as a daily average year-round.

\*\*See ammonia footnote for Class 2A waters.

\*\*\*See chlorine footnote for Class 2A waters.

\*\*\*\*See dissolved oxygen footnote for Class 2A waters.

For all classes of fisheries and recreation waters, the aquatic habitat, which includes the waters of the state and stream bed, shall not be degraded in any material manner, there shall be no material increase in undesirable slime growths or aquatic plants, including algae, nor shall there be any significant increase in harmful pesticide or other residues in the waters, sediments, and aquatic flora and fauna; the normal fishery and lower aquatic biota upon which it is dependent and the use thereof shall not be seriously impaired or endangered, the species composition shall not be altered materially, and the propagation or migration of the fish and other biota normally present shall not be prevented or hindered by the discharge of any sewage, industrial waste, or other ~~waste effluents~~ wastes to the waters of the state.

No sewage, industrial waste, or other wastes shall be discharged into any of the waters of this category so as to cause any material change in any other substances or characteristics which may impair the quality of the waters of the state or the aquatic biota of any of the above listed classes or in any manner render them unsuitable or objectionable for fishing, fish culture, or recreational uses. Additional selective limits or changes in the discharge bases may be imposed on the basis of local needs.

### Subp. 4. 3. Industrial consumption.

A. Class A. The quality of this class of the waters of the state shall be such as to permit their use without chemical treatment, except softening for groundwater, for most industrial purposes, except food processing and related uses, for which a high quality of water is required. The quality shall be generally comparable to Class B waters for domestic consumption, except for the following:

Substance or Characteristic	Limit or Range
Chlorides (Cl)	50 milligrams per liter
Hardness, <u>Ca</u> + <u>Mg as CaCO<sub>3</sub></u>	50 milligrams per liter
pH value	6.5 - 8.5

B. Class B. The quality of this class of the waters of the state shall be such as to permit their use for general industrial purposes, except for food processing, with only a moderate degree of treatment. The quality shall be generally comparable to Class D waters of the state used for domestic consumption, except the following:

Substance or Characteristic	Limit or Range
Chlorides (Cl)	100 milligrams per liter
Hardness, <u>Ca</u> + <u>Mg as CaCO<sub>3</sub></u>	250 milligrams per liter
pH value	6.0 - 9.0

C. Class C. The quality of this class of the waters of the state shall be such as to permit their use for industrial cooling and materials transport without a high degree of treatment being necessary to avoid severe fouling, corrosion, scaling, or other unsatisfactory conditions. The following shall not be exceeded in the waters of the state:

Substance or Characteristic	Limit or Range
Chlorides (Cl)	250 milligrams per liter
Hardness, <u>Ca</u> + <u>Mg</u> as <u>CaCO<sub>3</sub></u>	500 milligrams per liter
pH value	6.0 - 9.0

Additional selective limits may be imposed for any specific waters of the state as needed.

In addition to the above listed standards, no sewage, industrial waste, or other wastes, treated or untreated, shall be discharged into or permitted by any person to gain access to any waters of the state classified for industrial purposes so as to cause any material impairment of their use as a source of industrial water supply.

**Subp. 5. 4. Agriculture and wildlife.**

A. Class A. The quality of this class of the waters of the state shall be such as to permit their use for irrigation without significant damage or adverse effects upon any crops or vegetation usually grown in the waters or area, including truck garden crops. The following concentrations or limits shall be used as a guide in determining the suitability of the waters for such uses, together with the recommendations contained in Handbook 60 published by the Salinity Laboratory of the United States Department of Agriculture, and any revisions, amendments, or supplements ~~thereto~~ to it:

Substance or Characteristic	Limit or Range
Bicarbonates (HCO <sub>3</sub> )	5 milliequivalents per liter
Boron (B)	0.5 milligram per liter
pH value	6.0 - <del>8.5</del> <u>9.0</u>
Specific conductance	1,000 micromhos per centimeter
Total dissolved salts	700 milligrams per liter
Sodium (Na)	60% of total cations as milliequivalents per liter
Sulfates (SO <sub>4</sub> )	10 milligrams per liter, applicable to water used for production of wild rice during periods when the rice may be susceptible to damage by high sulfate levels.
Radioactive materials	Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use.

B. Class B. The quality of this class of the waters of the state shall be such as to permit their use by livestock and wildlife without inhibition or injurious effects. The limits or concentrations of substances or characteristics given below shall not be exceeded in the waters of the state:

Substance or Characteristic	Limit or Range
pH value	6.0 - 9.0
Total salinity	1,000 milligrams per liter
Radioactive materials	Not to exceed the lowest concentrations permitted to be discharged to an uncontrolled environment as prescribed by the appropriate authority having control over their use.
Unspecified toxic substances	None at levels harmful either directly or indirectly.

Additional selective limits may be imposed for any specific waters of the state as needed.

Subp. 6. **5. Aesthetic enjoyment and navigation.** The quality of this class of the waters of the state shall be such as to be suitable for aesthetic enjoyment of scenery and to avoid any interference with navigation or damaging effects on property. The following limits or concentrations shall not be exceeded in the waters of the state:

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

---

---

Substance or Characteristic	Limit or Range
pH value	6.0 - 9.0
Hydrogen sulfide <u>as S</u>	0.02 milligram per liter

Additional selective limits may be imposed for any specific waters of the state as needed.

Subp. 7. and 8. [Unchanged.]

### 7050.0400 PURPOSE.

Parts 7050.0400 to ~~7050.0480~~ 7050.0470 classify all surface waters within or bordering the state of Minnesota and thereby designate appropriate beneficial uses for these waters. The use classifications are defined in part 7050.0200.

### 7050.0420 TROUT WATERS.

Trout streams and trout lakes described in Department of Natural Resources Commissioner's orders 2089 (dated June 26, 1981) and ~~2086~~ 2230 (dated ~~March 7, 1984~~ December 24, 1985) respectively are hereby classified as trout waters. Other lakes that are classified as trout waters are listed in part 7050.0470. All trout waters are classified 1B, 2A, 3B, 3C, 4A, 4B, 5, and 6.

### 7050.0430 UNLISTED WATERS.

All surface waters of the state that are not listed in part 7050.0470 are hereby classified as 2B, 3B, 4A, 4B, 5, and 6 class waters.

### 7050.0440 OTHER CLASSIFICATIONS SUPERSEDED.

Parts 7050.0400 to ~~7050.0480~~ 7050.0470 supersede any other previous classifications and any classifications in other rules including parts 7056.0010 to 7056.0040.

### 7050.0460 WATERS SPECIFICALLY CLASSIFIED.

The waters of the state listed in part 7050.0470 are hereby classified as specified. The specific stretch of watercourse or the location of ~~lakes~~ a waterbody is described by township, range, and section, abbreviated as T, R., S., respectively. Any community listed in part 7050.0470 is the community nearest the water classified, and is included solely to assist in identifying the water. An asterisk (\*) indicates the water is designated as an outstanding resource value water.

### 7050.0470 CLASSIFICATIONS FOR WATERS IN MAJOR SURFACE WATER DRAINAGE BASINS.

Subpart 1. **Lake Superior Basin.** The water use classifications for the listed waters in the Lake Superior Basin are as identified in items A and B:

A. [Unchanged.]

B. Lakes:

- (1) \*Alder Lake, (T.64, R.1E): 1B, 2A, 3B;
- (2) \*Alton Lake, (T.62, 63, R.4, 5): 1B, 2A, 3B;
- (3) \*Bearskin Lake, East, (T.64, R.1E, 1W): 1B, 2A, 3B;
- (4) \*Bearskin Lake, West, (T.64, 65, R.1): 1B, 2A, 3B;
- (5) \*Birch Lake, (T.65, R.1, 2): 1B, 2A, 3B;
- (6) Black Lake, (T.45, R.15): 1B, 2B, 3B;
- (7) \*Brule Lake, (T.63, R.2, 3): 1B, 2A, 3B;
- (8) \*Chester Lake, (T.64, R.3E): 1B, 2A, 3B;
- (9) \*Clearwater Lake (Emby Lake), (T.65, R.1E): 1B, 2A, 3B;
- (10) Colby Lake, (T.58, R.14): 1B, 2B, 3B;
- (11) \*Cone Lake, North, (T.63, 64, R.3): 1B, 2A, 3B;
- (12) \*Crystal Lake, (T.64, R.1E, 2E): 1B, 2A, 3B;
- (13) \*Daniels Lake, (T.65, R.1E, 1W): 1B, 2A, 3B;
- (14) \*Davis Lake, (T.64, R.3): 1B, 2A, 3B;
- (15) \*Devilfish Lake, (T.64, R.3E): 1B, 2A, 3B;
- (16) \*Duncan Lake, (T.65, R.1): 1B, 2A, 3B;
- (17) \*Dunn Lake, (T.65, R.1, 2): 1B, 2A, 3B;

- (18) \*Echo Lake, (T.59, R.6): 1B, 2A, 3B;  
(19) \*Esther Lake, (T.63, 64, R.3E): 1B, 2A, 3B;  
(20) \*Fan Lake, (T.65, R.2E): 1B, 2B, 3A;  
(21) \*Flour Lake, (T.64, R.1E, 1W): 1B, 2A, 3B;  
(22) Fowl Lake, North, (T.64, 65, R.3E): 1B, 2B, 3A;  
(23) Fowl Lake, South, (T.64, 65, R.3E): 1B, 2B, 3A;  
(24) \*Gaskin Lake, (T.64, R.2): 1B, 2A, 3B;  
(25) \*Greenwood Lake, (T.64, R.2E): 1B, 2A, 3B;  
(26) \*Hungry Jack Lake, (T.64, 65, R.1): 1B, 2A, 3B;  
(27) \*Jap Lake (Jerry Lake), (T.64, R.1E): 1B, 2A, 3B;  
(28) \*Kemo Lake, (T.63, R.1): 1B, 2A, 3B;  
(29) \*Lily Lakes, (T.65, R.2E): 1B, 2B, 3A;  
(30) \*McFarland Lake, (T.64, R.3E): 1B, 2A, 3B;  
(31) \*Misquah Lake, (T.64, R.1): 1B, 2A, 3B;  
(32) \*Moose Lake, (T.65, R.2E, 3E): 1B, 2A, 3A;  
(33) \*Morgan Lake, (T.64, R.1): 1B, 2A, 3B;  
(34) \*Moss Lake, (T.65, R.1): 1B, 2A, 3B;  
(35) \*Mountain Lake, (T.65, R.1E, 2E): 1B, 2A, 3B;  
(36) \*Musquash Lake, (T.63, R.1E): 1B, 2A, 3B;  
(37) \*Onega Lake (Omega Lake), (T.64, R.2, 3): 1B, 2A, 3B;  
(38) \*Otto Lake, Lower, (T.64, R.2): 1B, 2A, 3B;  
(39) \*Partridge Lake, (T.65, R.1): 1B, 2A, 3B;  
(40) \*Pike Lake, West, (T.65, R.2E): 1B, 2A, 3B;  
(41) \*Pine Lake, (T.64, 65, R.1E, 2E, 3E): 1B, 2A, 3B;  
(42) \*Ram Lake, (T.63, R.1): 1B, 2A, 3B;  
(43) \*Rose Lake, (T.65, R.1): 1B, 2A, 3B;  
(44) Saint Mary's Lake, (T.57, R.17, S.9, 16, 17): 1C, 2B, 3B;  
(45) \*Sawbill Lake, (T.62, 63, R.4): 1B, 2B, 3B;  
(46) Seven Beaver Lake, (T.58, R.11, 12): 2B, 3A;  
(47) \*South Lake, (T.65, R.1, 2): 1B, 2A, 3B;  
(48) \*State Lake, (T.63, 64, R.2): 1B, 2A, 3B;  
(49) \*Superior, Lake, (T.49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, R.14W-7E): 1B, 2A, 3A;  
(50) \*Swan Lake, (T.63, R.2): 1B, 2A, 3B;  
(51) \*Trout Lake, (T.62, R.2E): 1B, 2A, 3B;  
(52) \*Trout Lake, Little, (T.63, R.1): 1B, 2A, 3B;  
(53) \*Twin Lake, Upper (Bear Lake), (T.56, R.8): 1B, 2A, 3B;  
(54) \*Vista Lake, (T.64, R.1): 1B, 2A, 3B;

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

---

(55) \*Wanihigan Lake (Trap Lake), (T.63, 64, R.2, 3): 1B, 2A, 3B;

(56) \*Winchell Lake, (T.64, R.2, 3): 1B, 2A, 3B; and

(57) \*Black Lake Bog (Waters within the Black Lake Bog Scientific and Natural Area, Pine County, T.45, R.15, S.18, 19, 30; T.45, R.16, S.13, 24, 25): 2B, 3B; and

~~(57)~~ (58) \*All other lakes in the Boundary Waters Canoe Area Wilderness: 1B, 2B, 3B.

Subp. 2. **Lake of the Woods Basin.** The water use classifications for the listed waters in Lake of the Woods Basin are as identified in items A and B:

A. [Unchanged.]

B. Lakes:

(1) \*Adams Lake, (T.64, R.6): 1B, 2A, 3B;

(2) \*Agamok Lake, (T.65, R.5, 6): 1B, 2A, 3B;

(3) \*Ahmakose Lake, (T.64, R.7): 1B, 2A, 3B;

(4) \*Alpine Lake, (T.65, R.5): 1B, 2A, 3B;

(5) \*Amoeber Lake, (T.65, R.6, 7): 1B, 2A, 3B;

(6) \*Arkose Lake, (T.64, 65, R.7): 1B, 2A, 3B;

(7) \*Ashdick Lake (Caribou Lake), (T.66, R.6): 1B, 2A, 3B;

(8) \*Basswood Lake, (T.64, 65, R.9, 10): 1B, 2A, 3B;

(9) \*Bat Lake, (T.64, 65, R.5): 1B, 2A, 3B;

(10) \*Beartrack Lake, (T.67, R.15): 1B, 2A, 3B;

(11) \*Beaver Lake (Elbow Lake), (T.63, 64, R.6, 7): 1B, 2A, 3B;

(12) \*Bingshick Lake, (T.65, R.4, 5): 1B, 2A, 3B;

(13) \*Brant Lake (Everett Lake), (T.65, R.4): 1B, 2A, 3B;

(14) \*Burntside Lake, (T.63, 64, R.12, 13, 14): 1B, 2A, 3B;

(15) \*Camp Lake, (T.64, R.11): 1B, 2B, 3B;

(16) \*Caribou Lake, (~~T.60, R.22~~ T.58, R.26): 1B, 2A, 3B;

(17) \*Cash Lake, (T.64, R.3): 1B, 2A, 3B;

(18) \*Cherokee Lake, (T.63, 64, R.4): 1B, 2A, 3B;

(19) \*Cherry Lake, (T.65, R.6): 1B, 2A, 3B;

(20) \*Crab Lake, (T.63, R.13, 14): 1B, 2A, 3B;

(21) \*Crab Lake, (T.65, R.2, 3): 1B, 2A, 3B;

(22) \*Crane Lake, (T.67, 68, R.16, 17): 1B, 2A, 3A;

(23) \*Crooked Lake, (T.64, R.5): 1B, 2A, 3B;

(24) \*Crooked Lake, (T.66, R.11, 12): 1B, 2A, 3B;

(25) \*Cruiser Lake (Trout Lake), (T.69, 70, R.19): 1B, 2A, 3B;

(26) \*Eddy Lake, (T.65, R.6): 1B, 2A, 3B;

(27) \*Ester Lake (Gnig Lake), (T.65, 66, R.6): 1B, 2A, 3B;

(28) \*Eugene Lake, (T.67, R.15): 1B, 2A, 3B;

(29) \*Explorer Lake (South Three Lake), (T.64, R.7, 8): 1B, 2A, 3B;

(30) Fall Lake, (T.63, 64, R.11, 12): 1B, 2B, 3B;

(31) \*Fat Lake, (T.67, R.15): 1B, 2A, 3B;

(32) \*Fay Lake, (T.65, R.5): 1B, 2A, 3B;

(33) \*Fern Lake, (T.64, R.5): 1B, 2A, 3B;

---

---

## Proposed Rules

- (34) \*Fern Lake, West, (T.64, R.5): 1B, 2A, 3B;
- (35) \*Finger Lake, (T.67, R.14): 1B, 2A, 3B;
- (36) \*Fishdance Lake, (T.63, R.7): 1B, 2A, 3B;
- (37) \*Fraser Lake, (T.64, R.7): 1B, 2A, 3B;
- (38) \*French Lake, (T.64, 65, R.5): 1B, 2A, 3B;
- (39) \*Frost Lake, (T.64, R.4): 1B, 2A, 3B;
- (40) \*Gabimichigami Lake, (T.64, 65, R.5, 6): 1B, 2A, 3B;
- (41) \*Ge-Be-On-Equat Lake, (T.67, R.14): 1B, 2A, 3B;
- (42) \*Gijikiki Lake (Cedar Lake), (T.65, 66, R.6): 1B, 2A, 3B;
- (43) \*Gillis Lake, (T.64, 65, R.5): 1B, 2A, 3B;
- (44) \*Gordon Lake, (T.64, R.4): 1B, 2A, 3B;
- (45) \*Gun Lake, (T.67, 68, R.15): 1B, 2A, 3B;
- (46) Gunflint Lake, (T.65, R.2, 3, 4): 1B, 2A, 3B;
- (47) Gunflint Lake, Little, (T.65, R.2): 1B, 2B, 3B;
- (48) \*Hanson Lake, (T.65, 66, R.6): 1B, 2A, 3B;
- (49) \*Holt Lake, (T.65, R.6): 1B, 2A, 3B;
- (50) \*Howard Lake, (T.65, R.5): 1B, 2A, 3B;
- (51) \*Hustler Lake, (T.66, 67, R.14): 1B, 2A, 3B;
- (52) \*Ima Lake (Slate Lake), (T.64, R.7, 8): 1B, 2A, 3B;
- (53) \*Jasper Lake, (T.65, R.5): 1B, 2A, 3B;
- (54) Johnson Lake, (T.67, 68, R.17, 18): 1B, 2A, 3B;
- (55) \*Kabetogama Lake, (T.69, 70, R.20, 21, 22): 1B, 2B, 3A;
- (56) \*Karl Lake, (T.64, R.3, 4): 1B, 2A, 3B;
- (57) \*Kek Lake, Little, (T.65, R.6, 7): 1B, 2A, 3B;
- (58) \*Kekekabic Lake, (T.64, 65, R.6, 7): 1B, 2A, 3B;
- (59) \*Knife Lake, (T.65, R.7, 8): 1B, 2A, 3B;
- (60) \*Lake of the Clouds Lake (Dutton Lake), (T.65, R.6): 1B, 2A, 3B;
- (61) Larson Lake, (T.61, R.24): 1B, 2A, 3B;
- (62) \*Long Island Lake, (T.64, R.3, 4): 1B, 2A, 3B;
- (63) Loon Lake, (T.65, R.3): 1B, 2A, 3B;
- (64) \*Loon Lake, (T.66, 67, R.15): 1B, 2A, 3B;
- (65) \*Lunar Lake (Moon Lake), (T.65, R.6): 1B, 2A, 3B;
- (66) \*Lynx Lake, (T.66, R.14, 15): 1B, 2A, 3B;
- (67) Magnetic Lake, (T.65, R.3, 4): 1B, 2A, 3B;
- (68) Makwa Lake (Bear Lake), (T.64, R.6): 1B, 2A, 3B;
- (69) \*Marble Lake, (T.64, R.6): 1B, 2A, 3B;
- (70) Mayhew Lake, (T.65, R.2): 1B, 2A, 3B;

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

---

- (71) \*Mesaba Lake, (T.63, R.5): 1B, 2A, 3B;
- (72) \*Missionary Lake (East Three Lake), (T.64, R.7, 8): 1B, 2A, 3B;
- (73) \*Moose Lake, (T.64, R.9, 10): 1B, 2B, 3B;
- (74) \*Mora Lake, (T.64, R.5): 1B, 2A, 3B;
- (75) \*Mukooda Lake, (T.68, R.17): 1B, 2A, 3B;
- (76) \*Namakan Lake, (T.69, R.17, 18, 19): 1B, 2B, 3A;
- (77) \*North Lake, (T.65, R.2): 1B, 2A, 3B;
- (78) North Lake, Little, (T.65, R.2): 1B, 2B, 3B;
- (79) \*Ogishkemuncie Lake, (T.65, R.6): 1B, 2A, 3B;
- (80) \*Ojibway Lake (Upper Twin), (T.63, R.9, 10): 1B, 2A, 3B;
- (81) \*Owl Lake, (T.64, R.5): 1B, 2A, 3B;
- (82) \*Oyster Lake, (T.66, R.14): 1B, 2A, 3B;
- (83) \*Peter Lake, (T.64, 65, R.5): 1B, 2A, 3B;
- (84) \*Portage Lake, (T.65, R.8): 1B, 2A, 3B;
- (85) \*Powell Lake, (T.64, 65, R.5): 1B, 2A, 3B;
- (86) \*Rabbit Lake, (T.66, R.6): 1B, 2A, 3B;
- (87) \*Rainy Lake, (T.70, 71, R.18, 19, 20, 21, 22, 23): 1B, 2B, 3A;
- (88) \*Raven Lake (Lynx Lake), (T.64, R.6): 1B, 2A, 3B;
- (89) \*Red Rock Lake, (T.65, 66, R.5): 1B, 2A, 3B;
- (90) \*Ruby Lake, Big, (T.66, R.14): 1B, 2A, 3B;
- (91) \*Saganaga Lake, (T.66, 67, R.4, 5): 1B, 2A, 3B;
- (92) \*Saganaga Lake, Little, (T.64, R.5, 6): 1B, 2A, 3B;
- (93) \*Sand Point Lake, (T.68, 69, R.16, 17): 1B, 2A, 3A;
- (94) \*Sea Gull Lake, (T.65, 66, R.4, 5): 1B, 2A, 3B;
- (95) \*Sema Lake (Coon Lake), (T.65, R.7): 1B, 2A, 3B;
- (96) \*Snowbank Lake, (T.63, 64, R.8, 9): 1B, 2A, 3B;
- (97) \*Spoon Lake (Fames Lake), (T.65, R.7): 1B, 2A, 3B;
- (98) \*Spring Lake, (T.68, R.18): 1B, 2A, 3B;
- (99) \*Strup Lake, (T.64, R.7): 1B, 2A, 3B;
- (100) \*Sumpet Lake, (T.61, R.7): 1B, 2B, 3B;
- (101) \*Takucmich Lake, (T.67, 68, R.14): 1B, 2A, 3B;
- (102) \*Tarry Lake, (T.64, R.5): 1B, 2A, 3B;
- (103) \*Thomas Lake, (T.63, 64, R.7): 1B, 2A, 3B;
- (104) \*Thumb Lake, (T.67, R.14): 1B, 2A, 3B;
- (105) \*Topaz Lake (Star Lake), (T.65, R.6): 1B, 2A, 3B;
- (106) \*Town Lake, (T.63, 64, R.3, 4): 1B, 2A, 3B;
- (107) \*Trout Lake, Big, (T.63, 64, R.15, 16): 1B, 2A, 3B;
- (108) \*Trout Lake, Little (Pocket Lake), (T.68, R.17): 1B, 2A, 3B;
- (109) \*Tucker Lake, (T.64, R.3): 1B, 2B, 3B;
- (110) \*Tuscarora Lake, (T.64, R.4, 5): 1B, 2A, 3B;
- (111) \*Vera Lake, (T.64, R.8): 1B, 2A, 3B;
- (112) \*Virgin Lake, (T.64, R.5): 1B, 2A, 3B;

- (113) \*Wine Lake, (T.63, R.5): 1B, 2A, 3B;
- (114) \*Wisini Lake, (T.64, R.7): 1B, 2A, 3B;
- (115) Lake of the Woods, (T.161, 162, 163, 164, 165, 166, 167, 168, R.30, 31, 32, 33, 34, 35): 1B, 2B, 3A;
- (116) Unnamed Swamp, Winton, (T.63, R.11, S.19; T.63, R.12, S.24): 7;
- (117) \*All other lakes in the Boundary Waters Canoe Area Wilderness: 1B, 2B, 3B; and
- (118) \*All other lakes in the Voyageurs National Park: 2B, 3B.

Subp. 3. **Red River of the North Basin.** The water use classifications for the listed waters in the Red River of the North Basin are as identified in items A ~~and~~, B, and C:

A. [Unchanged.]

B. Lakes:

- (1) Lake Bronson, (T.160, 161, R.46): 1C, 2B, 3B;
- (2) \*Twin Lake, East, (T.138, R.41): 1B, 2A, 3B;
- (3) Unnamed Slough, Vergas, (T.137, R.40, S.18; T.137, R.41, S.13, 24): 7; and
- (4) \*Green Water Lake, (Waters within the Green Water Lake Scientific and Natural Area, Becker County, T.141, R.38, S.28, 33, 34): 2B, 3B.

C. Fens:

- (1) \*B-B Ranch Fen, (T.141, R.46, S.13): 2B, 3B;
- (2) \*Barnesville WMA Fen, (T.137, R.45, S.1): 2B, 3B;
- (3) \*Chicog WMA Fen, (T.148, R.45, S.20, 29, 33): 2B, 3B;
- (4) \*Clearbrook Fen, (T.149, R.37, S.17): 2B, 3B;
- (5) \*Felton Fen, (T.142, R.46, S.36): 2B, 3B;
- (6) \*Kertsonville WMA Fen, (T.149, R.45, S.16): 2B, 3B;
- (7) \*Pankratz Fen (Svedarsky's Fen), (T.149, R.45, S.17): 2B, 3B;
- (8) \*Pembina Trail Preserve, (Waters within the Pembina Trail Preserve Scientific and Natural Area, Polk County, S.1, 2, T.148, R.45; S.18, 19, 30, 31, T.149, R.44; S.13, 24, 25, 36, T.149, R.45): 2B, 3B;
- (9) \*Primula Meadow (Faith Fen), (T.144, R.43, S.25): 2B, 3B;
- (10) \*Spring Creek Fen, (T.142, R.42, S.13): 2B, 3B;
- (11) \*Spring Prairie Fen, (T.140, R.46, S.11): 2B, 3B; and
- (12) \*Waubun Fen, (T.143, R.42, S.25): 2B, 3B.

Subp. 4. **Upper Mississippi River Basin.** The water use classifications for the listed waters in the Upper Mississippi River Basin are as identified in items A and B:

A. Streams:

- (1) to (19) [Unchanged.]
- ~~(20) Bunker Hill Creek, Little Rock, Little Rock Coop Cry., (T.39, R.30, S.31, 32, 33): 7;~~
- (21) to (88) [Renumber as (20) to (87).]
- ~~(89) Sandy River, McGregor, (T.48, R.23, S.19, 29, 30; T.48, R.24, S.13, 24): 7;~~
- (90) to (147) [Renumber as (88) to (145).]

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## Proposed Rules

---

---

### B. Lakes:

- (1) Bald Eagle Lake, (T.30, 31, R.21, 22): 1C, 2B, 3B;
- (2) \*Benedict Lake, (T.142, R.32): 1B, 2A, 3B;
- (3) \*Blue Lake, (T.46, 47, R.27): 1B, 2A, 3B;
- (4) \*Blue Lake, (T.141, R.34): 1B, 2A, 3B;
- (5) \*Bluewater Lake, (T.57, R.25): 1B, 2A, 3B;
- (6) Centerville Lake, (T.31, R.22): 1C, 2B, 3B;
- (7) Charley Lake, (T.30, R.23): 1C, 2B, 3B;
- (8) Deep Lake, (T.30, R.22): 1C, 2B, 3B;
- (9) \*Hay Lake, Lower, (T.137, R.28, 29): 1B, 2A, 3B;
- (10) \*Kabekona Lake, (T.142, 143, R.32, 33): 1B, 2A, 3B;
- (11) \*Kennedy Lake, (T.58, R.23): 1B, 2A, 3B;
- (12) \*LaSalle Lake, Lower, (T.145, R.35): 1B, 2A, 3B;
- (13) Otter Lake, (T.30, 31, R.22): 1C, 2B, 3B;
- (14) Pleasant Lake, (T.30, R.22, 23): 1C, 2B, 3B;
- (15) \*Pokegama Lake, (T.54, 55, R.25, 26): 1B, 2A, 3B;
- (16) \*Roosevelt Lake, (T.138, 139, R.26): 1B, 2A, 3B;
- (17) Sucker Lake, (T.30, R.22): 1C, 2B, 3B;
- (18) \*Trout Lake, (T.55, 56, R.24): 1B, 2A, 3B;
- (19) \*Trout Lake, Big, (T.57, 58, R.25): 1B, 2A, 3B;
- (20) \*Trout Lake, Big, (T.137, 138, R.27, 28): 1B, 2A, 3B;
- (21) \*Trout Lake, Little, (T.57, R.25): 1B, 2A, 3B;
- (22) Unnamed Swamp, Flensburg, (T.129, R.31, S.25): 7;
- (23) Unnamed Slough, Miltna, (T.130, R.37, S.26, 35, 36): 7;
- (24) Unnamed Swamp, Staples, (T.133, R.33, S.1): 7;
- (25) Unnamed Swamp, Taconite, (T.56, R.24, S.22): 7;
- (26) Vadnais Lake, (T.30, R.22): 1C, 2B, 3B;
- (27) \*Wabana Lake, (T.57, R.25): 1B, 2A, 3B;
- (28) \*Watab Lake, Big, (T.124, R.30): 1B, 2A, 3B; and
- (29) Wilkinson Lake, (T.30, R.22): 1C, 2B, 3B.

Subp. 5. **Minnesota River Basin.** The water use classifications for the listed waters in the Minnesota River Basin are as identified in items A and B, and C:

#### A. Streams:

- (1) to (21) [Unchanged.]
- (22) Cottonwood Creek (excluding trout waters), (T.119, 120, 121, R.41, 42): 2C;
- (23) to (160) [Unchanged.]

#### B. [Unchanged.]

#### C. Fens:

- (1) \*Blackdog Preserve, (Waters within the Blackdog Preserve Scientific and Natural Area, Dakota County, T.27, R.24, S.27, 34): 2B, 3B;
- (2) \*Fish Hatchery Fen, (T.110, R.26, S.14): 2B, 3B;
- (3) \*Fort Ridgely Fen, (T.111, R.32, S.6): 2B, 3B;

- (4) \*Fort Snelling State Park Fen, (T.27, R.23, S.4): 2B, 3B;
- (5) \*Le Sueur Fen, (T.111, R.26, S.16): 2B, 3B;
- (6) \*Minnesota Valley Fen, (T.27, R.24, S.27, 34): 2B, 3B;
- (7) \*Nicols Meadow Fen, (T.27, R.23, S.18): 2B, 3B;
- (8) \*Ordway Fen, (T.143, R.42, S.25): 2B, 3B;
- (9) \*St. Peter Fen, (T.110, R.26, S.11): 2B, 3B;
- (10) \*Savage Fen, (T.115, R.21, S.16, 17): 2B, 3B;
- (11) \*Sioux Nation Fen, (T.114, R.46, S.17): 2B, 3B;
- (12) \*Truman Fen, (T.104, R.30, S.7): 2B, 3B; and
- (13) \*Yellow Medicine Fen, (T.115, R.46, S.18): 2B, 3B.

Subp. 6. **Saint Croix River Basin.** The water use classifications for the listed waters in the Saint Croix River Basin are as identified in items A and B:

A. [Unchanged.]

B. Lakes:

- (1) \*Grindstone Lake, (T.42, R.21): 1B, 2A, 3B;
- (2) Unnamed Swamp, Shafer, (T.34, R.19, S.31, 32): 7; and
- (3) \*Boot Lake, (Waters within the Boot Lake Scientific and Natural Area, Anoka County, T.33, R.22): 2B, 3B.

Subp. 7. **Lower Mississippi River Basin.** The water use classifications for the listed waters in the Lower Mississippi River Basin are as identified in items A and, B, and C:

A. Streams:

- (1) to (16) [Unchanged.]
- (17) Judicial Ditch No. 1, Hayfield, (T.105, R.17, S.4, 5; T.106, R.17, S.31, 32; T.106, R.18, S.25, 26, 27, 36): 7;
- (17) to (41) [Renumber as (18) to (42).]
- (43) Unnamed Creek, Hayfield, (T.105, R.17, S.3, 4): 7;
- (42) to (49) [Renumber as (44) to (51).]

B. Lakes:

- (1) Unnamed Marsh, Kilkenny, (T.110, R.23, S.22, 23): 7; and
- (2) Unnamed Swamp, Hampton, (T.113, R.18, S.8): 7.

C. Fens:

- (1) \*Cannon River Fen, (T.111, R.20, S.34): 2B, 3B;
- (2) \*Kennedy Fen, (T.105, R.7, S.15): 2B, 3B;
- (3) \*Rock Dell Fen, (T.105, R.15, S.16): 2B, 3B; and
- (4) \*Perched Valley WMA Fen, (T.112, R.13, S.8): 2B, 3B.

Subp. 8. **Cedar-Des Moines Rivers Basin.** The water use classifications for the listed waters in the Cedar-Des Moines Rivers Basin are as identified in items A and B:

A. [Unchanged.]

B. Fens:

- (1) \*Heron Lake Fen, (T.103, R.36, S.29): 2B, 3B;

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. **Strike outs** indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. **Strike outs** indicate deletions from proposed rule language.

## Proposed Rules

---

---

(2) \*Prairie Bush Clover, (Waters within the Prairie Bush Clover Scientific and Natural Area, Jackson County, T.103, R.35, S.17); 2B, 3B; and

(3) \*Thompson Fen, (T.103, R.35, S.7); 2B, 3B.

Subp. 9. [Unchanged.]

**RENUMBERING INSTRUCTION.** Renumber Minnesota Rules, part 7050.0210, subparts 6, 6a, and 6b as part 7050.0211; 7050.0210, subpart 8 as part 7050.0213; 7050.0210, subpart 16 as part 7050.0214; and 7050.0480 as part 7050.0465.

**REPEALER.** Minnesota Rules, parts 7050.0210, subpart 11, 7065.0300, 7065.0310, 7065.0320, 7065.0330, 7065.0340, 7065.0350, 7065.0400, 7065.0410, 7065.0420, 7065.0430, 7065.0440, and 7065.0450, are repealed.

## OFFICIAL NOTICES

---

---

Pursuant to the provisions of Minnesota Statutes § 14.10, an agency, in preparing proposed rules, may seek information or opinion from sources outside the agency. Notices of intent to solicit outside opinion must be published in the *State Register* and all interested persons afforded the opportunity to submit data or views on the subject, either orally or in writing.

The *State Register* also publishes other official notices of state agencies, notices of meetings, and matters of public interest.

## Minnesota Attorney General's Office

### Consumer Protection Division

### Notice of Mandatory Registration of Health, Dating and Buying Clubs with the Attorney General's Office

All health, social referral and buying clubs doing business in Minnesota must register with the Minnesota Attorney General's Office beginning July 1, 1987, as mandated by Minn. Stat. § 325G.27 (1987). In addition, the law requires that all health, social referral and buying clubs provide all information requested in forms provided by the Attorney General.

The registration materials will be mailed to all clubs which have previously filed a surety bond or an affidavit with the Minnesota Attorney General's Office. If a club has not filed a bond or an affidavit, contact Jan Thell, Legal Assistant, Consumer Protection Division, at (612) 297-1878 to receive the materials.

## Department of Transportation

### Petition of the City of Hopkins for a Variance from State Aid Standards for Street Width.

Notice is hereby given that the City Council of the City of Hopkins has made a written request to the Commissioner of Transportation pursuant to Minnesota Rules § 8820.3300 for a variance from minimum standards for a reconstruction project on MSAS 346 (Eleventh Avenue) under the Soo Line Railroad.

The request is for a variance from Minnesota Rules for State Aid Operations § 8820.9912 adopted pursuant to Minnesota Statutes Chapter 161 and 162, so as to permit a street width of 48' with no parking instead of the required width of 52' with no parking.

Any person may file a written objection to the variance request with the Commissioner of Transportation, Transportation Building, St. Paul, Minnesota 55155.

If a written objection is received within 20 days from the date of this notice in the *State Register*, the variance can be granted only after a contested case hearing has been held on the request.

Dated: 26 June 1987

Leonard W. Levine  
Commissioner of Transportation

# STATE CONTRACTS AND ADVERTISED BIDS =====

Pursuant to the provisions of Minn. Stat. § 15.0412, subd. 6, an agency must make reasonable effort to publicize the availability of any services contract or professional and technical services contract which has an estimated cost of over \$2,000.

Department of Administration procedures require that notice of any consultant services contract or professional and technical services contract which has an estimated cost of over \$10,000 be printed in the *State Register*. These procedures also require that the following information be included in the notice: name of contact person, agency name and address, description of project and tasks, cost estimate, and final submission date of completed contract proposal. Certain quasi-state agencies are exempted from some of the provisions of this statute.

Commodities contracts with an estimated value of \$15,000 or more are listed under the Procurement Division, Department of Administration. All bids are open for 7-10 days before bidding deadline. For bid specifics, time lines, and other general information, contact the appropriate buyers whose initials appear in parentheses next to the commodity for bid, by calling (612) 296-6152.

## Department of Administration: Procurement Division

### Contracts and Requisitions Open for Bid

Call 296-6152 for Referral to Specific Buyers, whose initials are next to each commodity.

Commodity for Bid (and Buyer)	Bid Closing Date at 2 pm	Department or Division	Delivery Point	Requisition #
CAD system (PA)	July 8	Transportation	St. Paul	79050 19326
Workstation (PA)	July 8	Transportation	St. Paul	79000 74406
Subsystem upgrade (PA)	July 8	State Planning	St. Paul	30000 16313
Microfilm equipment (DRT)	July 8	State University	Moorhead	26072 10328
Rubbish disposal (JS)	July 8	State University	Winona	Price Contract 26074 11604
IBM equipment (PA)	July 8	State University	Moorhead	26072 10254
Monitors (PA)	July 8	State University	Moorhead	26072 10267
RAM for DG equipment (PA)	July 8	State University	Moorhead	26072 10236
Snow removal (JS)	July 8	Community College	Mpls	Price Contract 27156 10144
Rubbish disposal (JS)	July 8	State University	Marshall	Price Contract 26175 07138
AV equipment (PA)	July 9	State University	St. Cloud	26073 19739
Video equipment (PA)	July 9	State University	Moorhead	26072 10268
Sony equipment (PA)	July 9	State University	Moorhead	26072 10260
Sony equipment (PA)	July 9	State University	Moorhead	26072 10270
Computer equipment (PA)	July 10	State University	St. Cloud	26073 19695
Meat & meat products for August 1987 (LP)	July 10	Various	Various	Various Various
Intel workstations (PA)	July 10	State University	St. Cloud	26073 19833
Aerial photography services (DRT)	July 13	Natural Resources	Grand Rapids	29002 13642
Computer assisted collection sys- tem (DO)	July 13	Revenue	St. Paul	Price Contract
Hewlett Packard equipment (PA)	July 13	State University	St. Cloud	26073 19840
Sun computer system (PA)	July 13	State University	St. Cloud	26073 19846
Epson computers (PA)	July 13	State University	St. Cloud	26073 19870
NEC Powermate (PA)	July 13	State University	St. Cloud	26073 19880
Grader blades & snow cutting edges (DRT)	July 14	Various	Various	Schedule 124 B
Lease of food service equipment (EFS)	July 14	Human Services	Faribault	B 55303 12015

**KEY: PROPOSED RULES SECTION** — Underlining indicates additions to existing rule language. ~~Strike outs~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **ADOPTED RULES SECTION** — Underlining indicates additions to proposed rule language. ~~Strike outs~~ indicate deletions from proposed rule language.

## STATE CONTRACTS & ADVERTISED BIDS

Commodity for Bid (and Buyer)	Bid Closing Date at 2 pm	Department or Division	Delivery Point	Requisition #
IBM computers (PA)	July 14	State University	Winona	26074 11317
Tools, cutting, misc. (DRT)	July 15	Various	Various	Price Contract
Lease of food service equipment (EFS)	July 15	Human Services	Willmar	B 55106 06658
Exercise equipment (DM)	July 15	State University	Mankato	26071 17638
Rotenone (DK)	July 15	Natural Resources	Various	Price Contract
Intergraph equipment upgrade (PA)	July 15	Transportation	St. Paul	79000 74337

### Department of Administration: Printing & Mailing Services

Printing vendors for the following printing contracts must review contract specifications in printing buyers office at 117 University Avenue, Room 134-B, St. Paul, MN.

Commodity for Bid (and Buyer)	Bid Due Date at 2 pm	Department or Division	Delivery Point	Requisition #
Class schedules	July 13	Community College	Bloomington	7656 26156 10158

### Office of Jobs Policy Coordination

#### Request for Proposal for Coordination and Consulting Services for the AFDC Self-Employment Investment Demonstration Project

The Office of Jobs Policy Coordination is seeking the services of a professional person with small business and administrative experience and familiarity with welfare programs to provide the following consulting and coordination services: development of request for proposal process; development of support service delivery system; designing in-service training program and materials for professional service staff; designing operational manuals; technical assistance to service providers; on self-employment initiatives; technical assistance on federal and technical regulation waivers; implementation planning; research and evaluation; technical assistance to review board; fund-raising; strategies for micro-business capitalization; material preparation on project operations for national distribution and general project coordination and consulting services. The consultant will work with a management team of persons from the Department of Jobs & Training, Department of Human Services, Department of Trade and Economic Development, and the Office of Jobs and Policy Coordination. The estimated cost of this contract is \$31,000 for one year, half-time or on the average 20 hours per week.

For additional information, contact:

Steve Rhodes  
Office of Jobs Policy Coordination  
375 Jackson Street, Suite 475  
St. Paul, Minnesota 55101  
Phone: (612) 296-3274

A resume and proposals for the above contract must be submitted no later than Monday, July 20, 1987, by 4:00 p.m.

## **Minnesota Higher Education Coordinating Board**

### **Notice of Request for Proposals to Produce Videotape**

The Minnesota Higher Education Coordinating Board is seeking to contract for the production of a videotape on paying for post-secondary education. For a copy of the Request for Proposals, please contact:

Communications Office  
MHECB  
400 Capitol Square Building  
550 Cedar Street  
St. Paul, Minnesota 55101

Proposals must be submitted by July 22, 1987.

## **Iron Range Resources and Rehabilitation Board**

### **RFP for Assistance with Giants Ridge Advertising Program**

The IRON RANGE RESOURCES AND REHABILITATION BOARD requests proposals from qualified agencies or individuals to provide input, assistance, and expertise in the advertising and marketing of the Giants Ridge Ski Area.

#### **PROJECT SCOPE AND WORK PROGRAM**

The IRON RANGE RESOURCES AND REHABILITATION BOARD requests that respondents explain their proposed plans and ideas to assist Giants Ridge with their advertising and marketing. The following areas are to be considered:

1. Supplying of all camera ready art work for outdoor and print ads.
2. Typesetting of all copy.
3. Assisting in the copywriting of television and radio advertisements.
4. Assisting in the media buying process.

#### **COST OF CONTRACT**

The cost of this contract for all services and for all costs, direct and indirect, shall not exceed \$50,000.00, including the cost of any advertising purchased by the contractor for Giants Ridge.

#### **SUBMISSION OF PROPOSALS**

Completed proposals should be mailed or delivered to:

IRON RANGE RESOURCES AND REHABILITATION BOARD  
Highway #53 South, P.O. Box 441  
Eveleth, MN 55734  
218-744-2993

Proposals responding to the RFP must be received by: 4:30 p.m., Tuesday, July 28, 1987.

Late proposals will not be accepted. Please provide one original and seven copies. Each copy of the proposal must have an original signature of the individual or authorized member of the responding agency, sealed in mailing envelopes or packages with the respondent's name and address clearly written on the outside. Such envelopes or packages should be stamped in bold letters, **GIANTS RIDGE ADVERTISING PROPOSAL—DO NOT OPEN**.

The IRON RANGE RESOURCES AND REHABILITATION BOARD shall not be responsible for any costs incurred in responding to the RFP.

#### **STATUTORY PROPOSAL REQUIREMENTS**

1. A copy of the firm's current certificate issued by the Commissioner of Human Rights.
2. A statement certifying that the firm has a current Certificate of Compliance issued by the Commissioner of Human Rights.
3. A statement certifying that the firm has not had more than 20 full-time employees in Minnesota at any time during the previous 12 months.

Any questions concerning a Certificate of Compliance may be referred to the Contract Compliance Unit of the Minnesota Department of Human Rights at (612) 296-5663.

## STATE CONTRACTS & ADVERTISED BIDS

---

**WORKER'S COMPENSATION**—In accordance with the provisions of Minnesota Statutes, 1981 Supplement, Section 176.182, the IRRRB will affirm that the agency has provided acceptable evidence of compliance with the Worker's Compensation Insurance Coverage Requirement of Minnesota Statutes, 1981 Supplement, Section 176.181, Subdivision 2.

### TENTATIVE PROPOSAL/CONTRACT TIMELINES

Publication in *State Register*: Monday, July 6, 1987

Response Period: Tuesday, July 7, 1987—4:30 p.m., Tuesday, July 28, 1987

Tentative Respondent Interviews: Week of August 3, 1987

Anticipated Date of Contract Award: August 15, 1987

Term of Contract: August 15, 1987—March 15, 1988

### CANCELLATION OF SOLICITATION

This request for proposal does not obligate the IRRRB to complete the project, and the IRRRB reserves the right to cancel the solicitation if it is considered to be in its best interest.

For further information and formal RFP documents, contact Giants Ridge, P.O. Box 190, Biwabik, Minnesota 55708, Jeff Spolar at 218-865-4143.

## Department of Public Services

### Request for Proposal for Consultants to Review a Study Submitted by Northern States Power Company

#### I. INTRODUCTION

The Minnesota Department of Public Service is soliciting proposals from qualified consultants to review a study submitted by Northern States Power Company. The study addresses the current cost of decommissioning three nuclear power plants owned and operated by Northern States Power Company in Minnesota.

#### II. QUALIFICATIONS OF RESPONDENTS

Qualified respondents must be able to demonstrate expertise and experience in the estimation of demolition costs for electric power plants and other buildings and structures. Demonstrated demolition experience without significant cost overruns is required.

A background in engineering with electric industry experience, especially the nuclear power industry, is preferable. Experience in construction, demolition or the supervision of demolition subcontractors is desirable. Experience presenting testimony before one or more public utility commissions in the United States or Canada and the U.S. Nuclear Regulatory Commission would be helpful, but is not a strict condition of acceptance.

#### III. SCOPE OF THE PROJECT

##### A. Duration of the Project

The Department would like to initiate this project before September 1, 1987. It is possible that the results of this project would be used as evidence in a contested hearing at a later date. Any expert testimony that would originate from this project would be due in accordance with the schedule given below. Any expert testimony that might be required later would be arranged under separate contract.

##### B. Tasks to be Performed

The Department's objective in this project is to have an independent expert evaluate Northern States Power Company's demolition cost study for its nuclear power plants at Monticello and Prairie Island, Minnesota. To this end the consultant will be expected to perform the following tasks:

Phase I—Initial Contract (from September 1, 1987 to December 1, 1987)

1. Review the study submitted by Northern States Power Company, placing particular attention on the cost factors assigned to each task category.

2. Provide alternative estimates of the cost factors assigned to each task, where appropriate.

3. Provide suggestions that would standardize cost categories so that decommissioning studies provided in the future would be compared easily to the study which is being reviewed now. This should include recommendations regarding the appropriate contingency factors to be applied to each cost category. Recommendations should conform to the greatest extent possible to the methods

---

---

## STATE CONTRACTS & ADVERTISED BIDS

outlined by the Atomic Industrial Forum in its publication, *Guidelines for Producing Commercial Nuclear Power Plant Decommissioning Cost Estimates*.

4. Work closely with designated members of the Department staff to assure compliance with the goals of the Department. Department staff will assist the consultant, as necessary, in obtaining required information from Northern States Power Company. The consultant will provide designated staff a progress report every two weeks throughout the duration of the project.

5. Provide a written report signed by a Registered Professional Engineer of the results of the study review. This should include thorough documentation of each issue raised in the review. Contractor shall, upon request, provide the Department with annotated copies of all working papers.

Phase II (under separate contract)

6. If the Department decides that this analysis indicates that Northern States' decommissioning cost estimate warrants a critical review in a contested hearing, the consultant, as a member of the Department's staff participating in that proceeding, will:

- a) Discover and develop issues related to the company's current cost estimate, preparing discovery requests as necessary.
- b) Assist Department counsel in the preparation of cross-examination of company and intervenor witnesses.
- c) Develop and deliver prefiled direct, rebuttal and/or surrebuttal testimony on issues relating to the current cost of decommissioning Northern States Power Company's nuclear plants. Be available for cross-examination in a contested hearing, if needed.
- d) Assist Department counsel in its preparation of briefs related to issues developed in testimony.

#### IV. PROPOSAL CONTENTS

The following will be considered minimum contents of the consultant's proposal.

1. A qualifications statement of the consultant's background and experience in preparing and reviewing cost estimates for decommissioning electric power plants.
2. A restatement of the objectives and task of the project to illustrate the consultant's understanding of the proposal.
3. Identification of all personnel who will perform each task, their training and experience. No change in personnel assigned to this project will be permitted without advance approval of the Department's project manager. Assurance must be given that personnel who conduct the project will be available under a separate contract to fulfill any duties as an expert witness.
4. A detailed work plan which identifies in specific terms all the tasks to be performed with cost estimates for each. This should include estimates of the amount of time expected to be worked by each analyst, the hourly rate for each analyst, and expenses for travel and supplies.
5. Copies of recently delivered testimony or studies regarding the tasks described above or similar tasks.

#### V. SUBMISSION OF PROPOSALS

Responses to this proposal are due by August 14, 1987 and should be addressed to:

Dr. Nelson J. Updaw  
Minnesota Department of Public Service  
790 American Center Building  
150 East Kellogg Boulevard  
St. Paul, Minnesota 55101  
612/296-7130

The Department does not expect the cost of proposals for Phase I to exceed \$30,000. However, under MN Stat. 363.073, any proposal over \$50,000 from a company who has had during the past year 20 or more full-time employees in Minnesota, must furnish a Certificate of Compliance from the Minnesota Department of Human Rights, or a notarized statement that the company has a Certificate of Compliance.

Late proposals will not be accepted. The proposal must be signed by an authorized member of the firm. Prices and terms of the proposal as stated must be valid for the length of the project. These should include any work related to testifying in a later proceeding. Prospective responders who have questions concerning this request for proposal may call Dr. Updaw.

# SUPREME COURT DECISIONS

---

---

## Decisions Filed Friday, 26 June 1987

### Compiled by Wayne O. Tschimperle, Clerk

#### **C1-86-795** Mark A. Phipps v. Clark Oil & Refining Corporation, et al., petitioners, Appellants. Court of Appeals.

When an at-will employee is discharged for refusing to violate the law, that employee may bring a wrongful discharge action against the employer.

The trial court erred in granting judgment on the pleadings with respect to the defamation claim.

Affirmed. Scott, J.

#### **C4-85-2319** State of Minnesota, petitioner, Appellant, v. Luis Candalario Mitjans. Court of Appeals.

Trial court in murder prosecution did not err in (a) in admitting extrajudicial statements to police by Spanish-speaking defendant, (b) in concluding that interpretation of defendant's trial testimony was sufficiently accurate, (c) in instructing the jury as it did on self defense, (d) in refusing to submit culpably negligent manslaughter, (e) in departing from presumptive sentence for felony murder or (f) in imposing consecutive sentence for assault committed against a different victim at the same time as the murder.

Reversed and judgment of conviction reinstated. Coyne, J.

## Orders

#### **C5-86-1996** In the Matter of the Application for the Discipline of Jerrold M. Hartke, an Attorney at Law of the State of Minnesota. Supreme Court.

Publicly reprimanded. Amdahl, C.J.

# ANNOUNCEMENTS

---

---

**Environmental Quality Board (EQB) Environmental Assessment Worksheets (EAWs)** due July 29, 1987: Minnesota Intra-state Transmission Systems, Environmental Quality Board; Edenvale Conservancy Area Nature Trail, City of Eden Prairie; North Beach Camping Preserves, Inc., Hubbard County; Wedgewood Commerce Centre, City of Maple Grove. A meeting will be held concerning the Koch Refining Company's New Land Treatment Facility on Wednesday 15 July at 7 p.m. in the City Council Chambers, Rosemount City Hall, 2875-145th Street West, Rosemount. Petitions against the following projects have been filed: Sand Point Circle Development Project, Cass County; and 18-21st Avenue, South St. Paul, Inver Grove Heights. A **Final Environmental Impact Statement** Notice was issued for the Normandy Block Project with a public meeting scheduled for July 13, 1987 at 4 p.m. in Room 210 A City Hall, Minneapolis. A **Draft Environmental Impact Statement** on the Winger Dam is being called by the DNR with a meeting scheduled Tuesday 21 July 1987 at the Winger Community Center in Winger, from 7-9 p.m. The comment period will end August 4, 1987. A special local need registration has been submitted by the University of Minnesota and Chevron Chemical Company to use statewide the herbicide "Diquat Herbicide-H/A" EPA registration number 239-1663 permitting its use as a preharvest desiccant in birdsfoot trefoil. The Minnesota Pollution Control Agency proposes to issue a 5-year **Certificate of Exemption** allowing continued use of PCB with various controls, inspections, and removal schedules on utility poles throughout power distribution areas, in buildings and in outdoor power substations. Call Greg Downing at (612) 296-8253 for information on any of the above.

**Department of Jobs & Training** The Minneapolis-St. Paul metropolitan area's unemployment rate in May dipped to 3.6 percent, down from 3.7 percent in April and 4.0 percent in May, 1986. The comparable national unemployment rate for May was 6.1 percent. The statewide unemployment rate in May was 4.4 percent (figures not adjusted for seasonal variations). The gain in the labor force was a modest improvement because of the season. Manufacturing jobs rose only slightly in May, with noticeable gains in construction, retail trade and the services sector especially business services. Compared with May a year ago the size of the Twin Cities metropolitan area civilian labor force increased by 2.2 percent; the number of employed persons increased by 2.6 percent; and the number of unemployed workers decreased by 8.0 percent. The metropolitan area labor force in May was 1,333,900, up 7,800 from April, and 28,900 above May of last year. The number of persons employed in May was 1,285,500, up 8,600 from April, and up 33,100 from May a year ago. The number of unemployed persons in the Twin Cities area in May was 48,400, down 800 from April, and down 4,200 from May a year ago.

**Department of Natural Resources (DNR)** The DNR's Forestry Division is seeking Black Walnut "Plus" Trees to use as part of its genetic improvement program. Black walnut is a highly valued tree found mainly in eastern and central hardwood forests, but also extending westerly into southern Minnesota. One aspect of the program is the selection of superior trees, known as "plus" trees, from natural stands and plantations. Walnut "plus" trees are fast-growing, straight, disease free and have long, unbranched trunks. Selected trees are cloned by grafting to provide a basis for breeding and seed pro-

duction. Because of limited state land in southern Minnesota, the Division of Forestry is soliciting candidate walnut "plus" trees on private land. Persons who believe they may have a walnut "plus" tree they would like to include in the program, are urged to contact their local district forester, or call 1-800-652-9747. A forester will inspect and grade your tree and, if it is graded superior, a crew of foresters will return in late winter to collect material for grafting. "Plus" trees are especially needed in Olmsted, Wabasha, Goodhue, Rice, LeSueur, Nicollet, Blue Earth, Faribault, Waseca, Steele, Dodge, Mower and Freeborn counties.

### **Murder: Minnesota style**

**Murder in Minnesota** is a treasury of vintage crimes. Characters, some famous, some obscure, come to life in all their cleverness or murderous madness. Minnesota cases from 1858-1917. 253 pp. photos, index. Code 17-35, \$5.95.

**Robber and Hero** On September 7, 1876 six members of the James-Younger gang blasted their way out of Northfield, Minnesota. George Huntington's classic account of the Northfield Bank raid is as fascinating today as it was when first published 19 years after the attempted robbery. 125 pp., charts, maps, photos, with index. Code 17-40, \$5.95.

**Secrets of the Congdon Mansion** The prosecutor called it a crime of greed. A complex, intriguing murder case, set in one of Minnesota's most spectacular mansions, and now a top Minnesota tourist attraction on Duluth's famous Lake Superior North Shore Drive. By Joe Kimball, 64 pp., drawings. Code 19-56, \$4.95.

TO ORDER: Send to Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155, (612) 297-3000, or toll-free in Minnesota: 1-800-652-9747 and ask for "DOCUMENTS." Please include 6% sales tax, and \$1.50 postage and handling. Prepayment required. Please include daytime phone. VISA/MasterCard orders accepted over phone.

Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.

## **Human Services Laws and Rules**

### **Human Services Laws 1986**

An extract from the statutes. Includes legislative amendments and additions from the most recent session. Code No. 2-56. \$20.00

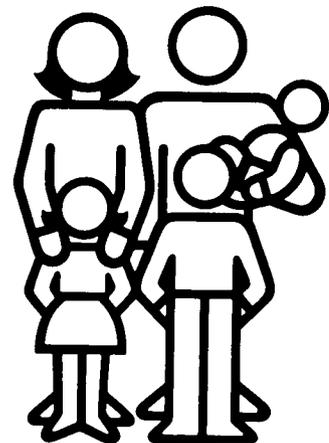
### **Human Services Rules** as in effect July 7, 1986

Rules governing assistance programs, eligibility grant amounts, AFDC and residence requirements. MN Rules Chapter 9500-9580. Code No. 3-95. \$24.95.

**Human Services Rules Supplement 1987.** Includes recent changes to many rules in effect from July 1986 through January 1987. Code #3-95s1, \$14.00.

**3 ring binder.** 2" capacity. 1 required for each of above listed publications. Code No. 10-21. \$4.25.

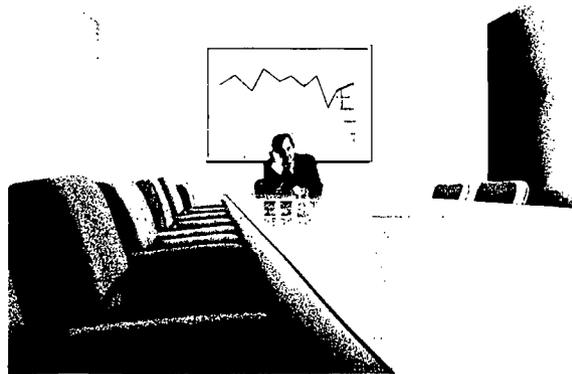
TO ORDER: Send to Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155. (612) 297-3000, or toll-free in Minnesota: 1-800-652-9747 and ask for "DOCUMENTS." Please include 6% sales tax, and \$1.50 postage and handling. Prepayment required. Please include daytime phone. VISA/MasterCard orders accepted over phone.



Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.

# Business and NonProfit Corporation Act

Laws governing establishment and conduct of for-profit and non-profit businesses and corporations. Covers incorporation, bylaws, mergers, dissolution, franchises, and definitions. Laws in effect on January 1, 1985. Contains Minnesota Statutes Chapters 80B, 302A, and 317. Paperbound, 102 papers, Code # 2-87, \$10.00.



TO ORDER: Send to Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155. (612) 297-3000, or toll-free in Minnesota: 1-800-652-9747 and ask for "DOCUMENTS." Please include 6% sales tax, and \$1.50 postage and handling. Prepayment required. Please include daytime phone. VISA/MasterCard orders accepted over phone.

Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.



## Woodworking for Wildlife

*Woodworking for Wildlife*, delightfully written and carefully illustrated with a variety of game bird and mammal box designs. Includes important information on the placement of nests in proper habitat areas and maintenance requirements. Diagrams, 48 pp. Code #9-14, \$6.00.

*Help Minnesota's Wildlife*, feed the birds and give to the Nongame Wildlife Checkoff on your Minnesota Tax Forms. Poster. 22" x 17", full color. Code #9-2, \$4.00.

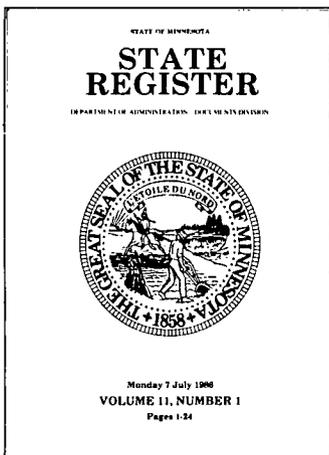
*Fifty Birds of Town and City*, describes the activities and habitats of these birds commonly seen today through full color paintings, Hardbound. 50 pp. Code #16-23, \$7.50.

*Mammals of Minnesota*, discusses wild mammals that inhabit Minnesota today, or in the recent past. Tells how to identify them, their distribution in the state, and their natural history. U of M Press, 1977, illustrated, index, bibliography, paperbound, 290 pp. Code #19-35, \$15.95.

*Bird Portraits in Color*, a total of 295 species of birds are depicted through magnificent illustrations, reproduced in seven-color lithography, accompanied by authoritative information about birds' activities, habitats, songs, and other characteristics, U of M Press, 1980, index, 92 color plates, hardbound. Code #19-41, \$12.95.

TO ORDER: Send to Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155. (612) 297-3000, or toll-free in Minnesota: 1-800-652-9747 and ask for "DOCUMENTS." Please include 6% sales tax, and \$1.50 postage and handling. Prepayment required. Please include daytime phone. VISA/MasterCard orders accepted over phone.

Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.



## We want you to have our business—\$1 billion annually

Each year over \$1 billion in state contracts are awarded. About \$20 million in state contracts per week are advertised in the **State Register**, the most complete listing of state contracts available. Just a *sampling* of contracts includes, consulting services, professional services, technical services, commodities, equipment, supplies, and a wide variety of special services.

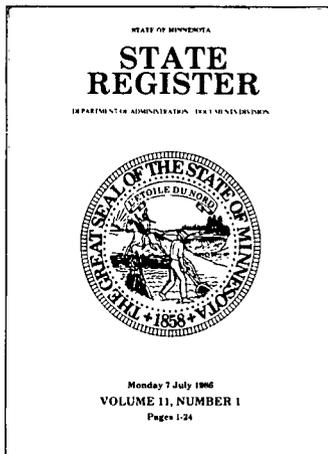
For 50¢ a day, the price of a **Wall Street Journal**, we will deliver to your office the most effective and economical means of tracking state contracts. The smart way to stay in the know, and land the business of state government, is with the **State Register**.

Come blizzard, tornado, flood or earthquake—you'll find important and valuable information for your business you won't find anywhere else. Every Monday, 52 times a year, the **State Register** publishes the most thorough listing of state contracts, and is the only source of state agency rulemaking activity, plus important tax court decisions, official notices, executive orders of the governor, supreme court decisions, and a calendar of scheduled cases to which you can add your "friend of the court" questions.

Could you hire someone to bring all this information to you and your company for so little money? Let us bring you the business of state government. Subscribe to the **State Register** today, or call 296-4273 for more information.

An annual subscription is \$130 and a 13-week trial subscription is \$40. MasterCard/VISA orders can be taken over the phone, otherwise prepayment is required. Send your orders to the Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155.

Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.



## We want you to have our business—\$1 billion annually

Each year over \$1 billion in state contracts are awarded. About \$20 million in state contracts per week are advertised in the **State Register**, the most complete listing of state contracts available. Just a *sampling* of contracts includes, consulting services, professional services, technical services, commodities, equipment, supplies, and a wide variety of special services.

For 50¢ a day, the price of a **Wall Street Journal**, we will deliver to your office the most effective and economical means of tracking state contracts. The smart way to stay in the know, and land the business of state government, is with the **State Register**.

Come blizzard, tornado, flood or earthquake—you'll find important and valuable information for your business you won't find anywhere else. Every Monday, 52 times a year, the **State Register** publishes the most thorough listing of state contracts, and is the only source of state agency rulemaking activity, plus important tax court decisions, official notices, executive orders of the governor, supreme court decisions, and a calendar of scheduled cases to which you can add your "friend of the court" questions.

Could you hire someone to bring all this information to you and your company for so little money? Let us bring you the business of state government. Subscribe to the **State Register** today, or call 296-4273 for more information.

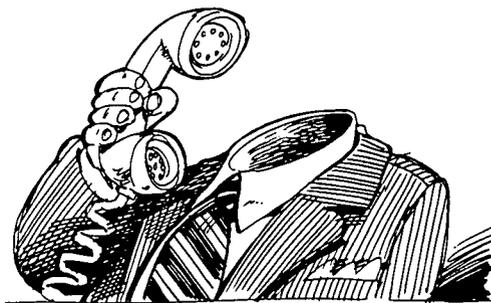
An annual subscription is \$130 and a 13-week trial subscription is \$40. MasterCard/VISA orders can be taken over the phone, otherwise prepayment is required. Send your orders to the Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155.

Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.

## Ever called and been transferred to this guy?

**1987 & 1988 State of Minnesota Telephone Directory.** Get a direct line to the persons you want to speak to. Contains names, numbers, and agencies in the executive, legislative and judicial branches of state government. Four sections give listings alphabetically name, agency, Minnesota region, plus an index for cross referencing. Over 250 pages, paperback, 8½"x11". Code #1-87. \$10.95

**U.S. Government Manual 1986-87.** Contains comprehensive information on federal agencies of the legislative, judicial and executive branches of government. Each agency description includes address, phone number, a list of principal officials, a summary of each agency's purpose and programs and activities. Paperback 940 pages with appendices and index. Code #16-46. \$19.00



**TO ORDER:** Send to Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155. (612) 297-3000, or toll-free in Minnesota: 1-800-652-9747 and ask for "Documents." Make checks payable to the State of Minnesota. Please include 6% sales tax, and \$1.50 for postage and handling. Prepayment required. Please include daytime phone. VISA/MasterCard orders accepted over phone.

Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.

## Department of Commerce Regulated Profession Publications

**Banking Laws 1986.** Complete text of state law governing banks, trust companies and other financial institutions. Code #2-76 \$29.95

**Business and Nonprofit Corporation Act 1986.** Laws governing establishment and conduct of for-profit and non-profit corporations in Minnesota. Chapters 80B, 302A, 317. Code #2-87 \$10.00

**Fair Labor Standards Act 1985.** Minimum wage and overtime compensation standards for employers. Chapter 177. Code #2-75 \$3.50

**Insurance Laws 1986.** A compendium of laws applicable to the insurance business. Includes chapters on company and individual agents licensing requirements. Code #2-1 \$14.95

**Insurance Rules 1986.** Essential licensing information for businesses and agents. Includes standards on policies, practices, marketing and continuing education. Code #3-1 \$14.00

**Notary Public Laws 1986.** Statutory requirements regarding the oath of office, necessary bond, and taking of depositions. Includes an explanation of the term of the office and procedures for removal from office. Code #2-13 \$4.00

**Real Estate Laws 1986.** Complete and up-to-date extract from the 1986 Minnesota Statutes. Code #2-92 \$5.00

**Real Estate Rules 1986.** Contains all education and licensing requirements for agents. Chapters 2800, 2805, and 2810. Code #3-99 \$7.00

**Securities Laws 1985.** Governs the activities of broker/dealers, agents or investment advisors. Chapter 80A. Code #2-12 \$4.00

**Securities Rules 1985.** Subjects include standards of conduct, equity securities, investment companies and more. Chapter 2875. Code #3-5 \$11.00

**Banking Rules 1987.** New rules are expected in early fall '87. Call then for more information.

**Uniform Commercial Code 1986.** Chapter 336. U.S. laws governing trade, including contracts, title, payment, warranties, performance and liability. Code #2-2 \$10.00

**Mailing Lists.** All kinds available. A catalog will be available in late summer '87. Call to receive a copy. (612) 297-2552 or 296-0930.

**TO ORDER:** Send to Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155. (612) 297-3000, or toll-free in Minnesota: 1-800-652-9747 and ask for "DOCUMENTS." Please include 6% sales tax, and \$1.50 postage and handling. Prepayment required. Please include daytime phone. VISA/MasterCard orders accepted over phone.

Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.

## Pheasants in Minnesota

*Pheasants in Minnesota*, focusing exclusively on the ringneck pheasant, this DNR booklet tells of this popular game bird's origin, introduction and development in Minnesota. Through many full-color photos the book shows the pheasant in various settings, tells how to maintain wildlife habitat and explains the wise management of the hunt. A great gift for each member of your hunting party, or as a memento to a special Minnesota hunting vacation. Quantity discounts available. Code #9-13, \$5.95.

*Woodworking for Wildlife*, delightfully written and carefully illustrated with a variety of game bird and mammal box designs. Includes important information on the placement of nests in proper habitat areas and maintenance requirements. Diagrams, 48 pp. Code #9-14, \$6.00.



TO ORDER: Send to Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155. (612) 297-3000, or toll-free in Minnesota: 1-800-652-9747 and ask for "DOCUMENTS." Please include 6% sales tax, and \$1.50 postage and handling. Prepayment required. Please include daytime phone. VISA/MasterCard orders accepted over phone.

Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.

Code No.	Quantity	Description	Item Price	Total
Name or Company			Subtotal	
Attention			Plus 6% tax MN Residents Only	
Address				
City		State	Zip	Postage/Handling (per order) <b>\$1.50</b>
VISA/MasterCard No. or Cust. Deposit No.			<b>TOTAL</b>	
Signature		Expiration Date	Telephone (During Day)	

**TO ORDER:**  
Complete attached order blank. Include either your VISA/MasterCard number with the expiration date, or a check/money order made out to the State of Minnesota. Orders by phone are accepted when purchasing with your VISA/MasterCard or if you have a customer deposit account. Please include a phone number where you can be reached during the day in case we have questions about your order. Please include 6% sales tax and \$1.50 postage and handling.  
**PREPAYMENT REQUIRED.**  
Merchandise may be returned at \$1.50 restocking charge, if it is in resalable condition.  
NOTE: State Register and other subscriptions do not require sales tax or postage and handling fees. Prices subject to change without notice.  
Please allow about 6 weeks for delivery. In a hurry? Stop by our Bookstore. Bookstore Hours 8:00-4:30 M-F

Send your order to:  
**Minnesota Documents Division**  
117 University Ave., St. Paul, MN 55155  
Metro area 612-297-3000  
In Minnesota, toll free 1-800-652-9747

Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.

## Minnesota: national leader in education

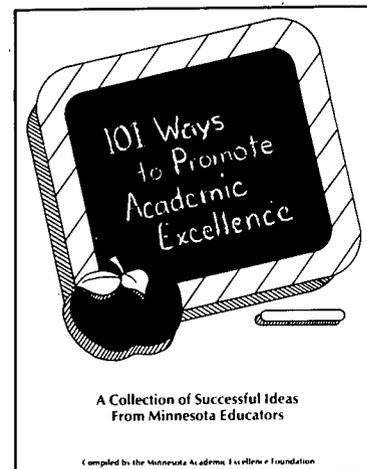
### 101 Ways to Promote Academic Excellence

A collection of nuts-and-bolts methods educators have successfully used to foster academic achievement. These are techniques that directly help students, can be replicated easily, are cost-effective, and that work in meeting public education's great challenge: helping every single child learn. Code #5-1, \$4.50.

### Education Directory, 1986-87

This popular comprehensive directory contains Minnesota school districts, superintendents, principals, addresses, phone numbers, and enrollment. 128 pages, paperbound. Code #1-93, \$5.00.

TO ORDER: Send to Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155. (612) 297-3000, or toll-free in Minnesota: 1-800-652-9747 and ask for "DOCUMENTS." Please include 6% sales tax, and \$1.50 postage and handling. Prepayment required. Please include daytime phone. VISA/MasterCard orders accepted over phone.



Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.

# Documents Division

---

## Publications, Services, Subscriptions

**Order Form on Back—For Information, Call 297-3000**

### NEW PUBLICATIONS:

**Building Code 1987.** Regulates design, construction, quality of materials, use and occupancy of all buildings and structures. Includes adoption by reference of Uniform Building Code, National Electrical Code and others. Code #3-65s3, \$10.00.

**Plumbing Code 1987.** Rules concerning public safety and health in regard to: materials, joints, traps, fixtures, water supply, drainage, inspection and water conditioning. Code #3-6, \$11.00.

**Health Care Facilities Directory 1987.** A list of hospitals and related institutions licensed and/or certified to deliver various levels of care. The list is alphabetical by county, town and facility name. Code #1-89, \$15.00.

**Human Services Rules Supplement 1987.** The 1987 Supplement to the Department's rule book includes recent changes to many rules in effect from July 1986 through January 1987. Code #3-95s1, \$14.00.

**Human Services Rules 1986.** Governs assistance programs, eligibility, grant amounts, AFDC and residence requirements. *Minnesota Rules* 9500-9580. Code #3-95, \$24.95.

### OTHER PUBLICATIONS

**1987 Workers' Compensation Handbook.** Includes the statutes (Minn. Stat. Chapter 176), the Office of Administrative Hearings and Litigation Procedure Rules (Rules Chapter 1415), Fees for Medical Services (Rules Chapter 5221), Disability Schedules (Rules Chapter 5223) Workers' Compensation Court of Appeals Rules of Procedure (Rules Chapter 9800). Code #2-72. \$14.00 plus tax.

**Woodworking for Wildlife.** Carefully illustrated with a variety of game bird and mammal box designs, including maintenance requirements and important information on the placement of nests in proper habitat areas. Diagrams. Code #9-14. \$6.00 plus tax.

**Motor Vehicle Traffic Laws.** Includes laws governing motor carriers, motor vehicle registration and no-fault auto insurance. Code #2-85, \$12.50 plus tax.

**Criminal Code and Selected Statutes 1986.** Governs the conduct of peace officers, continuing education requirements for officers, prison sentences and more. Code #2-68, \$12.00 plus tax.

**Education Rules 1986.** Rules of the State Board of Education governing state aid, vocational education, handicapped students, teacher certificates and much more. Code #3-28, \$14.50 plus tax.

### SUBSCRIPTIONS:

**State Register.** Minnesota's official weekly publication for agency rules and notices, executive orders of the Governor, state contracts, Supreme Court Calendar, Supreme Court and Tax Court Decisions. Annual subscription \$130; Trial Subscription (13 weeks) \$40.00; Single copies \$3.50.

**Workers Compensation Decisions.** Volume 39. Selected landmark decisions of the Worker's Compensation Court of Appeals. Annual subscription. \$95.00.

### SERVICES:

**Mailing Lists.** Lists of Minnesota licensed professionals and permit holders. Write or call (612) 297-2552 for a free mailing list catalog which contains available lists, selections, formats, pricing and ordering information.

**1987 Outdoors Catalog.** Listing over 4,000 lake maps, fishing guides, bikeway maps, cookbooks, travel guides, and more. Free.

**Minnesota State Documents Center 1987 Catalog.** Lists publications available through Minnesota Documents Center. Free.

**State Register Binder.** Durable 3½ inches, forest green binders imprinted with the *State Register* logo. \$6.50 plus 39¢ tax.

## Show Your Colors—10% Off July Special

**American Flag.** Perfect for your home or office. 3' × 5' with embroidered stars. Heavy nylon bunting. Code No. 6-1. ~~\$24.04~~ \$18.94.

**The Living White House (revised edition).** A history of the White House that focuses on its life in the flow of American history, its symbolic place in the continuing life of the country, and the Presidents' and their families who have changed it and been changed by it. Many photographs, some full-color. Code No. 16-30. ~~\$7.50~~ \$6.75.

