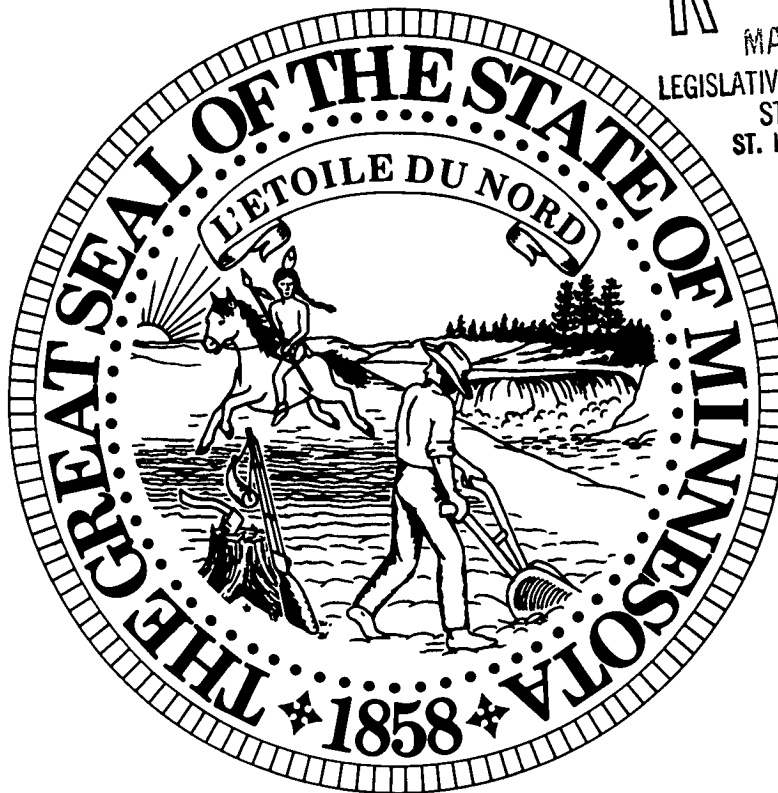


STATE OF MINNESOTA

# STATE REGISTER

DEPARTMENT OF ADMINISTRATION—DOCUMENTS DIVISION

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Monday 18 May 1987

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# 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.

### Volume 11 Printing Schedule and Submission Deadlines

| Vol. 11<br>Issue<br>Number | *Submission deadline for<br>Executive Orders, Adopted<br>Rules and **Proposed Rules | *Submission deadline for<br>State Contract Notices and<br>other **Official Notices | Issue<br>Date |
|----------------------------|---|--|---------------|
| 46                         | Monday 4 May  | Monday 11 May  | Monday 18 May |
| 47                         | Monday 11 May   | Monday 18 May  | Monday 25 May |
| 48                         | Monday 18 May   | Friday 22 May  | Monday 1 June |
| 49                         | Friday 22 May   | Monday 1 June  | Monday 8 June |

\*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.

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**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

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

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### How to Follow State Agency Rulemaking Action in the *State Register*

State agencies must publish notice of their rulemaking action in the *State Register*. If an agency seeks outside opinion before promulgating new rules or rule amendments, it must publish a **NOTICE OF INTENT TO SOLICIT OUTSIDE OPINION** also.

#### The **PROPOSED RULES** section contains:

- Proposed new rules (including notice of hearing and/or notice of intent to adopt rules without a hearing).
- Proposed amendments to rules already in existence in the Minnesota Rules.
- Proposed emergency rules.
- Withdrawal of proposed rules (option; not required).

#### The **ADOPTED RULES** section contains:

- Notice of adoption of new rules and rule amendments adopted without change from the previously published proposed rules. (Unchanged adopted rules are not republished in full in the *State Register* unless requested by an agency.)
- Adopted amendments to new rules or rule amendments (adopted changes from the previously published proposed rules).
- Notice of adoption of emergency rules.
- Adopted amendments to emergency rules (changes made since the proposed version was published).
- Extensions of emergency rules beyond their original effective date.

#### The **OFFICIAL NOTICES** section includes (but is not limited to):

- Notice of intent to solicit outside opinion before promulgating rules.
- Additional hearings on proposed rules not listed in original proposed rules calendar.

ALL ADOPTED RULES and ADOPTED AMENDMENTS TO EXISTING RULES published in the *State Register* and filed with the Secretary of State before April 8, 1985 are published in the *Minnesota Rules 1985*. ADOPTED RULES and ADOPTED AMENDMENTS TO EXISTING RULES filed after April 8, 1985 are included in a supplement published in Spring, 1986. Proposed and adopted EMERGENCY (formerly called TEMPORARY) RULES appear in the *State Register* but are generally not published in the *Minnesota Rules* due to the short-term nature of their legal effectiveness. Those that are long-term may be published.

The *State Register* publishes partial and cumulative listings of rule in the MINNESOTA RULES AMENDMENTS AND ADDITIONS list on the following schedule:

Issues 1-13, inclusive  
Issues 14-25, inclusive  
Issue 26, cumulative for 1-26  
Issues 27-38, inclusive

Issue 39, cumulative for 1-39  
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# MINNESOTA RULES

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**EXECUTIVE ORDERS****Executive Order No. 87-8****Providing for Assistance to Officials of Several Counties in the State of Minnesota**

I, RUDY PERPICH, GOVERNOR OF THE STATE OF MINNESOTA, by virtue of the authority vested in me by the Constitution and the applicable statutes, do hereby issue this Executive Order:

WHEREAS, the Commissioner of the Department of Natural Resources has requested assistance in the effort to control several wildfires throughout the State of Minnesota; and

WHEREAS, the number and locations of these fires are beyond the capabilities of local emergency resources;

NOW, THEREFORE, I ORDER THAT:

1. The Adjutant General of Minnesota order to active duty on or after April 19, 1987, in service of the State, such elements and equipment of the military forces of the State as required and for such period of time necessary to ensure the safety of our citizens.

2. Cost of subsistence, transportation, fuel, and pay and allowances of said individuals shall be defrayed from the General Fund of the State as provided for by Minnesota Statutes, Section 192.49, Subdivision 1, Section 192.51 and Section 192.52.

## EXECUTIVE ORDERS

Pursuant to Minnesota Statutes, Section 4.035, subd. 2, this Order shall be effective retroactive to April 19, 1987 and shall remain in effect until such date as elements of the military forces of the State are no longer required.

IN TESTIMONY WHEREOF, I have set my hand this twenty-second day of April, 1987.



Rudy Perpich  
Governor

### 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.

## Pollution Control Agency

### Proposed Permanent Rules Relating to Low-Level Radioactive Waste Generator Fees

#### Notice of Intent to Adopt Rule Amendments without a Public Hearing

Notice is hereby given that the Minnesota Pollution Control Agency (Agency) intends to adopt the above-entitled rule amendments without a public hearing following the procedures set forth in the Administrative Procedure Act for adopting rules without a public hearing in Minn. Stat. §§ 14.22 to 14.28 (1986). The Agency's authority to adopt the rule amendments is set forth in Minn. Stat. § 116C.834 (1986).

All persons have until 4:30 p.m. on June 17, 1987, to submit comments in support of or in opposition to the proposed rule amendments or any part or subpart of the rule amendments. Comment is encouraged. Each comment should identify the portion of the proposed rule amendments addressed, the reason for the comment, and any change proposed.

Any person may make a written request for a public hearing on the rule amendments within the comment period. If 25 or more persons submit a written request for a public hearing within the comment period, a public hearing will be held unless a sufficient number withdraw their requests in writing. 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 amendments addressed, the reason for the request, and any change proposed. If a public hearing is required, the Agency will proceed pursuant to Minn. Stat. §§ 14.131 to 14.20 (1986).

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

Dagmar Romano  
Minnesota Pollution Control Agency  
520 Lafayette Road North  
St. Paul, Minnesota 55155  
(612) 296-7992

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

The proposed rule amendments, if adopted, will increase fees for generators who ship 1,000 cubic feet or more of low-level radioactive waste per year to a facility for disposal. The proposed amendments also change the due date for submittal of fees from June 10 of each year to September 30 of each year. Finally, the proposed amendments allow generators to prepay all or a portion of their fees. The proposed rule amendments are published below. One free copy of the rule amendments is available upon request from Dagmar Romano at the address and telephone number stated above.

A Statement of Need and Reasonableness that describes the need for and reasonableness of each provision of the proposed rule amendments and identifies the data and information relied upon to support the proposed rule amendments has been prepared and is available from Dagmar Romano upon request.

You are hereby advised, pursuant to Minn. Stat. § 14.115 (1986), "Small business considerations in rulemaking," that the proposed rule amendments will have no adverse effect on small businesses.

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

Thomas J. Kalitowski  
Executive Director

## **Rules as Proposed**

### **7042.0030 LOW-LEVEL RADIOACTIVE WASTE GENERATOR FEES.**

Subpart 1. [Unchanged.]

Subp. 2. **Amount of fees.** A generator of low-level radioactive waste is subject to the following fees:

A. A generator who ships 1,000 cubic feet or more of low-level radioactive waste per year to a facility for disposal is subject to a fee of ~~85 cents~~ \$2.65 per cubic foot of low-level radioactive waste shipped per year.

B. [Unchanged.]

### **7042.0040 PAYMENT OF FEES.**

Subpart 1. Payment deadline. A generator must submit to the director the fees and appropriate documentation of the volume of waste shipped no later than ~~June 10~~ September 30 of each year. Fees for wastes shipped in the previous calendar year ~~1984~~ are payable by ~~June 10, 1985~~ September 30 of the next calendar year. Checks shall be made payable to the state treasurer.

Subp. 2. Prepayment option. A generator may submit full or partial payment at any time prior to September 30, and the payment will be credited to the generator's obligation to pay fees.

**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

### State Board of Vocational Technical Education

#### Proposed Permanent Rules Relating to Postsecondary Vocational Licensure, Agricultural Occupations

##### Notice of Intent to Adopt a Rule without a Public Hearing

Notice is hereby given that the State Board of Vocational Technical Education intends to adopt the above-entitled rule without a public hearing following the procedure set forth in the Administrative Procedure Act for adopting rules without a public hearing in Minnesota Statutes, sections 14.22 to 14.28. The statutory authority to adopt the rule is Minnesota Statutes 136c.04, Subdivision 9.

All persons have 30 days until 4:30 p.m. Thursday, June 18, 1987 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 in writing. 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:

Helen Henrie, Deputy Director  
State Board of Vocational Technical Education  
565 Capitol Square Building  
550 Cedar Street  
St. Paul, MN 55101

Georgia Pomroy, License Revision  
State Board of Vocational Technical Education  
565 Capitol Square Building  
550 Cedar Street  
St. Paul, MN 55101

The proposed rule may be modified if the modifications are supported by data and views submitted to the agency 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 from Helen Henrie or Georgia Pomroy upon request.

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 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 written request to:

Helen Henrie, Deputy Director  
State Board of Vocational Technical Education  
565 Capitol Square Building  
550 Cedar Street  
St. Paul, MN 55101

Georgia Pomroy, License Revision  
State Board of Vocational Technical Education  
565 Capitol Square Building  
550 Cedar Street  
St. Paul, MN 55101

Dated: 5 May 1987

Helen Henrie, deputy director  
State Board of Vocational Technical Education

##### Rules as Proposed (all new material)

##### 3700.0100 GENERAL REQUIREMENTS FOR POSTSECONDARY VOCATIONAL TEACHERS.

Subpart 1. **Listed or referred to here.** An applicant for a license to teach postsecondary vocational courses or programs must meet the requirements listed or referred to in this part. These requirements are in addition to the requirements:

- A. for teaching in a particular occupational area (listed in the first part that covers licenses in that occupational area); and
- B. for the requirements for a particular license (listed under the part that covers that particular license).

Subp. 2. **Requirements elsewhere.** The applicant must comply with parts 3515.0100 to 3515.4400 and 3515.5000.



**3700.0200 LICENSES IN THE AGRICULTURAL OCCUPATIONAL AREA.**

Subpart 1. **Listed here.** An applicant for a license to teach postsecondary vocational courses and programs in the agricultural occupational area must meet the requirements in this part. These requirements are in addition to the requirements listed in part 3700.0100 and the requirement for a particular license (listed under the part that covers that particular license).

Subp. 2. **Recent occupational experience.** An applicant for a license to teach in the agricultural occupational area must have 1,500 hours of occupational experience within the five years just before applying for the license.

Subp. 3. **Does not apply.** Part 3515.9920 does not apply.

**3700.0205 FARM BUSINESS MANAGEMENT LICENSE.**

Subpart 1. **May teach.** A teacher who has a farm business management license may teach in the farm business management program and may also teach courses in:

- A. agricultural financial management, marketing, and record keeping;
- B. goal setting in farming and agricultural business;
- C. agricultural financial statements and analysis;
- D. methods of marketing crops and livestock; and
- E. applied crop and livestock practices.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Education requirement.** A bachelor's or higher degree from an accredited postsecondary institution in agricultural education is required for this license.

Subp. 4. **Occupational experience requirement.** The applicant must have 4,000 hours of occupational experience as described in items A and B. The 4,000 hours may include the 1,500 hours required under part 3700.0200, subpart 2.

A. At least 3,000 of the hours must be in production or operations with plants or animals on a farm or ranch as a farmer or rancher; farm or ranch manager; or farm or ranch owner and operator.

B. Up to 1,000 hours may be in an occupation that is listed in the National Ag Occupations Competency Study unless the occupation is one that is listed in subpart 6.

Subp. 5. **Incorporation by reference.** The National Ag Occupations Competency Study referred to in subparts 4 and 6 is incorporated by reference to the extent it is referred to in subparts 4 and 6. The study has the formal title "Identifying and Validating Essential Competencies Needed for Entry and Advancement in Major Agriculture and Agribusiness Occupations." The study is by David R. McClay and is dated May 16, 1978. It is published by the United States Department of Health Education and Welfare, Office of Education, Occupational and Adult Education Branch, and is for sale by the Superintendent of Documents, United States Government Printing Office, Washington, DC 20402. It is available for inspection at the central office of the State Board of Vocational Technical Education, 550 Cedar Street, Saint Paul, Minnesota 55101, and at the Government Documents Section, Room 409, Wilson Library, University of Minnesota, 309 19th Avenue South, Minneapolis, Minnesota 55454.

Subp. 6. **Do not count experience in these occupations.** Even though the occupations listed in this subpart may be listed in the National Ag Occupations Competency Study, experience with them cannot be counted as part of the occupational experience required under subpart 4.

- A. Flour Miller's Assistant;
- B. Cereal Grains Laborer;
- C. Mill Maintenance Worker;
- D. Citrus Processor;
- E. Milk Processor;
- F. Milk Plant Manager;
- G. Butter, Ice Cream, and Cheese Maker;

**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

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H. Maintenance Engineer (Milk Plant);  
I. Plant Electrician;  
J. Lift Truck Operator;  
K. Fruit and Vegetable Processing Industry;  
L. Instrument Technician;  
M. Lab Technician;  
N. Plant Maintenance Mechanic;  
O. Slaughterhouse Worker;  
P. Retail Fish Cutter;  
Q. Nut Sorter;  
R. Nut Sorter Supervisor;  
S. Nut Sorting Machine Operator;  
T. Nut Tester;  
U. Nut Sanitarian;  
V. Nut Maintenance Mechanic;  
W. Nut Machine Operator;  
X. Egg Processor;  
Y. Rice Shift Miller;  
Z. Rice Huller Person;  
AA. Rice Hull Maintenance Person;  
BB. Sweet Potato Processor;  
CC. Floriculture Delivery Person;  
DD. Floral Salesperson;  
EE. Air Pollution Control Inspector or Technician;  
FF. Fish Conservation Officer;  
GG. Fish Hatchery Worker;  
HH. Fish Research Technician;  
II. Zoning Compliance Officer;  
JJ. Commercial Fisherman;  
KK. Fisheries Technician;  
LL. Campground Manager and Maintenance Person;  
MM. Park Aide;  
NN. Park Maintenance Person;  
OO. Hunting and Fishing Guide;  
PP. Water Treatment Plant Operator;  
QQ. Waste Water Technician;  
RR. Sawyer;  
SS. Sawmill Worker;  
TT. Fire Ranger;  
UU. Forest Fire Fighter;  
VV. Forest Insect Ranger;  
WW. Fire Warden;

XX. Forest Fire Suppression Crew Leader; and

YY. Maple Syrup Producer.

Subp. 7. **Substitution for occupational experience.** The applicant may substitute teaching in programs and courses at an accredited secondary or postsecondary vocational institution in plant or animal science, agricultural education, farm operations and management, veterans cooperative farm management, or farm business management for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

#### **3700.0210 FARM OPERATIONS AND MANAGEMENT LICENSE.**

Subpart 1. **May teach.** A teacher who has a farm operations and management license may teach in the farm operations and management program and may also teach programs and courses in:

- A. plant growth and reproduction;
- B. animal production and management;
- C. animal nutrition;
- D. basic agricultural mechanics;
- E. agricultural structures, design, and maintenance;
- F. agricultural soil, water, and conservation management; and
- G. agricultural financial management, marketing, and record keeping.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Education and occupational experience requirements.** The applicant must have:

A. a bachelor's or higher degree from an accredited postsecondary institution in agricultural education, plant or animal science, agricultural economics, or technical agriculture and 4,000 hours of occupational experience in production or operations with plants or animals on a farm or ranch as a farmer or rancher; farm or ranch manager; or farm or ranch owner and operator; or

B. two years of education from an accredited postsecondary institution in technical agricultural education and 6,000 hours of occupational experience in production or operations with plants or animals on a farm or ranch as a farmer or rancher; farm or ranch manager; or farm or ranch owner and operator; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute teaching experience in programs and courses at an accredited secondary or postsecondary vocational institution in plant or animal science, agricultural economics, agricultural education, farm operations and management, farm business management, agricultural mechanics, vocational agriculture, veterans cooperative farm management, or farm business management for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

#### **3700.0215 DAIRY HERD MANAGEMENT LICENSE.**

Subpart 1. **May teach.** A teacher who has a dairy herd management license may teach in the dairy herd management program and may also teach courses in:

- A. agricultural business management, marketing, and record keeping;
- B. dairy breeding, nutrition, health, and housing; and
- C. marketing of milk and breeding stock.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Education and occupational experience requirements.** The applicant must have:

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## PROPOSED RULES

A. a bachelor's or higher degree from an accredited postsecondary institution in agricultural education or animal science and 4,000 hours of occupational experience in dairy herd management; or

B. two years of education from an accredited postsecondary institution in farm operations management, animal science, or dairy herd management, and 6,000 hours of occupational experience in dairy herd management; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute teaching experience in programs and courses at an accredited secondary or postsecondary vocational institution in agricultural education, farm operations management, animal science, vocational agriculture, farm business management, veterans cooperative farm management, or dairy herd management for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

### 3700.0220 LAMB AND WOOL MANAGEMENT LICENSE.

Subpart 1. **May teach.** A teacher who has a lamb and wool management license may teach in the lamb and wool management program and may also teach courses in:

A. sheep breeding, nutrition, health, and housing;

B. marketing of sheep byproducts; and

C. sheep financial management and recordkeeping.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Education and occupational experience requirements.** The applicant must have:

A. a bachelor's or higher degree from an accredited postsecondary institution in agricultural education or animal science and 4,000 hours of occupational experience in lamb and wool management; as a farmer or rancher, farm or ranch manager, or farm or ranch owner and operator; or

B. two years of education from an accredited postsecondary institution in farm operations management or technical agriculture/animal science and 6,000 hours of occupational experience in lamb and wool management; as a farmer or rancher, farm or ranch manager, or farm or ranch owner and operator; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute teaching experience in programs and courses at an accredited secondary or postsecondary vocational institution in vocational agriculture, farm business management, or licensed teaching experience in an approved postsecondary vocational course or program in farm operations management, veterans cooperative farm management, or lamb and wool management for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

### 3700.0225 AGRICULTURE SUPPLIES, SALES AND SERVICE LICENSE.

Subpart 1. **May teach.** A teacher who has an agriculture supplies, sales and service license may teach in the agriculture supplies, sales and service program and may also teach courses in:

A. sale of agricultural equipment and supplies; and

B. service and maintenance of agricultural equipment.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Education and occupational experience requirements.** An applicant must have:

A. a bachelor's or higher degree from an accredited postsecondary institution in agricultural education or technical agriculture and 4,000 hours of occupational experience in agricultural supplies, sales, and service; as a technician, owner and operator, or manager; or

B. two years of education from an accredited postsecondary institution in technical agriculture and/or agricultural sales and service and 6,000 hours of occupational experience in agricultural supplies, sales, and service; as a technician, owner and operator, or manager; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

**Subp. 4. Substitution for occupational experience.** The applicant may substitute teaching experience in programs and courses at an accredited secondary or postsecondary vocational institution in agricultural: education; engineering; economics; supplies, sales and service; farm operations and management; soil, plant, or animal science; farm equipment mechanics; or farm business management for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

#### **3700.0230 HORSE CARE: STABLE AND BACKSTRETCH.**

**Subpart 1. May teach.** A teacher who has a horse care: stable and backstretch license may teach in the horse care: stable and backstretch program and may also teach courses in:

- A. horse selection and breeding;
- B. horse physiology, nutrition, and health; and
- C. housing and marketing of horses.

**Subp. 2. Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

**Subp. 3. Education and occupational experience requirements.** An applicant must have:

A. a bachelor's or higher degree from an accredited postsecondary institution in agricultural education or animal science and 4,000 hours of occupational experience as a manager or assistant manager in horse care: training, breeding, horse barn, or stable and backstretch; or

B. two years of education from an accredited postsecondary institution in horse care: stable and backstretch or pleasure horse technology and 6,000 hours of occupational experience as a manager or assistant manager in horse care: training, breeding, horse barn, or stable and backstretch; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

**Subp. 4. Substitution for occupational experience.** The applicant may substitute teaching experience in programs and courses at an accredited secondary or postsecondary vocational institution in agricultural education, animal science, horse care: stable and backstretch, and pleasure horse technology for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

#### **3700.0235 AGRICULTURAL EQUIPMENT MECHANICS LICENSE.**

**Subpart 1. May teach.** A teacher who has an agricultural equipment mechanics license may teach in the agricultural equipment mechanics program and may also teach courses in agricultural equipment assembly, repair, and operation.

**Subp. 2. Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

**Subp. 3. Education and occupational experience requirements.** An applicant must have:

A. a bachelor's or higher degree from an accredited postsecondary institution in agricultural education, agricultural mechanization, agricultural engineering, or technical agriculture and 4,000 hours of occupational experience as an agricultural equipment mechanic or block person in a dealership; or

B. two years of education from an accredited postsecondary institution in agricultural equipment mechanics, truck diesel mechanics, or heavy equipment mechanics, and 6,000 hours of occupational experience as an agricultural equipment mechanic or block person in a dealership; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

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## PROPOSED RULES

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Subp. 4. **Substitution for occupational experience.** The applicant may substitute teaching experience in programs and courses at an accredited secondary or postsecondary vocational institution in agricultural: education, mechanization, or engineering; truck diesel mechanics or heavy equipment mechanics for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

### 3700.0240 HORTICULTURE LICENSE.

Subpart 1. **May teach.** A teacher who has a horticulture license may teach in the horticulture program and may also teach courses in:

- A. plant propagation;
- B. plant health;
- C. ornamental plant identification and use;
- D. plant science;
- E. soil science;
- F. fertilizers; and
- G. horticulture equipment and equipment maintenance.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Education and occupational experience requirements.** An applicant must have:

A. a bachelor's or higher degree from an accredited postsecondary institution in horticulture or agricultural education with at least 30 quarter credits or 20 semester credits in horticulture or horticulture science and 4,000 hours of occupational experience as a horticultural: technician; owner and operator; or manager or supervisor in greenhouse operations, nursery operations, garden store operations, or landscaping; or

B. two years of education from an accredited postsecondary institution in horticulture or landscaping and 6,000 hours of occupational experience as a horticultural: technician; owner and operator; or manager or supervisor in greenhouse operations, nursery operations, garden store operations, or landscaping; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute teaching experience in programs and courses at an accredited secondary or postsecondary vocational institution in vocational agriculture, horticulture science, vocational horticulture, or landscaping for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

### 3700.0245 LANDSCAPING LICENSE.

Subpart 1. **May teach.** A teacher who has a landscaping license may teach in the landscaping program and may also teach courses in:

- A. plant propagation;
- B. plant health;
- C. ornamental plant identification and use;
- D. plant science;
- E. soil science;
- F. fertilizers;
- G. landscaping equipment maintenance;
- H. landscape design; and
- I. landscape construction.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Education and occupational experience requirements.** The applicant must have:

A. a bachelor's or higher degree from an accredited postsecondary institution in horticulture science or agricultural education with at least 30 quarter credits or 20 semester credits in horticulture or horticulture science and 4,000 hours of occupational experience in landscaping as an architect, technician, groundskeeper, or gardener; or

B. two years of education from an accredited postsecondary institution in horticulture or landscaping and 6,000 hours of occupational experience in landscaping as an architect, technician, groundskeeper, or gardener; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute teaching experience in programs and courses at an accredited secondary or postsecondary institution in horticulture science, vocational horticulture, landscaping, or vocational agriculture for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

#### **3700.0250 NATURAL RESOURCES LICENSE.**

Subpart 1. **May teach.** A teacher who has a natural resources license may teach in the natural resources program and may also teach courses in:

A. soil science; and

B. soil and water resources management.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Education and occupational experience requirements.** The applicant must have:

A. a bachelor's or higher degree from an accredited postsecondary institution in fisheries and wildlife, forestry, soil science, or water resource management and 4,000 hours of occupational experience in water resources technology or environmental analysis in forestry, fisheries, or wildlife: as a technician, manager, conservationist, ecologist, or naturalist; or

B. two years of education from an accredited postsecondary institution in natural resources and 6,000 hours of occupational experience in water resources technology or environmental analysis in forestry, fisheries, or wildlife: as a technician, manager, conservationist, ecologist, or naturalist; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute teaching experience in programs and courses at an accredited secondary or postsecondary institution in soil science, soil and water resources management, natural resources, or forestry for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

#### **3700.0255 LOGGING BUSINESS MANAGEMENT LICENSE.**

Subpart 1. **May teach.** A teacher who has a logging business management license may teach in the logging business management program and may also teach courses in:

A. logging business practices; and

B. agricultural financial statement analysis.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Occupational experience requirement.** The applicant must have 8,000 hours of occupational experience as a logging business operator or manager or woodlands operator or manager. The 8,000 hours may include the 1,500 hours required under part 3700.0200, subpart 2.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in items A to C for up

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## PROPOSED RULES

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to 4,000 hours of the occupational experience required in subpart 3. The education must be from an accredited postsecondary institution. If substitution is made, the applicant must still comply with the recency requirement of part 3700.0200, subpart 2.

A. A bachelor's or higher degree in forestry, forestry science, business management, or natural resources may be substituted for 4,000 hours.

B. An associate degree in logging business management, forestry, forestry science, farm business management, business management, or natural resources may be substituted for 2,000 hours.

C. A certificate or diploma in logging business management, forest harvesting, or forest business management may be substituted, if a one-year program, for 1,050 hours and if a two-year program, for 2,100 hours.

Subp. 5. **Substitution for recent occupational experience.** The applicant may substitute teaching experience at an accredited secondary or postsecondary institution in logging business management, forestry, forest harvesting, forest equipment maintenance, and forestry management for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. Two hours of teaching equals one hour of the occupational experience.

### **3700.0260 FOREST HARVESTING LICENSE.**

Subpart 1. **May teach.** A teacher who has a forest harvesting license may teach in the forest harvesting program and may also teach courses in forest harvesting practices and techniques.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Education and occupational experience requirements.** The applicant must have:

A. a bachelor's or higher degree from an accredited postsecondary institution in forestry and 4,000 hours of occupational experience in forest harvesting operations as a supervisor, manager, or logger;

B. two years of education from an accredited postsecondary institution in forestry, forest harvesting, forest equipment maintenance, or logging and 6,000 hours of occupational experience in forest harvesting operations as a supervisor, manager, or logger; and

C. the occupational experience required in items A and B may include the 1,500 hours required under part 3700.0200, subpart 2.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute teaching experience in programs or courses in an accredited secondary or postsecondary vocational institution in forestry, forest harvesting, forest equipment maintenance, forestry management, or logging business management for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

### **3700.0265 TAXIDERMY LICENSE.**

Subpart 1. **May teach.** A teacher who has a taxidermy license may teach in the taxidermy program.

Subp. 2. **Other requirements.** The applicant must meet the requirements listed in part 3700.0100 and the requirements for a teacher in the agricultural occupational area under part 3700.0200.

Subp. 3. **Occupational experience requirement.** The applicant must have 8,000 hours of occupational experience in taxidermy. The 8,000 hours may include the 1,500 hours required under part 3700.0200, subpart 2.

Subp. 4. **Substitution for occupational experience.** The applicant may substitute the education described in items A to D for up to 4,000 hours of the occupational experience required in subpart 3. The education must be from an accredited postsecondary institution. If the substitution is made, the applicant must still comply with the recency requirement of part 3700.0200, subpart 2.

A. A bachelor's or higher degree in fish and wildlife management or natural resource technology may be substituted for 4,000 hours.

B. An associate degree in fish and wildlife management or natural resource technology may be substituted for 2,000 hours.

C. A certificate or diploma in natural resource technology may be substituted, if a one-year program, for 1,050 hours and if a two-year program, for 2,100 hours.

D. The completion of courses for credit or clock hours for credit in taxidermy, bird mounting, game head mounts, federal and state laws related to taxidermy, or reptiles and amphibians may be substituted. One hour of instruction equals one hour of occupational experience. One quarter credit equals 20 hours of occupational experience. One semester credit equals 30 hours of occupational experience.

Subp. 5. **Substitution for recent occupational experience.** The applicant may substitute teaching experience in programs and



courses at an accredited postsecondary vocational program in taxidermy for up to 1,000 of the 1,500 hours of recent occupational experience required under part 3700.0200, subpart 2. The teaching must be done during the three years just before applying for the license. Two hours of teaching equals one hour of occupational experience.

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## OFFICIAL NOTICES

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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.

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### Department of Finance

#### Maximum Interest Rate for Municipal Obligations in May

Pursuant to Minnesota Statutes, Section 475.55, Subdivision 4, Commissioner of Finance, Jay Kiedrowski, announced today that the maximum interest rate for municipal obligations in the month of May would be nine (9) percent per annum. Obligations which are payable wholly or in part from the proceeds of special assessments or which are not secured by General Obligations of the municipality may bear an interest rate of up to ten (10) percent per annum.

Dated: 1 May 1987

Peter Sausen, Assistant Commissioner  
Cash and Debt Management  
State of Minnesota  
Department of Finance  
(612) 296-8372

### Minnesota Pollution Control Agency

#### Notice of Intent to Solicit Outside Information Regarding Proposed Rules Governing Air Quality and Water Quality Permit Fees and Hazardous Waste Facility and Generator Fees

Notice is hereby given that the Minnesota Pollution Control Agency (Agency) is seeking information or opinions from outside sources in preparing to propose the amendment of rules governing air quality permit fees, Minn. Rules Parts 7002.0010 to 7002.0110; water quality permit fees, Minn. Rules Parts 7002.0210 to 7002.0310; and hazardous waste facility and generator fees, Minn. Rules 7046.0010 to 7046.0050. The amendment of the rules is authorized by Minn. Stat. §§ 116.07, subd. 4d, 116.12, and 16A.128 (1986).

The Agency requests information and opinions concerning the subject matter of the rules. Interested persons or groups may submit data or views in writing or orally. Comments concerning **air quality permit fees** should be directed to:

Ahto Niemioja  
Minnesota Pollution Control Agency  
520 Lafayette Road North  
St. Paul, MN 55155  
Telephone: (612) 296-7485

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## OFFICIAL NOTICES

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Comments concerning **water quality permit fees** should be directed to:

David Christopherson  
Minnesota Pollution Control Agency  
520 Lafayette Road North  
St. Paul, MN 55155  
Telephone: (612) 296-7221

Comments concerning **hazardous waste facility and generator fees** should be directed to:

Karen Ryss  
Minnesota Pollution Control Agency  
520 Lafayette Road North  
St. Paul, MN 55155  
Telephone: (612) 296-7317

Oral statements will be received during regular business hours, 8:00 a.m. to 4:30 p.m., Monday through Friday.

All statements of information and opinion will be accepted until June 8, 1987. Any written materials received by the Agency shall become part of the rulemaking record in the event that the rule amendments are adopted.

Thomas J. Kalitowski  
Executive Director

## Board of Teaching

### Notice of Adoption of Examinations for Initial Teacher Licensure

NOTICE IS HEREBY GIVEN that on April 24, 1987, the Board of Teaching adopted the Pre-Professional Skills Tests of the Educational Testing Service as the examinations of skills in reading, writing, and mathematics required for initial teacher licensure by Minn. Stat. § 125.05, subd. 1, and § 125.185, subd. 4. This requirement applies to applicants for initial teacher licensure as defined in Minn. Stat. § 125.03, subd. 5. Minimum passing scores applicants must achieve on these examinations are:

|             |     |
|-------------|-----|
| Reading     | 173 |
| Mathematics | 169 |
| Writing     | 172 |

Minn. Rules, part 8700.0210 governs this requirement which is effective for initial teaching licenses issued on April 4, 1988, and thereafter.

Dated: 7 May 1987

Kenneth L. Peatross, Executive Secretary  
State of Minnesota  
Board of Teaching

## Department of Transportation

### Petition of Freeborn County for a Variance from State Aid Standards for design standards

Notice is hereby given that the County Board of the County of Freeborn 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 CSAH 46 from CSAH 14 to near T.H. 13.

The request is for a variance from Minnesota Rules for State Aid Operations § 8820.9910 adopted pursuant to Minnesota Statutes Chapter 161 and 162, so as to permit an obstacle free recovery area of 27' instead of the required obstacle free recovery area of 30' between engineer's station 1856 + 50 and engineer's station 1857 + 15 (Right Side Only).

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: 6 May 1987

Leonard W. Levine  
Commissioner of Transportation

## **Department of Transportation**

### **Petition of the County of McLeod for a Variance from State Aid Standards for Design Speed**

Notice is hereby given that the County Board of the County of McLeod has made a written request to the Commissioner of Transportation pursuant to Minnesota Rules § 8820.3300 for a variance from minimum standards for a bituminous surfacing and aggregate shouldering project on CSAH 2 from the South County Line to the South City Limits of Silver Lake.

The request is for a variance from Minnesota Rules for State Aid Operations § 8820.9910 adopted pursuant to Minnesota Statutes Chapter 161 and 162, so as to permit a design speed of 35 MPH instead of the required 40 MPH on the curve adjacent to the South City Limits of Silver Lake.

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: 8 May 1987

Leonard W. Levine  
Commissioner of Transportation

## **Department of Transportation**

### **Petition of City of North Mankato for a Variance from State Aid Administrative Requirements for determination of Maintenance Monies**

Notice is hereby given that the City Council of the City of North Mankato has made a written request to the Commissioner of Transportation pursuant to Minnesota Rules § 8820.3300 for a variance from requirements for establishing their 1987 Maintenance Allocation.

The request is for a variance from Minnesota Rules for State Aid Operations § 8820.1400 adopted pursuant to Minnesota Statutes Chapter 161 and 162, so as to permit the City of North Mankato to increase their 1987 Maintenance Allotment by \$33,653.00.

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: 13 May 1987

Leonard W. Levine  
Commissioner of Transportation

## **Department of Transportation**

### **Petition of City of Rochester for a Variance from State Aid Standards for street width**

Notice is hereby given that the City Council of the City of Rochester 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 133 (Elton Hills Drive) between T.H. 52 and 5th Avenue N.W.

The request is for a variance from Minnesota Rules for State Aid Operations § 8820.9912 adopted pursuant to Minnesota Statutes

## OFFICIAL NOTICES

Chapter 161 and 162, so as to permit a street width of 60' with parking permitted on both sides instead of the required street width of 72' with parking permitted on both sides.

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: 6 May 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<br>(and Buyer)                              | Bid Closing<br>Date at 2 pm | Department or<br>Division | Delivery<br>Point | Requisition #     |
|---|-----------------------------|---------------------------|-------------------|-------------------|
| Buses (DM)  | May 20                      | Various                   | Various           | Schedule 113I     |
| Tractor loader (DM)   | May 20                      | State University          | Mankato           | 26 071 17280      |
| Venetian blinds (DRT)   | May 20                      | Plant Management          | St. Paul          | Price Contract    |
| Purchase of photo copy machine<br>(JPK)                       | May 21                      | Mediation Services        | St. Paul          | 45 000 00912      |
| Disc mowers (DM)  | May 21                      | Transportation            | Various           | 79 382 01218 etc. |
| Fish hatchery equipment (DM)                                  | May 21                      | Natural Resources         | Grand Marais      | 29 000 46103      |
| Pencils & erasers (AW)  | May 21                      | Central Stores            | St. Paul          | Price Contract    |
| Traffic signal cabinet (BV)                                   | May 21                      | Transportation            | St. Paul          | 79 050 19327      |
| Traffic recorder cabinet (BV)                                 | May 21                      | Transportation            | St. Paul          | 79 050 19328      |
| Dump box covers (DM)  | May 22                      | Transportation            | Various           | 79 990 00091      |
| Educator plus system (PAT)                                    | May 22                      | State University          | Moorhead          | 26 072 10087      |
| Envelopes, plain, white wove &<br>kraft (AW)                  | May 26                      | Central Stores            | St. Paul          | Price Contract    |
| Barber & beauty shop services<br>(DK)                         | May 26                      | State Hospital            | Cambridge         | Price Contract    |
| Genuine Leroi engine & air com-<br>pressors repair parts (DM) | May 26                      | Various                   | Various           | Price Contract    |
| Video equipment (PA)  | May 26                      | State University          | Moorhead          | 26 072 10099      |
| Walk-in cooler (EFS)  | May 26                      | Regional Treatment Center | Fergus Falls      | B 55101 07351     |
| Compaq computers and printers<br>(PA)                         | May 26                      | Housing Finance Agency    | St. Paul          | 34 000 05224      |

## **Department of Corrections Minnesota Correctional Facility-Lino Lakes**

### **Notice of Request for Proposals for Professional/Technical Services Contract**

In order to comply with state law, the Minnesota Correctional Facility-Lino Lakes, hereby publishes its intention to maintain a contract with a certified clinical psychologist for the period from July 1, 1987 to June 30, 1989. The Contractor will provide the following services:

Develop psychological evaluations on adult male inmates as requested by program teams and Department of Corrections administrative personnel. Also will advise program staff concerning the treatment needs of residents. Consulting sessions to consist of two 5-hour visits per week with a limit of 95 visits per year. The estimated amount of the contract will not exceed \$19,000. per year. Desired qualifications include a doctorate in clinical psychology with at least five years of experience in an adult correctional institution.

Proposals for the above contract to be submitted by May 30, 1987, to Bert Mohs, Asst. Superintendent/Operations, Minnesota Correctional Facility-Lino Lakes, 7525 Fourth Avenue, Lino Lakes, Minnesota 55014.

## **Minnesota Historical Society**

### **Advertisement for Bids for Direct Duplicating Microfilm**

Sealed bids for the commodity listed below will be received in the office of the Contract Officer, Minnesota Historical Society, 1500 Mississippi Street, St. Paul, MN 55101 until 2:00 p.m., Central Daylight Time, on May 27, 1987, at which time the bids will be publicly opened and read aloud. Bids received after 2:00 p.m., May 27, 1987, will be returned unopened.

The commodity to be bid is as follows:

400 rolls Eastman Kodak Direct Duplicating Microfilm (#5468) or direct duplicating microfilm, silver halide gelatin, acetate base, 35mm. x 1,000 feet x approximately 5 mil. of equal or better quality.

The product must meet ANSI (American National Standards Institute) standards for archival record film specified in ANSI standard PH 1.28-1984.

Bids must specify the brand name of the product to be supplied and, if other than Eastman Kodak brand, a data sheet must be attached to the bid.

In addition, bids must contain a description of the commodity being bid, the bid price, shipping and/or handling charges, if any, estimated delivery date, and the name, address and telephone number of the bidder. Bids must be signed, in ink, by an authorized member of the firm.

Bids must be sealed in mailing envelopes with the bidder's name, address, and the commodity name clearly written on the outside.

The Minnesota Historical Society reserves the right to accept or reject any or all bids and to waive any irregularities therein. No bids may be withdrawn within thirty (30) days after the scheduled closing time for receipt of bids.

## **Department of Human Services Deaf Services Division**

### **Contract Available for Deaf-Blind Services**

The State of Minnesota, Department of Human Services, Deaf Services Division, is soliciting proposals for the provision of independent living skills and related services to deaf-blind individuals.

Service/areas requested are:

- 1) intake assessments and written individual service plans;

## STATE CONTRACTS & ADVERTISED BIDS

- 2) service planning and service management;
- 3) independent living skill building in structured, supervised living environments or semi-independent living situations;
- 4) interpreting and/or communication facilitating services when no other agency is liable for payment;
- 5) planning and provision of community integration activities;
- 6) instructional services in communication and telecommunication strategies;
- 7) instructional services in orientation and mobility techniques;
- 8) crisis intervention and support;
- 9) technical assistance and consultation to human service providers;
- 10) utilization of Support Service Providers when appropriate;
- 11) group activities which empower and inform deaf-blind consumers.

The activities also include monitoring of service delivery, provision of reports in a specified format, participation in quarterly evaluations of the services provided and regular meetings to clarify financial reporting.

The total amount expended for this activity will not exceed \$100,000.00\* for fiscal year 1988 (July 1, 1987 through June 30, 1988).

For a copy of the full text of the Request for Proposal, contact:

Carolynn J. Whitcher, Assistant Director  
Department of Human Services  
Deaf Services Division  
Fourth Floor—Centennial Office Building  
St. Paul, Minnesota 55155  
612/296-6853 V/TDD  
612/297-3637 TDD

Responses must be received no later than 4:00 p.m. on June 8, 1987. Late proposals will not be accepted. Award date for the contract will be June 19, 1987.

\*Pending approval of 1987 Minnesota State Legislature

## Department of Human Services Chemical Dependency Program Division

### Notice of Request for Proposals for Outpatient Treatment Services for the Black Persons and Community

The Chemical Dependency Program Division (CDPD) of the Department of Human Services is soliciting proposals for the provision of an outpatient program for the treatment of Black persons experiencing chemical dependency problems. A grant award up to \$40,000 is available for a single grantee. The grantee will also be expected to obtain a license under Minnesota Rule Parts 9530.5000-9530.6500 (previously DHS Rule 43) and payment for treatment from third party payors, including insurance companies, medical assistance and the Consolidated Chemical Dependency Treatment fund. The project will begin on or about August 1, 1987, and continue for a minimum of 12 months.

All requests for further information or copies of the complete Request for Proposals (RFP) and application forms can be obtained by contacting Dorrie Hennagir at 612/296-4617.

Proposals in response to this RFP must be submitted on the CDPD grant application form. Eight copies of the proposal must be in the CDPD office, 2nd floor, Space Center Building, 444 Lafayette Road, St. Paul, MN 55155, no later than 4:20 p.m. on June 6, 1987. Proposals submitted by mail must have a legible U.S. Postal Service postmark of no later than June 8, 1987.

The Chemical Dependency Program Division and the State of Minnesota reserve the right to reject any and all proposals submitted and to reallocate funds contemplated for the purpose of this RFP to another purpose.

## **Department of Human Services Information Management Resources Division**

### **Contract Available for Backup Programming Services**

The Information Management Resources Division (Division), Department of Human Services, for the State of Minnesota is requesting a proposal from qualified firms to provide backup programming services to be used by the Division on an as-needed basis. These services may involve backup assistance to a staff programmer of the Division on a specific phase of a project, or taking responsibility for specific phases of a project. This work will be assigned at the discretion of the Division. Proposals for part of this work will be considered; i.e., responders are not required to commit to the entire \$600,000.00. However, the Division will not consider proposals for increments of less than \$200,000.00, except those vendors certified in the SED set-aside program.

The Division reserves the right to contract this work out to several responders, or to award the entire amount to one responder. The total amount expended for this activity will not exceed \$600,000.00 for fiscal year 1988; i.e., July 1, 1987 through June 30, 1988.

The full text of the Request for Proposals is available on request. This RFP is being released subject to prior Federal approval. Inquiries and responses must be directed to:

Dr. Kenneth Hasledalen, Deputy Director  
Information Management Resources Division  
First Floor—Space Center Building  
444 Lafayette Road  
St. Paul, MN 55101

Responses must be received no later than 4:00 p.m. on May 29, 1987.

## **Department of Human Services Information Management Resources Division**

### **Contract Available for Consulting and Back-Up Systems Design and Analysis**

The Information Management Resources Division (Division), Department of Human Services, for the State of Minnesota is requesting a proposal from qualified firms or independent consultants to provide consulting and backup systems design and analysis services to be used by the Division on an as-needed basis. These services may involve systems architecture design, backup assistance to a staff analyst of the Division on a specific phase of a project, or it may involve special investigation or consulting for a special study or research activity assigned at the discretion of the Division. STRADIS is the systems development methodology that will be used on all project work. Proposals for part of this work will be considered; i.e., responders are not required to commit to the entire \$900,000.00.

The Division reserves the right to contract this work out to several responders, or to award the entire amount to one responder. The total amount expended for this activity will not exceed \$900,000.00 for fiscal year 1988; i.e., July 1, 1987 through June 30, 1988.

The full text of the Request for Proposal is available on request. This RFP is being released subject to prior Federal approval. Inquiries and responses must be directed to:

Dr. Kenneth Hasledalen, Deputy Director  
Information Management Resources Division  
First Floor—Space Center Building  
444 Lafayette Road  
St. Paul, MN 55101

Responses must be received no later than 4:00 p.m. on May 29, 1987.

## **Department of Human Services Oak Terrace Nursing Home**

### **Notice of Request for Proposal for Medical Services**

Notice is hereby given that the **Oak Terrace Nursing Home**, Residential Facilities Division, Department of Human Services, is seeking the following services, which are to be performed as requested by the administration of **Oak Terrace Nursing Home**.

## **STATE CONTRACTS & ADVERTISED BIDS**

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The contract is written for the period July 1, 1987 through June 30, 1988.

Services of a psychiatrist to provide psychiatric assessments, psychiatric consultation, review of medication regimen, participation in the utilization review program, appearances at court hearings when applicable, and inservice education. The estimated amount of the contract will not exceed a total of \$15,600.00 annually.

Responses must be received by June 8, 1987. Direct inquiries to:

Faye B. Christensen, Acting CEO/Administrator  
Oak Terrace Nursing Home  
14500 County Road 67  
Minnetonka, Minnesota 55345

### **Department of Human Services St. Peter Regional Treatment Center**

#### **Notice of Request for Proposal for Medical Services**

Notice is hereby given that the St. Peter Regional Treatment Center, Residential Facilities Administration, Department of Human Services, is seeking the services which are to be performed as requested by the Administration of the St. Peter Regional Treatment Center. The following contract will be written for the Period July 1, 1987 thru June 30, 1989.

Services of an audiologist to serve the needs of mentally retarded residents. Estimated amount of the contract is \$14,400.00 each fiscal.

Responses must be received by June 5, 1987. Direct inquiries to:

Tom Bolstad  
St. Peter Regional Treatment Center  
100 Freeman Drive  
St. Peter, MN 56082  
Phone: 507-931-7116

### **Department of Transportation**

#### **Notice of Request for Proposals for Counseling Services**

The Minnesota Department of Transportation is accepting proposals for a professional psychologist to provide professional counseling service to employees. The contractor will conduct training courses for supervisors and managers in the appropriate techniques used in motivating recalcitrant employees as well as providing guidance to employees who may be suffering emotional trauma.

The contractor must possess:

1. A doctorate in psychology.
2. A license as a professional psychologist.
3. 4 years experience in the practice of clinical psychology.
4. Experience as a professional counselor with an employer of 1,000 or more employees ranging from managers and professionals to trade persons, technicians, and clerks.
5. Experience as a chemical dependency counselor.
6. Familiarity with State government regulations and operations.
7. Knowledge of and ability to conduct management training and development courses.

A contract for the requested services will commence July 1, 1987 and terminate on June 30, 1989. The compensation limit for time and expenses during the contract period is \$100,000 with payment not to exceed \$38.00 per hour. Payments will be made monthly for the hours listed on the monthly report. Services are to be rendered by the individual or persons possessing the doctorate in psychology. Services are to be provided to Mn/DOT employees at least 3 days in each work week. If two or more qualified applicants wish to submit a combined proposal they may do so provided that the total contract amount will not exceed \$100,000.



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## STATE GRANTS

Qualified professionals should submit their resumes and work plan proposals not later than June 5, 1987.

Roger W. Durbahn, Director  
Human Resources Services Section  
Minnesota Department of Transportation  
315 Transportation Building  
Saint Paul, Minnesota 55155

Dated: 1 May 1987

Leonard W. Levine, Commissioner

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## NON-STATE PUBLIC CONTRACTS

The *State Register* also serves as a central marketplace for contracts let out on bid by the public sector. The *Register* meets state and federal guidelines for statewide circulation of public notices. Any tax-supported institution or government jurisdiction may advertise contracts and requests for proposals from the private sector.

It is recommended that contracts and RFPs include the following: 1) name of contact person; 2) institution name, address, and telephone number; 3) brief description of project and tasks; 4) cost estimate; and 5) final submission date of completed contract proposal. Allow at least three weeks from publication date (four weeks from date article is submitted for publication). Surveys show that subscribers are interested in hearing about contracts for estimates as low as \$1,000. Contact the editor for further details.

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### City of South Saint Paul

#### Request for Proposal for Design, Inspection and Project Management Services for South Saint Paul Municipal Airport

The City of South Saint Paul is anticipating a federal grant for Bituminous Taxiway, Apron Construction, Precision Approach Path Indicator, and an Avigation Easement for the South Saint Paul Municipal Airport.

The South Saint Paul Board of Aeronautics is soliciting proposals from interested consulting firms to provide design, inspection and management services for this project. Proposals will be accepted until 4:00 P.M. Friday, May 29, 1987. All proposals shall meet the minimum requirement established by the request for proposal. Minority firms are encouraged to submit a proposal.

Request for proposals can be obtained by calling or writing to:

Christy Fink  
South Saint Paul Deputy Clerk  
125-3rd Ave. No.  
South Saint Paul, MN 55075  
612-451-1387

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## STATE GRANTS

In addition to requests by state agencies for technical/professional services (published in the State Contracts section), the *State Register* also publishes notices about grant funds available through any agency or branch of state government. Although some grant programs specifically require printing in a statewide publication such as the *State Register*, there is no requirement for publication in the *State Register* itself.

Agencies are encouraged to publish grant notices, and to provide financial estimates as well as sufficient time for interested parties to respond.

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### State Board of Vocational Technical Education Instructional Services Section

#### Notice of Availability of funds for Consumer and Homemaking programs—Adult

The State Board of Vocational Technical Education will distribute federal funds to eligible recipients in accordance with the Carl D. Perkins Vocational Education Act for individuals who are **consumers and homemakers**. The amount of federal funds available for **consumer and family education** and activities is **\$300,000.00**.

## STATE GRANTS

Organizations and associations interested in applying for federal funds should contact the nearest AVTI for additional information or refer to Section 7.0 "Planning Use of Federal Funds" in the Fiscal Year **1988 Minnesota State Plan for Vocational Technical Education** for information relating to the availability and disbursement of federal funds.

Qualified organizations and associations must prepare a joint application with an appropriate eligible recipient whose main responsibility will be to act as fiscal agent for distribution of and accountability for the federal funds.

An eligible recipient is defined as: a) a nonprofit education recipient legally authorized to provide post-secondary or secondary vocational education; and b) have established certified vocational technical education programs.

Additional information will be included in the "Request for Proposal" which will be mailed upon request. To receive a Request for Proposal notify **Florence K. Stater**, State Board of Vocational Technical Board, 550 Cedar Street, St. Paul, MN 55101 no later than 4:30 p.m. on **Monday, May 25, 1988**. Final proposals must be submitted to **Instructional Services Section, Room 538**, State Board of Vocational Technical Education, 550 Cedar Street, St. Paul, MN 55101, by 4:30 p.m. on **June 1, 1987**.

## SUPREME COURT DECISIONS

### Decisions Filed Friday 8 May 1987

Compiled by **Wayne O. Tschimperle**, Clerk

**C8-86-549 United Bank of Skyline, National Association v. David Fales, Defendant; Arthur J. Petrie, Petitioner, Appellant. Court of Appeals**

This court will give full faith and credit to the decision of the Colorado court denying Petrie's motion to vacate the summary judgment.

Affirmed. Yetka, J.

**C0-87-23 Douglas Sandmann v. Stephen T. Petron, Petitioner. Brown County**

When no action has been commenced, Rule 27.01 of the Minnesota Rules of Civil Procedure does not allow discovery to enable plaintiff to draw a proper medical malpractice complaint to comply with Minn. Stat. § 145.682 (1986).

The writ of prohibition will issue. Scott, J.

Dissenting, Yetka, J. and Kelley, J.

**C8-85-1187 American Family Mutual Insurance Company, Appellant, v. Stephen O'Dean Peterson and Lana L. Kelsey. Court of Appeals**

An insured's assault which would be deemed intentional but for the insured's voluntary intoxication is excluded from coverage under the intentional act exclusion of a homeowner's policy.

Reversed. Simonett, J.

**C2-86-935 Lampert Lumber Company, etc., v. Vera K. Joyce, Donald F. Nolde, petitioner, Appellant, First National Bank of Stillwater, City of Stillwater, et al., Defendants. Court of Appeals**

Where a party has pleaded a defective cross-claim and failed to produce sufficient proof of any claim, the trial court may not, on its own motion and after the case has been submitted, dismiss the cross-claim without prejudice.

Reversed and remanded. Simonett, J.

Dissenting, Yetka, J.

**CX-86-1315 Jack C. Portlance v. Golden Valley State Bank, Appellant. Hennepin County**

An action for wrongful discharge based on an oral contract of employment allegedly modified by an employees' manual or handbook is subject to the two-year limitation period of Minn. Stat. § 541.07(5) (1986).

Reversed with direction to enter judgment in favor of appellant Golden Valley State Bank. Coyne, J.

**C7-86-2163 Michael Bradley v. Vic's Welding and Western Insurance Company, Relators. Workers' Compensation Court of Appeals**

Minn. Stat. § 176.011, subd. 18 permits the inclusion of overtime pay in the computation of an injured temporary employee's weekly wage only if overtime is regular or frequent throughout the year for the employment involved.

Reversed and decision of the compensation judge reinstated.

Coyne, J.

**C1-86-716 In the Matter of the Application for the Discipline of Lewis S. Bernstein, an Attorney at Law of the State of Minnesota. Supreme Court**

Indefinitely suspended. Per Curiam.

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**ANNOUNCEMENTS**

**Administration Department:** A free "Outdoors Catalog" listing over 4,000 state lake maps showing bottom contours is available from the Minnesota Documents Division, 117 University Avenue, St. Paul, MN 55155 (612) 297-3000. The catalog includes a wide variety of travel, wildlife and gardening books of interest to Minnesotans. Persons calling from within Minnesota may use a toll-free number: 1-800-652-9747 and ask for DOCUMENTS.

**Arts Board:** The Minnesota State Arts Board will meet Thursday 21 May at 9:30am at their offices at 432 Summit Avenue in St. Paul. The public is invited to attend the meeting which includes the adoption of a revised spending plan for fiscal years 1988-89 based on anticipated legislative action. Handicapped access is limited so anyone with a disability should contact Gail Swain at (612) 297-2603. The Arts Board is one of 16 state arts agencies nationwide to receive an Arts in Education planning grant from the National Endowment for the Arts (NEA). The \$20,000 matching grant, available in 1988, is intended to assist states and communities with programming to ensure that all students graduating from high school will possess a basic knowledge of and skills in the arts. The grant offers funding for one year of study and organizing to develop a new written statewide plan for arts education, and to propose a multi-year project to promote, prepare, and implement sequential arts curricula.

**Environmental Education Board:** The board announced the selection of two state educators as Outstanding Environmental Educators of the Year: Mary Lou Klinkhammer of Shoreview and Dr. Arlyn A. Kline of Mankato.

**Environmental Quality Board:** The U.S. Environmental Protection Agency has directed the Minnesota Pollution Control Agency (PCA) to lead an effort to develop a portion of an overall strategy to protect Minnesota's ground water. The PCA will study ground water quality protection and will publish papers this summer on various ground water related topics. The "EQB Monitor" will carry articles regularly describing the progress made, and notifying people of opportunities to participate in the process. For additional information, contact Gretchen Sabel of the PCA (612) 296-7262, or EQB Monitor editor Greg Downing, (612) 296-8235.

**Health Department:** An annual advisory about eating fish from Minnesota lakes and rivers, designed to help anglers avoid possible health risks associated with environmental contaminants in fish, is now available. A total of 204 lakes and 70 stream sites are listed. Selected information from the advisory was distributed to purchasers of 1987 Minnesota fishing licenses. Copies of the complete advisory, produced through cooperative efforts of the following agencies, are available by calling the Department of Health (612) 623-5555, the Pollution Control Agency, (612) 296-6300, or the Department of Natural Resources (612) 296-2835.

**Minnesota Educational Computing Consortium:** Announced the release of *Conquering Whole Numbers*, the first package in its new *Conquering Math Series*, a sequel to the *Mastering Math Series*. Designed for students in grades 3-6, the new package provides basic numbers in four arithmetic drill operations; subtraction, multiplication and division involving multiple regroupings and numbers with up to five digits; three math-related games to test problem-solving skills; and teacher options to allow the instructor to adjust the number and type of problems in each drill, view student records, and regulate the use of operational games. For a free catalog or more information on over 300 MECC software products, call (612) 481-3527 or write MECC at 3490 Lexington Avenue North, St. Paul, MN 55126-8097.

**Natural Resources Department:** A red flag warning is issued by the National Weather Service when conditions indicate an extreme fire danger. The factors used to determine the warning in Minnesota are temperatures over 80°F, winds in excess of 25 mph and relative humidity less than or equal to 20%. Everyone, including smokers, welders and people using barbeque grills is urged to exercise extreme caution on red flag days.

# Minnesota: national leader in education

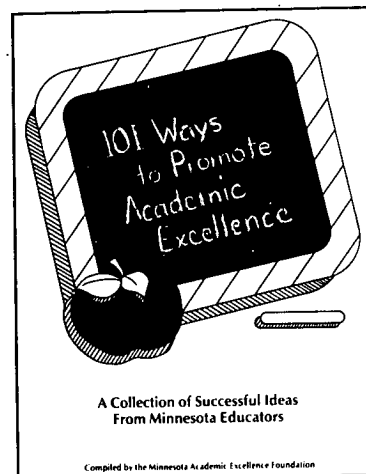
## 101 Ways to Promote Academic Excellence

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.

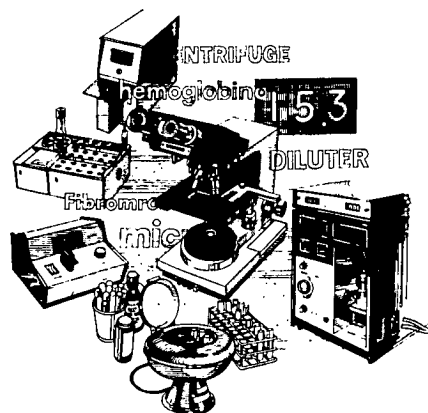


Publication editors: As a public service, please reprint this ad in your publication as is, reduced, enlarged, or redesigned to suit your format. Thank you.

## Buying Or Selling?

In either case, The Medical Alley Directory can help you do your job better. Double your business; the 1986 edition is nearly twice as large as last year's. Reach the decision-makers without delay at more than 300 medical and bio-tech companies and healthcare delivery organizations.

Entries include major products and/or services, company background, special interests, trade name(s), major activities, and addresses and phone numbers. Code # 40-7, \$49.95.



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.

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## MAILING LISTS GALORE

### Successful business means successful sales

The Minnesota Documents Division has a variety of mailing lists of licensed professionals and permit holders that will enable you to focus your marketing efforts on a targeted audience.

Types of lists available are: registered nurses, real estate agents, physicians, insurance agents, boatowners, hunters, cosmetologists, teachers, and many more! And you can get them on printouts, cheshire/pressure sensitive labels, as well as 9-track magnetic tapes.

What's more, you can choose from several selection capabilities. You will find our selections most helpful and beneficial to your business when you learn that you can acquire names and addresses of individuals in the areas you need to target most.

Find out more about our mailing lists by writing for our free mailing list catalog. In a hurry? Call (612) 297-2552 for more information. Requests can be sent to: Minnesota Documents Division, Mailing List Operation, 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.

# Minnesota Manufacturer's Directory 1986-87

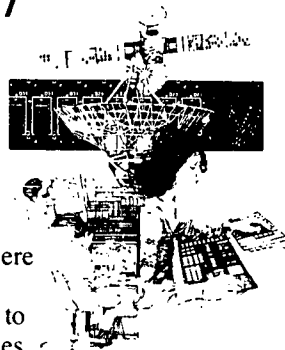


**UPDATED:** Name, address, phone number, staff size, sales volume, market area, year of establishment, type of firm, C.E.O., Sales or Marketing Manager, Purchasing Manager and four major manufactured products. Code #40-2, \$68.50.

**NEW:** In the directory this year are two titles (where applicable) Chief Engineer and Data Processing Manager.



**REVISED:** There are more than 7,000 changes to the 7,068 entries.



**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.

## Minnesota's future environment

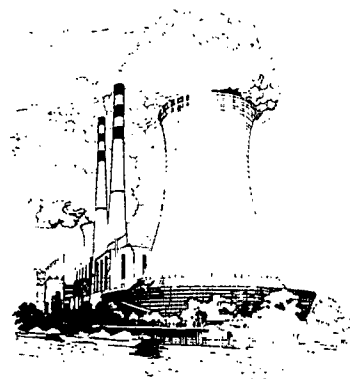
The issue of environmental protection is of continuing interest to both Minnesota business and the general public. Stay abreast of changes in state government regulations with these publications.

### 1986 Pollution Control Laws

Laws dealing with water pollution, disposal facilities, solid waste management, the MN Environmental Rights Act, recycling, and more. Code No. 2-21. \$15.00.

### 1986 Hazardous Waste Rules

Governs the production, storage, transportation and disposal of hazardous waste. MN Rules Chapter 7045 and 7046. Code No. 3-71. \$13.50.



**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.

## Voices of the Loon

Its voice severs the bonds to the world of cities, traffic, crowds, lights and noise. The lyrical magic of the loon, sometimes hauntingly eerie, makes the skin tingle, and the hair on the back of the neck stand on edge, awakening a primitive response. Its solitary wail turns the shadowy wilderness into a mysterious path into eternity.

**Voices of the Loon**, cassette tape, includes introduction and loon call identification, chorus from a distant lake, tremolo duet, wail duet, border confrontation, wails with morning songbird chorus, tremolos while running, wails during a thunderstorm, and coyotes calling with loons. Code #19-73, \$12.00.

**The Loon: Voice of the Wilderness**, hardbound with color plates and illustrations, 143 pages. Code #9-14, \$6.00.

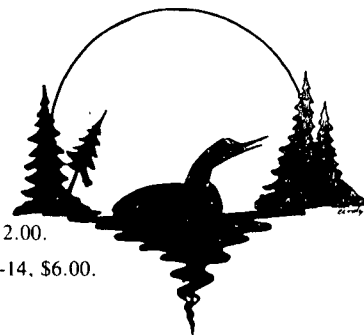
**Loon Calendar 1987**, beautiful photographs and scenes. Code #15-40, \$6.95.

**Loon Lapel Pin**. Code #15-30, \$2.49.

**Loon Windsock**, 56 inches long in full color. Code #15-29, \$19.95.

**Loon Nature Print**, full-color poster 16" x 22", Code #15-18, \$3.00.

**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.



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