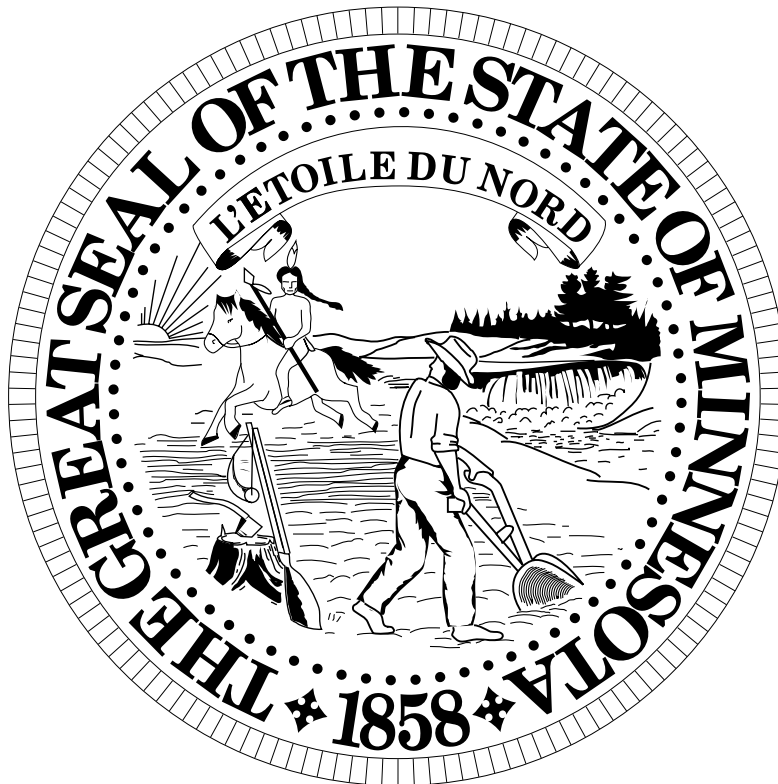


State of Minnesota

State Register

Rules and Official Notices Edition



Published every Monday (Tuesday when Monday is a holiday) by the
Department of Administration – Communications Media Division

Monday 18 March 2002
Volume 26, Number 39
Pages 1225-1260

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, published weekly to fulfill the legislative mandate set forth in *Minnesota Statutes* § 14.46. The *State Register* contains:

- proposed, adopted, exempt, expedited emergency and withdrawn rules
- executive orders of the governor
- appointments
- proclamations and commendations
- commissioners' orders
- revenue notices
- official notices
- state grants and loans
- contracts for professional, technical and consulting services
- non-state public bids, contracts and grants
- certificates of assumed name, registration of insignia and marks

PUBLISHING NOTICES IN THE *State Register*: Submit TWO COPIES of your notice, typed double-spaced. State agency submissions must include a "State Register Printing Order" form, and a "Certification/Internal Contract Negotiation" form with contracts for professional, technical and consulting services. Non-State Agencies should submit TWO COPIES, with a letter on your letterhead stationery requesting publication and date to be published. FAXED submissions to (651) 297-8260 are received to meet deadline requirements, but must be followed by originals and applicable forms or letters to be accepted. The charge is \$12.20 per tenth of a page (columns are seven inches wide). About 2-1/2 pages typed double-spaced on 8-1/2"x11" paper equal one typeset page in the *State Register*. Contact the editor if you have questions.

SUBSCRIPTION SERVICES: Copies are available at Minnesota's Bookstore, 117 University Avenue, St. Paul, MN 55155. Order by phone: Metro area: (651) 297-3000 Toll free (800) 657-3757. TTY relay service phone number: (800) 627-3529. **NO REFUNDS.** Subscribers who do not receive a copy of an issue should notify the *State Register* Subscription Office immediately at (651) 297-8774. Copies of back issues may not be available more than two weeks after publication. Both editions are delivered postpaid to points in the United States, Periodicals Postage Paid for the *State Register* at St. Paul, MN, first class for the *Solicitation Announcements*. See the *State Register* and *Solicitation Announcements* at website: <http://www.comm.media.state.mn.us> Click on "Minnesota's Bookstore."

- *State Register* (published every Monday, or Tuesday if Monday is a holiday) One year, hard copy, paper subscription: \$160.00.
 - *Solicitation Announcements* (published every Tuesday and Friday) One year subscription: \$135.00 via first class mail, \$150.00 via fax or through our website. Users agree not to redistribute without authorization.
 - **13-week trial subscription** which includes both the *State Register* and *Solicitation Announcements* \$65.00
 - **Single issues** are available for a limited time: *State Register* \$5.00, *Solicitation Announcements* \$1.00. Shipping is \$3.00 per order.
- "Affidavit of Publication" costs \$10.00 and includes a notarized "Affidavit" and a copy of the issue.

Printing Schedule and Submission Deadlines

Vol. 26 Issue Number	PUBLISH DATE	Deadline for both Adopted and Proposed RULES	Deadline for: Emergency Rules, Executive and Commissioner's Orders, Revenue and Official Notices, State Grants, Professional-Technical-Consulting Contracts, Non-State Bids and Public Contracts
#39	Monday 18 March	Noon Wednesday 6 March	Noon Tuesday 12 March
#40	Monday 25 March	Noon Wednesday 13 March	Noon Tuesday 19 March
#41	Monday 1 April	Noon Wednesday 20 March	Noon Tuesday 26 March
#42	Monday 8 April	Noon Wednesday 27 March	Noon Tuesday 2 April

Copyright © 2002 Communications Media Division, Department of Administration, State of Minnesota.
Publication Number: 326630 (ISSN 0146-7751)

THE STATE REGISTER IS PUBLISHED by Communications Media Division, Department of Administration, State of Minnesota, pursuant to *Minnesota Statutes* § 14.46 and is available at the main branch of county libraries in Minnesota and all "State Depository Libraries": State University and Community College libraries; the University of Minnesota libraries; St. Paul, Minneapolis and Duluth Public Libraries; the Legislative Reference Library; State Law Library; Minnesota Historical Society Library; and the Library Development Service at the State Department of Children, Families and Learning.

Jesse Ventura, Governor (651) 296-3391	Mike Hatch, Attorney General (651) 297-4272	Mary Kiffmeyer, Secretary of State (651) 296-2079
Mae Schunk, Lt. Governor (651) 296-3391	Judi Dutcher, State Auditor (651) 297-3670	Carol Johnson, State Treasurer (651) 296-7091
Department of Administration: David F. Fisher, Commissioner (651) 296-1424 Kent Allin, Asst. Commissioner (651) 297-4261	Communications Media Division: Mary Mikes, Director (651) 297-3979 Chris Schanus, Manager (651) 282-2974	Robin PanLener, Editor (651) 297-7963 Jane Schmidley, Assistant Editor (651) 296-4273 Jessie Rahmeyer, Subscriptions (651) 297-8774

Legislative Information

Senate Public Information Office (651) 296-0504
State Capitol, Room 231, St. Paul, MN 55155
Website: www.senate.leg.state.mn.us/departments/secretary/seninfo.htm

House Information Office (651) 296-2146
State Office Building, Room 175, 100 Constitution Ave., St. Paul, MN 55155
Website: www.house.leg.state.mn.us/hinfo/hinfo.htm

Federal Register

Office of the Federal Register (202) 512-1530; or (888) 293-6498
U.S. Government Printing Office - Fax: (202) 512-1262
Website: http://www.access.gpo.gov/su_docs/aces140.html

Minnesota State Court System

Court Information Office (651) 296-6043
Minnesota Judicial Center, Room 135, 25 Constitution Ave., St. Paul, MN 55155
Website: www.courts.state.mn.us

Minnesota Rules: Amendments & Additions
 Volume 26, Issue #29-39 1228

Adopted Rules

Health Department
 Health risk values..... 1229

Executive Orders

Office of the Governor
 Executive Order #02-01: Providing for personnel and equipment for the Prairie Island Nuclear Power Plant drill and exercise..... 1246

Official Notices

Agriculture Department
 Meeting of the Common Detection Advisory Committee 1247

Animal Health Board
 Quarterly meeting of the board Friday 19 April 2002 1247

Commerce Department
 Minnesota Joint Underwriting Association notice of activation to insure career fiduciaries and public hearing..... 1247
 Request for comments on possible waiver of applicable statutes and rules governing the issuance of Medicare supplement policies for a proposed demonstration project 1248

Comprehensive Health Association
 Proposed premium rate meetings for 2002 1249

Housing Finance Agency
 Public hearing on 2003 Housing Tax Credit Allocation Plan 1250

Retirement System, Minnesota State
 Board of Directors regular meeting Friday 22 March 2002..... 1251

Transportation Department
 Appointment and meeting of a state aid variance committee..... 1251

State Grants & Loans

Administration Department
 Technology enterprise funds available - return date extended 1252

Economic Security Department
 Availability of new funding for coordinated employability services for persons with serious mental illness 1253

State Contracts

Colleges and Universities, Minnesota State (MnSCU)
 Proposals sought for a design build contract for a student/food services facility at Southwest State University in Marshall, MN 1254
 St. Cloud State University advertisement for bids for environmental safety and health services 1254

Historical Society
 Request for bids for printing six issues of the Minnesota Historical Society’s Member News 1255
 Request for proposals for production management services..... 1255

Natural Resources Department
 Availability of contract for Gitchi Gami State Trail 1255

Transportation Department
 Notice concerning professional/technical contract opportunities 1256

Non-State Contracts & Grants

Dakota County Community Services
 Request for proposals for intensive truancy prevention services..... 1256

Metropolitan Council
 Request for proposals for software services for the industrial waste data management system 1257

Metropolitan Council - Metro Transit
 Purchase of rail car mover 1258

University of Minnesota
 Bid Information Service (BIS) available for all potential vendors 1258

Commodity, Service, and Construction contracts are published Tuesday and Friday in a bulletin, the *Solicitation Announcements*. Award results are available from the Materials Management Helpline (651) 296-2600. **Website:** www.mmd.admin.state.mn.us
 Individual copies and subscriptions or the *State Register* and *Solicitation Announcements* are available through Minnesota’s Bookstore, (651) 297-3000, or (800) 657-3757.

Minnesota Rules: Amendments and Additions

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

The *State Register* is the official source, and only complete listing, for all state agency rulemaking in its various stages. State agencies are required to publish notice of their rulemaking action in the *State Register*. Published every Monday, the *State Register* makes it easy to follow and participate in the important rulemaking process. Approximately 80 state agencies have the authority to issue rules. Each agency is assigned specific **Minnesota Rule** chapter numbers. Every odd-numbered year the **Minnesota Rules** are published. The current 1999 set is a 13-volume bound collection of all adopted rules in effect at the time. Supplements are published to update this set of rules. Generally speaking, proposed and adopted exempt rules do not appear in this set because of their short-term nature, but are published in the *State Register*.

An agency must first solicit **Comments on Planned Rules** or **Comments on Planned Rule Amendments** from the public on the subject matter of a possible rulemaking proposal under active consideration within the agency (*Minnesota Statutes* §§ 14.101). It does this by publishing a notice in the *State Register* at least 60 days before publication of a notice to adopt or a notice of hearing, or within 60 days of the effective date of any new statutory grant of required rulemaking.

When rules are first drafted, state agencies publish them as **Proposed Rules**, along with a notice of hearing, or a notice of intent to adopt rules without a hearing in the case of noncontroversial rules. This notice asks for comment on the rules as proposed. Proposed emergency rules and withdrawn proposed rules are also published in the *State Register*. After proposed rules have gone through the comment period, and have been rewritten into their final form, they again appear in the *State Register* as **Adopted Rules**. These final adopted rules are not printed in their entirety in the *State Register*, only the changes made since their publication as Proposed Rules. To see the full rule, as adopted and in effect, a person simply needs two issues of the *State Register*, the issue the rule appeared in as proposed, and later as adopted. For a more detailed description of the rulemaking process, see the most current edition of the *Minnesota Guidebook to State Agency Services*.

The *State Register* features partial and cumulative listings of rules in this section on the following schedule: issues #1-13 inclusive; issues #14-25 inclusive; issue #26 cumulative for issues #1-26; issues #27-38 inclusive; issue #39, cumulative for issues #1-39; issues #40-51 inclusive; and issues #1-52 (or 53 in some years), cumulative for issues #1-52 (or 53). An annual subject matter index for rules was separately printed usually in August, but starting with Volume 19 now appears in the final issue of each volume. For copies or subscriptions to the *State Register*, contact Minnesota's Bookstore, 117 University Avenue, St. Paul, MN 55155 (612) 297-3000, or toll-free 1-800-657-3757.

Volume 26, Issues # 29-39

Agriculture Department

1540.0590; .2030; .2470; .2870; .3030; .3530; .4455; .4460; .4480; .4490; 1545.0200 ; .0300; .0310; 1555.6660 (proposed)	919
1540.0580 ; .1390; .2460; .3140 -.3410; .3510; .3580; .3590; .3650 -.3690; .3710 -.3750; .3770; .3790 -.3940; .4130; .4160 -.4180; .4230 -.4260; .4280; .4310; .4380 -.4440; 1545.0010 -.0140; .0240; .0330 -.0350; .0420 -.1480; .1730; .1800 -.1850; .2080 -.2720; .2740 -.2830; 1550.0050 ; .0070; .0210 -.0270; .0300; .0310; .0340; .0590; .0610; .0620; .0860; .0990; .1640; .2110; 1555.6330 -.6650; .6670 -.6710 (proposed repealer)	919
1555.6950 (proposed)	1141

Animal Health Board

1720.1600 (adopted)	1159
1720.1600 (adopted)	1199

Abstractors Board – Revenue Department

1950.1000 ; .1010; .1020; .1030; .1040; .1050; .1060; .1070; .1080; .1090 (proposed)	993
1950.1000, s.2, 14, 16 (proposed repealer)	993

Electricity Board

3800.3820 ; .3825; .3830; .3835; .3840; .3845; .3850; .3855; .3860; .3865; .3870 (adopted)	1017
--	------

Campaign Finance and Public Disclosure Board

4503.1450 ; 4505.0900 ; 4511.0100 ; .0200; .0400; .0500; 4525.0200 (proposed)	1013
4515.0700 ; 4520.0700 (proposed repealer)	1013

Health Department

4717.8050 ; .8100; .8150; .8200; .8250; .8300; .8350; .8500; .8600; (adopted)	1229
---	------

Mediation Services Bureau

5510.0310 ; 7315.0400 ; .0500; .0650; .0750; .0900; .1000; .1100; .1200; .1300; .1400; .1500; .1600; .1700; .1800; .1900; .2100; .2200 (proposed)	1105
7315.2300 ; .2400; .2500; .2600; .2700; .2800; .2900 (proposed repealer)	1105

Natural Resources Department

6236.0300 ; .0600; .0810; .1060 (adopted expedited emergency)...	1112
6240.0600 (adopted expedited emergency)	1017
6264.0300 (adopted expedited emergency)	1141
6264.0300 ; .0400 (adopted exempt)	1082

Pharmacy Board

6800.0700 ; .0910; .1300; .2150; .3110; .3350; .4210; .4220; .4230; .4240; .5100; .5300; .5400; .7520 (proposed)	922
6800.3110 s.2a (proposed repealer)	922

Pollution Control Agency

7039.0130 (proposed)	1109
7077.0175 ; .0185; .0195 (adopted exempt)	931

Racing Commission

7871.0050 ; .0150; 7873.0110 ; .0195; .0199; .0210; 7877.0170 ; 7883.0100 ; 7890.0100 ; .0140 (proposed)	969
7871.0150 s.3,4,4a ; 7873.0186 ; .0192; .0198 (proposed repealer)	969

Minnesota State Retirement System

7900.0200 ; .0400 (adopted)	977
---	-----

Water and Soil Resources Board

8420.0100 ; .0102; .0103; .0105; .0110; .0112; .0122; .0200; .0210; .0220; .0225; .0230; .0240; .0250; .0260; .0290; .0300; .0350; .0400; .0505; .0510; .0520; .0530; .0540; .0541; .0542; .0543; .0544; .0545; .0546; .0547; .0548; .0549; .0550; .0600; .0610; .0620; .0630; .0650; .0720; .0730; .0740; .0750; .0760; .1010; .1070 (proposed)	1033
8420.0110, s.44 ; .0235; .0250, s.5; .0550, s.3; .0650, s.5,6; .0720, s.9; .0730, s.3 (proposed repealer)	1033

Human Services Department

9500.1090 ; .1100; .1105; .1110; .1115; .1116; .1120; .1121; .1122; .1123; .1124; .1127; .1128; .1129; .1140 (adopted)	976
9500.1100 s.36 ; .1150; .1155 (repealed)	976
9500.1090 ; .1100; .1105; .1110; .1115; .1116; .1120; .1121; .1122; .1123; .1124; .1127; .1128; .1129; .1140 (errata adopted)	1000
9500.1100 s.36 ; .1150; .1155 (errata repealed)	1000
9505.0045 ; .0065; .0075; .0110; .0115 (adopted)	977

9505.0015, s.2,7,10,15,26,29,30,35,43; .0016; .0020; .0030, s. 2,3;
.0040; .0044; .0055, s. 1,2,3,4; .0058; .0059; .0060; .0061; .0062;
.0063; .0064; .0065, s. 2,3,4,5,6,7,8,9,10,11,12; .0070, s.9; .0071,
s.3,4; .0075, s.1,2,3,5,6,7,8,9,10; .0090, s.1; .0110, s.2; .0115,
s.3,5; .0120; .0130, s.3; .0135, s.5,6; .0145; .0150 (**repealed**)..... 977
9505.0323; .0324; .0326; .0327 (**federal approval**)..... 931

Adopted Rules

A rule becomes effective after the requirements of *Minnesota Statutes* §§14.05-14.28 have been met and five working days after the rule is published in the *State Register*, unless a later date is required by statutes or specified in the rule.

If an adopted rule is identical to its proposed form as previously published, a notice of adoption and a citation to its previous *State Register* publication will be printed.

If an adopted rule differs from its proposed form, language which has been deleted will be printed with strikeouts and new language will be underlined. The rule's previous *State Register* publication will be cited.

Expedited and Emergency Expedited Rules

Provisions for the Commissioner of Natural Resources to adopt emergency expedited Game and Fish Rules are specified in *Minnesota Statutes* §§ 84.027. The commissioner may adopt emergency expedited rules when conditions exist that do not allow the Commissioner to comply with the requirements for emergency rules. The Commissioner must submit the rule to the attorney general for review and must publish a notice of adoption that includes a copy of the rule and the emergency conditions. Emergency expedited rules are effective upon publication in the *State Register*, and may be effective up to seven days before publication under certain emergency conditions. Emergency expedited rules are effective for the period stated or up to 18 months.

Department of Health

Adopted Permanent Rules Relating to Health Risk Values

The rules proposed and published at *State Register*, Volume 26, Number 7, pages 154-180, August 13, 2001 (26 SR 154) and Volume 26, Number 24, pages 753-754, December 3, 2001 (26 SR 753), are adopted with the following modifications:

4717.8050 DEFINITIONS.

Subp. 3. **Additional lifetime risk.** "Additional lifetime risk" means the probability that daily exposure to a carcinogen over a lifetime ~~will~~ may induce cancer. The Minnesota Department of Health uses an additional lifetime risk of 1E-5 (1 in 100,000) to set carcinogen exposure guidelines.

Subp. 6. **Carcinogen.** "Carcinogen" means a chemical or defined mixture of chemicals:

B. listed as a ~~"known/likely" carcinogen~~ "carcinogenic to humans" or "likely to be carcinogenic to humans" according to Proposed Guidelines for Carcinogen Risk Assessment, United States Environmental Protection Agency, Office of Research and Development (~~April 1996~~ July 1999). The guidelines are incorporated by reference, are available through the Minitex interlibrary loan system, and are not subject to frequent change; or

Subp. 9. **Cumulative health risk value or cumulative HRV.** "Cumulative health risk value" or "cumulative HRV" is a HRV calculated by summing the hazard quotients of chemicals sharing a common endpoint. A hazard quotient for a particular chemical is calculated by dividing the measured or modeled ambient air concentrations for a chemical by the HRV for that chemical. The equation used to calculate a cumulative HRV or hazard index for noncarcinogenic effects of chemicals is found in part 4717.8600. The equation used to calculate a cumulative HRV or cancer index for carcinogens is found in part 4717.8550.

Subp. 10. **Cumulative multimedia health risk value or cumulative MHRV.** "Cumulative multimedia health risk value" or "cumulative MHRV" is a MHRV calculated by summing the hazard quotients of chemicals sharing a common endpoint. A hazard

Adopted Rules

quotient for a particular chemical is calculated by dividing the measured or modeled ambient air concentrations for a chemical by the MHRV for that chemical. The equation used to calculate a cumulative MHRV or hazard index for noncarcinogenic effects of chemicals is found in part 4717.8600. The equation used to calculate a cumulative MHRV or cancer index for carcinogens is found in part 4717.8550.

Subp. ~~9~~ **11. Defined mixture of chemicals.** “Defined mixture of chemicals” means a mixture of chemical compounds where the toxicity of that mixture of chemical compounds is quantified as a group, rather than individually, in an analytical procedure. Defined mixtures of chemicals include, but are not limited to, coke oven emissions, diesel particulate, and nickel refinery dust.

Subp. ~~10~~ **12. Endpoint of concern or endpoint.** “Endpoint of concern” or “endpoint” means an observable and measurable adverse biological event used as a scientifically defensible index of an effect of a low dose chemical exposure. The designation of an endpoint of concern does not exclude other possible observable and measurable biological events.

Subp. ~~11~~ **13. Extrarespiratory effect.** “Extrarespiratory effect” means a toxic effect produced at a site other than the respiratory system following inhalation of a chemical.

Subp. ~~12~~ **14. Extrarespiratory regional dose deposition or RDD_{ER}.** “Extrarespiratory regional dose deposition” or “RDD_{ER}” is the estimated amount of inhaled chemical or defined mixture of chemicals that is transported to nonrespiratory tract tissues after absorption of the chemical has occurred. The default normalizing factor for extrarespiratory effects is body weight. Until clearance and distribution parameters can be incorporated, it is assumed that 100 percent of a deposited dose to the entire respiratory system is available for uptake by the systemic circulation.

Subp. ~~13~~ **15. Extrarespiratory regional dose deposition ratio or RDD_{ER}_{ER}.** “Extrarespiratory regional dose deposition ratio” or “RDD_{ER}_{ER}” means the ratio of the extrarespiratory regional dose deposition calculated for an experimental animal to the calculated extrarespiratory regional dose deposition in a human.

Subp. ~~14~~ **16. $(H_{b/g})_A$.** “ $(H_{b/g})_A$ ” means the blood to gas (air) partition coefficient of a chemical in an experimental animal.

Subp. ~~15~~ **17. $(H_{b/g})_H$.** “ $(H_{b/g})_H$ ” means the blood to gas (air) partition coefficient of a chemical in a human.

Subp. ~~16~~ **18. Health effects assessment summary tables or HEAST.** “Health effects assessment summary tables” or “HEAST” means the health effects assessment summary tables prepared by the United States Environmental Protection Agency, Office of Research and Development (1991). The tables are incorporated by reference, are available through the Minitex interlibrary loan system, and are subject to quarter-annual changes.

Subp. ~~17~~ **19. Health risk value or HRV.** “Health risk value” or “HRV” means the concentration of a chemical or defined mixture of chemicals in ambient air, at or below which the chemical or defined mixture of chemicals is unlikely to cause an adverse health effect to the general public. The HRV is expressed in units of micrograms of the chemical or defined mixture of chemicals per cubic meter of air (mg/m³).

Subp. ~~18~~ **20. Human equivalent concentration or HEC.** “Human equivalent concentration” or “HEC” means the concentration of inhalation exposure for humans of an agent that is believed to induce the same magnitude of a toxic effect as associated with the experimental animal species exposure concentration. HEC derivation may incorporate toxicokinetic information on the particular agent, if available, or use a default procedure, such as assuming that daily oral doses experienced for a lifetime are proportional to body weight raised to the 0.75 power.

Subp. ~~19~~ **21. Integrated risk information system or IRIS.** “Integrated risk information system” or “IRIS” means the United States Environmental Protection Agency’s electronic database for toxicologic information on chemicals. The IRIS is updated monthly and is available on the Internet at the Web site of the United States Environmental Protection Agency (www.epa.gov/iris/). The database is incorporated by reference and is subject to frequent change.

Subp. ~~20~~ **22. Lowest observed adverse effect level or LOAEL.** “Lowest observed adverse effect level” or “LOAEL” means the lowest exposure dose or concentration of a chemical or defined mixture of chemicals at which adverse effects have been observed in test animals or human test subjects and where the adverse effects are statistically different from background or a control group. The LOAEL is expressed in units of either milligrams of a chemical or defined mixture of chemicals per cubic meter of air (mg/m³) for inhalation exposures or units of milligrams of a chemical or defined mixture of chemicals per kilogram of body weight per day (mg/kg-day) for multimedia exposures.

Subp. ~~21~~ **23. Lowest observed adverse effect level adjusted or LOAEL_[ADJ].** “Lowest observed adverse effect level adjusted” or “LOAEL_[ADJ]” means the lowest observed adverse effect level for a chemical or defined mixture of chemicals adjusted to a specific period of time. For the chronic HRVs, the concentration in the scientific study is adjusted to a 24-hour per day, seven-day per week exposure period. For acute HRVs, the adjustment may include either a time adjustment to a one-hour exposure period or an adjustment for concentration as indicated in part 4717.8500, subparts 3, 4, and 5.

Subp. ~~22~~ **24. mg/m³.** “mg/m³” means micrograms per cubic meter.

Subp. ~~23~~ 25. **mg/m³**. “mg/m³” means milligrams per cubic meter.

Subp. 24 ~~26~~. **Modifying factor**. “Modifying factor” means a factor used in the derivation of a reference dose or reference concentration. The magnitude of the modifying factor reflects the scientific uncertainties of the study and database not explicitly treated with standard uncertainty factors (e.g., the completeness of the overall database). A modifying factor is greater than zero and less than or equal to ten, and the default value for the modifying factor is one.

Subp. ~~25~~ 27. **Multimedia health risk value or MHRV**. “Multimedia health risk value” or “MHRV” means the total daily dose of a chemical or defined mixture of chemicals that results from an emission to ambient air, at or below which is unlikely to cause an adverse health effect to the general public over a lifetime exposure. Total daily dose is the sum of the exposure doses calculated from applicable inhalation or noninhalation exposure pathways. The MHRV is expressed in units of micrograms of the chemical or defined mixture of chemicals per kilogram of body weight per day (mg/kg-day).

Subp. ~~26~~ 28. **No observed adverse effect level or NOAEL**. “No observed adverse effect level” or “NOAEL” means the highest exposure level at which there are no statistically or biologically significant increases in the frequency or severity of adverse effect between the exposed population and its appropriate control. Some effects may be produced at this level, but they are not considered adverse or precursors to adverse effects. The NOAEL is expressed in units of milligrams of chemical or defined mixture of chemicals per cubic meter of air (mg/m³) or milligrams of chemical or defined mixture of chemicals per kilogram of body weight per day (mg/kg-day).

Subp. ~~27~~ 29. **No observed adverse effect level adjusted or NOAEL_[ADJ]**. “No observed adverse effect level adjusted” or “NOAEL_[ADJ]” means the no observed adverse effect level for a chemical or defined mixture of chemicals adjusted to a specific period of time. For the chronic HRVs, the concentration is adjusted to a 24-hour per day, seven-day per week exposure period. For acute HRVs, the adjustment may include either a time adjustment to the scientific study data to a one-hour exposure period or an adjustment for concentration as indicated in part 4717.8500, subparts ~~3, and 4, and 5~~.

Subp. ~~28~~ 30. **Potency slope or slope factor**. “Potency slope” or “slope factor” means an upper bound, approximating a 95 percent confidence limit, on the increased cancer risk from a lifetime exposure to a chemical or defined mixture of chemicals. This estimate, usually expressed in units of proportion (of a population) affected per mg/kg/day, is generally reserved for use in the low-dose region of the dose-response relationship, that is, for exposures corresponding to risks less than one in 100. This number is derived from a mathematical extrapolation model that uses toxicologic data specific to each carcinogen. The potency slope for a carcinogen by ingestion is expressed in units of the inverse of milligrams of the chemical or defined mixture of chemicals per kilogram of body weight per day (mg/kg-day)⁻¹.

Subp. ~~29~~ 31. **Reference concentration or RfC**. “Reference concentration” or “RfC” means an estimate, with uncertainty spanning perhaps an order of magnitude, of a continuous inhalation exposure to the human population, including sensitive subgroups, that is likely to be without an appreciable risk or deleterious effects during a lifetime. It can be derived from a NOAEL, LOAEL, or benchmark concentration, with uncertainty factors generally applied to reflect limitations on the scientific data available. The RfC is expressed in units of milligrams of the chemical or defined mixture of chemicals per cubic meter of air (mg/m³).

Subp. ~~30~~ 32. **Reference dose or RfD**. “Reference dose” or “RfD” means an estimate, with uncertainty spanning perhaps an order of magnitude, of a daily oral exposure to the human population, including sensitive subgroups, that is likely to be without an appreciable risk of deleterious effects during a lifetime. It can be derived from a NOAEL, LOAEL, or benchmark dose, with uncertainty factors generally applied to reflect limitations of the scientific data available. The RfD is expressed in units of milligrams of the chemical or defined mixture of chemicals per kilogram of body weight per day (mg/kg-day).

Subp. ~~31~~ 33. **Reference exposure level or REL**. “Reference exposure level” or “REL” means the concentration level of a chemical or defined mixture of chemicals at or below which no adverse health effects are anticipated for a specified exposure duration. Reference exposure levels have been derived by the California Environmental Protection Agency, the Office of Environmental Health Hazard Assessment, under the Air Toxics “Hot Spots” Information and Assessment Act of 1987. The exposure levels are available on the Internet at the Web site of the Office of Environmental Health Hazard Assessment (www.oehha.org/air/acute_rels/acuterel.html).

Subp. ~~32~~ 34. **Regional deposited dose or RDD**. “Regional deposited dose” or “RDD” means the deposited dose of particles calculated for a respiratory tract region of interest as related to an observed toxicity. For respiratory effects of particles, the deposited dose is adjusted for ventilatory volumes and the surface area of the respiratory region affected and is expressed as milligrams per

<p>KEY: PROPOSED RULES SECTION — <u>Underlining</u> 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 — <u>Underlining</u> indicates additions to proposed rule language. Strike outs indicate deletions from proposed rule language.</p>
--

Adopted Rules

minute per square centimeter (mg/min-sq. cm). For extrarespiratory effects of particles, the deposited dose in the total respiratory system is adjusted for ventilatory volumes and body weight and is expressed as milligrams per minute per kilogram (mg/min-kg).

Subp. ~~33~~ 35. **Regional deposited dose ratio or RDDR.** “Regional deposited dose ratio” or “RDDR” means the ratio of the regional deposited dose calculated for a given exposure in the animal species of interest (RDD_A) to the regional deposited dose of the same exposure in a human (RDD_H). This ratio is used to adjust the exposure effect level for interspecies dosimetric differences to derive a human equivalent concentration (HEC) for particles.

Subp. ~~34~~ 36. **Regional gas dose or RGD.** “Regional gas dose” or “RGD” means the gas dose calculated for the respiratory system region of interest as related to the observed effect for respiratory effects. The deposited dose is adjusted for ventilatory volumes and the surface area of the respiratory region affected. RGD is calculated per minute expressed as milligrams per minute per square centimeter (mg/min-sq. cm).

Subp. ~~35~~ 37. **Regional gas dose ratio or RGDR.** “Regional gas dose ratio” or “RGDR” means the ratio of the regional gas dose calculated for a given exposure in the animal species of interest (RGD_A) to the regional gas dose of the same exposure in humans (RGD_H). This ratio is used to adjust the exposure effect level for interspecies dosimetric differences to derive a human equivalent concentration (HEC) for gases with respiratory effects.

Subp. ~~36~~ 38. **Respiratory effect.** “Respiratory effect” means a toxic effect produced in the respiratory system. Respiratory effects are divided into the categories of upper respiratory effects and lower respiratory effects. Effects in the upper respiratory system consist of effects primarily in the extrathoracic (ET) region, consisting of the nose, mouth, nasopharynx, oropharynx, laryngopharynx, and larynx, and in the upper tracheobronchial (TB) region consisting of the trachea, bronchi, and bronchioles.

The lower respiratory system effects consist of effects primarily in the pulmonary (PU) region, consisting of the respiratory bronchioles, alveolar ducts, alveolar sacs, and alveoli, and effects in the lower tracheobronchial (TB) region, consisting of the trachea and bronchioles to the terminal bronchioles.

Subp. ~~37~~ 39. **Respiratory system.** “Respiratory system” means the nose, mouth, nasopharynx, oropharynx, larynx, trachea, bronchi, bronchioles, and the alveolar ducts, alveolar sacs, and alveoli of the lung.

Subp. ~~38~~ 40. **Statistical significance.** “Statistical significance” means the probability that a result is likely to be due to chance alone. By convention, a difference between two groups is usually considered statistically significant if chance could explain it only five percent of the time or less. Study design considerations may influence the *a priori* choice of a different statistical significance level.

Subp. ~~39~~ 41. **Subchronic health risk value or subchronic HRV.** “Subchronic health risk value” or “subchronic HRV” means the concentration of a chemical or defined mixture of chemicals in ambient air at or below which the chemical or defined mixture of chemicals is unlikely to cause an adverse health effect to the general public when exposure occurs on a continuous basis over a less than lifetime exposure. For implementation purposes, subchronic HRVs are compared to a 13-week averaged concentration of a chemical or defined mixture of chemicals in ambient air. A subchronic HRV is expressed in units of micrograms of the chemical or defined mixture of chemicals per cubic meter of air (mg/m^3).

Subp. ~~40~~ 42. **Uncertainty factor.** “Uncertainty factor” means the numerical factors used to account for the variation in sensitivity among members of the human population; the uncertainty in extrapolating laboratory animal data to humans; the uncertainty in extrapolating from data obtained in a study that involves less than lifetime exposure to lifetime exposure; the uncertainty in using LOAEL data due to the absence of NOAEL data; and the inability of any single study to adequately address all possible adverse outcomes in humans.

Subp. ~~41~~ 43. **Unit risk.** “Unit risk” means the upper bound excess cancer risk from a continuous lifetime exposure to a chemical or defined mixture of chemical concentration at one microgram per cubic meter ($1 \text{ mg}/\text{m}^3$) in air.

4717.8100 TABLE OF CHRONIC HRVs.

The heading for each item contains the chemical name and, in parenthesis, the CAS RN. Each item lists the chronic HRV, the equation used to develop the chronic HRV, and the variables necessary for the equation. The equations used to develop the chronic HRV are designated as follows: “A” means calculating the $\text{NOAEL}_{[\text{HEC}]}$ or $\text{LOAEL}_{[\text{HEC}]}$ or $\text{BMC}_{[\text{HEC}]}$ under part 4717.8300, subpart 3, and applying the general equation under part 4717.8300, subpart 2; “B” means calculating the $\text{NOAEL}_{[\text{HEC}]}$ or $\text{LOAEL}_{[\text{HEC}]}$ or $\text{BMC}_{[\text{HEC}]}$ under part 4717.8300, subpart 4, and applying the general equation under part 4717.8300, subpart 2; “C” means calculating the $\text{NOAEL}_{[\text{HEC}]}$ or $\text{LOAEL}_{[\text{HEC}]}$ or $\text{BMC}_{[\text{HEC}]}$ under part 4717.8300, subpart 5, and applying the general equation under part 4717.8300, subpart 2; “D” means calculating the $\text{NOAEL}_{[\text{HEC}]}$ or $\text{LOAEL}_{[\text{HEC}]}$ or $\text{BMC}_{[\text{HEC}]}$ under part 4717.8300, subpart 6, and applying the general equation under part 4717.8300, subpart 2; and “E” means applying the equation under part 4717.8400, subpart 2. The endpoint of concern is listed for use in determining a cancer index under part 4717.8550 or a hazard index under part 4717.8600. The unit risk for carcinogens is expressed as risk per (mg/m^3).

TABLE OF CHRONIC HRVs

A.	Acetaldehyde (75-07-0)	
	Chronic HRV (mg/m ³)	5
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	2.2E-6
C.	Acrylonitrile (107-13-1)	
	Chronic HRV (mg/m ³)	0.1
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	6.8E-5
F.	Arsenic (7440-38-2)	
	Chronic HRV (mg/m ³)	0.002
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	4.3E-3
G.	Benzene (71-43-2)	
	Chronic HRV (mg/m ³)	1.3 - 4.5
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	2.2E-6 to 7.8E-6
H.	Benzidine (92-87-5)	
	Chronic HRV (mg/m ³)	0.0002
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	6.7E-2
I.	Beryllium (7440-41-7)	
	Chronic HRV (mg/m ³)	0.004
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	2.4E-3
J.	Bis(chloromethyl)ether (542-88-1)	
	Chronic HRV (mg/m ³)	0.0002
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	6.2E-2
L.	1,3-Butadiene (106-99-0)	
	Chronic HRV (mg/m ³)	0.04
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	2.8E-4

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.

Adopted Rules

M.	Cadmium (7440-43-9)	
	Chronic HRV (mg/m ³)	0.006
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	1.8E-3
P.	Chromium VI (18540-29-9)	
	Chronic HRV (mg/m ³)	0.0008
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	1.2E-2
Q.	Coke oven emissions (8007-45-2)	
	Chronic HRV (mg/m ³)	0.02
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	6.2E-4
R.	1,2-Dibromoethane (106-93-4)	
	Chronic HRV (mg/m ³)	0.05
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	2.2E-4
S.	Dichloromethane (75-09-2)	
	Chronic HRV (mg/m ³)	20
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	4.7E-7
X.	Epichlorohydrin (106-89-8)	
	Chronic HRV (mg/m ³)	8
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	1.2E-6
AA.	Formaldehyde (50-00-0)	
	Chronic HRV (mg/m ³)	0.8**
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	1.3E-5
DD.	Hydrazine/Hydrazine sulfate (302-01-2)	
	Chronic HRV (mg/m ³)	0.002
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	4.9E-3
JJ.	Naphthalene (91-20-3)	
	Chronic HRV (mg/m ³)	3
	Endpoint of concern	Upper respiratory system
	Equation	D
	LOAEL (HEC) (mg/m ³)	9.3
	Uncertainty factor	3,000

KK <u>JJ</u> .	Nickel refinery dust (*)	
	Chronic HRV (mg/m ³)	0.04
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	2.4E-4
LL <u>KK</u> .	Nickel subsulfide (12035-72-2)	
	Chronic HRV (mg/m ³)	0.02
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	4.8E-4
MM <u>LL</u> .	2-Nitropropane (79-46-9)	
	Chronic HRV (mg/m ³)	20
	Endpoint of concern	Hepatic system
	Equation	D
	LOAEL _[HEC] (mg/m ³)	1.6E1
	Uncertainty factor	1,000
NN <u>MM</u> .	Propylene oxide (75-56-9)	
	Chronic HRV (mg/m ³)	3
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	3.7E-6
OO <u>NN</u> .	Styrene (100-42-5)	
	Chronic HRV (mg/m ³)	1000
	Endpoint of concern	Nervous system
	Equation	D
	NOAEL _[HEC] (mg/m ³)	3.4E1
	Uncertainty factor	30
PP <u>OO</u> .	Toluene (108-88-3)	
	Chronic HRV (mg/m ³)	400
	Endpoint of concern	Nervous system and upper respiratory system
	Equation	D
	LOAEL _[HEC] (mg/m ³)	1.19E2
	Uncertainty factor	300
QQ <u>PP</u> .	2,4-/2,6-Toluene diisocyanate (26471-62-5)	
	Chronic HRV (mg/m ³)	0.08**
	Endpoint of concern	Lower respiratory system
	Equation	D
	NOAEL _[HEC] (mg/m ³)	2.3E-3
	Uncertainty factor	30

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.

Adopted Rules

RR QQ.	Vinyl acetate (108-05-4)	
	Chronic HRV (mg/m ³)	200
	Endpoint of concern	Upper respiratory system
	Equation	C
	NOAEL _[HEC] (mg/m ³)	5
	Uncertainty factor	30
SS RR.	Vinyl chloride (75-01-4)	
	Chronic HRV (mg/mm ³)	1
	Endpoint of concern	Cancer
	Equation	E
	Unit risk per mg/m³	8.8E-6

* This HRV is for a chemical mixture which, therefore, does not have a chemical-specific number assigned by the Chemical Abstracts Service.

** This HRV may not provide protection for individuals who have been previously sensitized to this chemical.

4717.8150 TABLE OF SUBCHRONIC HRVs.

The heading for each item contains the chemical name and, in parenthesis, the CAS RN. Each item lists the subchronic HRV, the equation used to develop the subchronic HRV, and the variables necessary for the equation. The equations used to develop the subchronic HRV are designated as follows: "A" means calculating the NOAEL_[HEC] or LOAEL_[HEC] or BMC_[HEC] under part 4717.8300, subpart 3, and applying the general equation under part 4717.8300, subpart 2; "B" means calculating the NOAEL_[HEC] or LOAEL_[HEC] or BMC_[HEC] under part 4717.8300, subpart 4, and applying the general equation under part 4717.8300, subpart 2; "C" means calculating the NOAEL_[HEC] or LOAEL_[HEC] or BMC_[HEC] under part 4717.8300, subpart 5, and applying the general equation under part 4717.8300, subpart 2; and "D" means calculating the NOAEL_[HEC] or LOAEL_[HEC] or BMC_[HEC] under part 4717.8300, subpart 6, and applying the general equation under part 4717.8300, subpart 2. The endpoint of concern is listed for use in determining a hazard index under part 4717.8600.

TABLE OF SUBCHRONIC HRVs

Q.	Ethylene glycol monoethyl ether (110-80-5)	
	Subchronic HRV (mg/m³)	2,000
	Endpoint of concern	Male reproductive system
	Equation	D
	NOAEL_[HEC] (mg/m³)	6.8E-1
	Uncertainty factor	30
P Q.	Ethylene glycol monomethyl ether(EGME) or 2-methoxyethanol (109-86-4)	
	Subchronic HRV (mg/m ³)	60
	Endpoint of concern	Male reproductive and hematologic systems
	Equation	D
	NOAEL _[HEC] (mg/m ³)	1.7E1
	Uncertainty factor	300
Q P.	Hydrogen sulfide (7783-06-4)	
	Subchronic HRV (mg/m ³)	10
	Endpoint of concern	Upper respiratory system
	Equation	C
	NOAEL _[HEC] (mg/m ³)	1.01
	Uncertainty factor	100
R Q.	Phosphine (7803-51-2)	
	Subchronic HRV (mg/m ³)	3
	Endpoint of concern	Decreased body weight
	Equation	D
	NOAEL _[HEC] (mg/m ³)	2.5E-1
	Uncertainty factor	100

<u>S R.</u>	Propylene glycol monomethyl ether (107-98-2)	
	Subchronic HRV (mg/m ³)	20,000
	Endpoint of concern	Nervous system
	Equation	D
	NOAEL _[HEC] (mg/m ³)	6.58E2
	Uncertainty factor	30
F S.	Triethylamine (121-44-8)	
	Subchronic HRV (mg/m ³)	70
	Endpoint of concern	Upper respiratory system
	Equation	C
	NOAEL _[HEC] (mg/m ³)	1.95E1
	Uncertainty factor	300

4717.8200 TABLE OF ACUTE HRVs.

The heading for each item contains the chemical name and, in parenthesis, the CAS RN. Each item lists the acute HRV, the equation used to develop the acute HRV, and the variables necessary for the equation. The equations used to develop the acute HRV are designated as follows: ~~“A” means calculating the NOAEL_[ADJ] or LOAEL_[ADJ] or BMC_[ADJ] under part 4717.8500, subpart 3, and applying the general equation under part 4717.8500, subpart 2; “B A” means calculating the NOAEL_[ADJ] or LOAEL_[ADJ] or BMC_[ADJ] under part 4717.8500, subpart 4 3, and applying the general equation under part 4717.8500, subpart 2; “C B” means calculating the NOAEL_[ADJ] or LOAEL_[ADJ] or BMC_[ADJ] under part 4717.8500, subpart 5 4, and applying the general equation under part 4717.8500, subpart 2; “D C” means calculating the BMC or BMC_[ADJ] under part 4717.8500; and “E D” means applying the equation under part 4717.8500, subpart 6 5.~~ The endpoint of concern is listed for use in determining a hazard index under part 4717.8600.

TABLE OF ACUTE HRVs

A.	Ammonia (7664-41-7)	
	Acute HRV (mg/m ³)	3,200
	Endpoint of concern	Irritant - eye, respiratory system
	Equation	D C
	BMC (mg/m ³)	9.5
	Uncertainty factor	3
B.	Arsine (7784-42-1)	
	Acute HRV (mg/m ³)	200
	Endpoint of concern	Hematologic*
	Equation	B A
	NOAEL _[ADJ] (mg/m ³)	1.6E1
	Uncertainty factor	100
C.	Benzene (71-43-2)	
	Acute HRV (mg/m ³)	1,000
	Endpoint of concern	Reproductive/ developmental
	Equation	E D
	NOAEL (mg/m ³)	1.3E2
	Uncertainty factor	100

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.

Adopted Rules

D.	Carbon disulfide (75-15-0)	
	Acute HRV (mg/m ³)	6,000
	Endpoint of concern	Reproductive/ developmental
	Equation	E D
	NOAEL (mg/m ³)	6.2E2
	Uncertainty factor	100
E.	Chlorine (7882-50-5)	
	Acute HRV (mg/m ³)	150 290
	Endpoint of concern	Irritant - respiratory system
	Equation	A
	NOAEL _[ADJ] (mg/m ³)	1.5 <u>2.9</u>
	Uncertainty factor	10
F.	Chloroform (67-66-3)	
	Acute HRV (mg/m ³)	150
	Endpoint of concern	Reproductive/ developmental
	Equation	E D
	LOAEL (mg/m ³)	1.5E2
	Uncertainty factor	1,000
G.	Dichloromethane (75-09-2)	
	Acute HRV (mg/m ³)	10,000
	Endpoint of concern	Nervous system
	Equation	B A
	NOAEL _[ADJ] (mg/m ³)	6.8E2
	Uncertainty factor	60
H.	1,4-Dioxane (123-91-1)	
	Acute HRV (mg/m ³)	3,000
	Endpoint of concern	Irritant - eye and nasal
	Equation	B A
	LOAEL _[ADJ] (mg/m ³)	1.8E2
	Uncertainty factor	60
I.	Ethyl benzene (100-41-4)	
	Acute HRV (mg/m ³)	10,000
	Endpoint of concern	Reproductive/ developmental
	Equation	E D
	NOAEL (mg/m ³)	4.3E2
	Uncertainty factor	30
J.	Ethyl chloride (75-00-3)	
	Acute HRV (mg/m ³)	100,000
	Endpoint of concern	Reproductive/ developmental
	Equation	E D
	NOAEL (mg/m ³)	4E3
	Uncertainty factor	30

K.	Ethylene glycol monoethyl ether (110-80-5)	
	Acute HRV (mg/m ³)	400
	Endpoint of concern	Reproductive/ developmental
	Equation	E <u>D</u>
	NOAEL (mg/m ³)	3.7E1
	Uncertainty factor	100
L.	Ethylene glycol monoethyl ether acetate (111-15-9)	
	Acute HRV (mg/m ³)	100
	Endpoint of concern	Reproductive/ developmental
	Equation	E <u>D</u>
	LOAEL (mg/m ³)	1.4E2
	Uncertainty factor	1,000
M.	Ethylene glycol monomethyl ether (EGME)(109-86-4) or 2-methoxyethanol	
	Acute HRV (mg/m ³)	90
	Endpoint of concern	Reproductive/ developmental
	Equation	E <u>D</u>
	NOAEL (mg/m ³)	9.3
	Uncertainty factor	100
N.	Formaldehyde (50-00-0)	
	Acute HRV (mg/m ³)	94
	Endpoint of concern	Irritant - eye and respiratory system
	Equation	D <u>C</u>
	BMC (mg/m ³)	9.4E-1
	Uncertainty factor	10
O.	Hydrogen chloride (7647-01-1)	
	Acute HRV mg/m ³)	2,100 2,700
	Endpoint of concern	Irritant - eye and respiratory system
	Equation	A
	NOAEL _[ADJ] (mg/m ³)	2.1 <u>2.7</u>
	Uncertainty factor	1
P.	Hydrogen cyanide (74-90-8)	
	Acute HRV (mg/m ³)	300 700
	Endpoint of concern	Nervous system*
	Equation	A
	NOAEL _[ADJ] (mg/m ³)	3.4E1 <u>6.8E1</u>
	Uncertainty factor	100

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.

Adopted Rules

Q.	Hydrogen fluoride (7664-39-3)	
	Acute HRV (mg/m ³)	240
	Endpoint of concern	Irritant - respiratory system
	Equation	B <u>A</u>
	NOAEL _[ADJ] (mg/m ³)	2.4
	Uncertainty factor	10
R.	Hydrogen sulfide (7783-06-4)	
	Acute HRV (mg/m³)	80
	Endpoint of concern	Irritant - respiratory system
	Equation	A
	LOAEL_[ADJ] (mg/m³)	1.4
	Uncertainty factor	18
S R.	Methanol (67-56-1)	
	Acute HRV (mg/m³)	25,000
	Endpoint of concern	Nervous system
	Equation	B <u>A</u>
	NOAEL_[ADJ] (mg/m³)	2.5E2
	Uncertainty factor	10
F S.	Methyl bromide (74-83-9)	
	Acute HRV (mg/m³)	2,000
	Endpoint of concern	Nervous system*
	Equation	B <u>A</u>
	LOAEL_[ADJ] (mg/m³)	1.4E2
	Uncertainty factor	60
H T.	Methyl ethyl ketone (78-93-3)	
	Acute HRV (mg/m³)	10,000
	Endpoint of concern	Irritant - eye and respiratory system
	Equation	B <u>A</u>
	LOAEL_[ADJ] (mg/m³)	8E2
	Uncertainty factor	60
V U.	Nickel and nickel compounds (**)	
	Acute HRV (mg/m³)	6 11
	Endpoint of concern	Irritant - respiratory system
	Equation	A
	LOAEL_[ADJ] (mg/m³)	3.4E-2 6.7E-2
	Uncertainty factor	6
W V.	Nitric acid (7697-37-2)	
	Acute HRV (mg/m³)	86 130
	Endpoint of concern	Irritant - respiratory system
	Equation	A
	NOAEL_[ADJ] (mg/m³)	8.6E-2 1.29E-1
	Uncertainty factor	1

X <u>W</u> .	Phenol (108-95-2) Acute HRV (mg/m ³) Endpoint of concern Equation NOAEL _[ADJ] (mg/m ³) Uncertainty factor	5,800 Irritant - eye and respiratory system <u>€</u> <u>B</u> 5.8E1 10
Y <u>X</u> .	Phosgene (75-44-5) Acute HRV (mg/m ³) Endpoint of concern Equation NOAEL _[ADJ] (mg/m ³) Uncertainty factor	4 Irritant - respiratory system* B <u>A</u> 4E-1 100
Z <u>Y</u> .	Sodium hydroxide (1310-93-2) Acute HRV (mg/m ³) Endpoint of concern Equation LOAEL _[ADJ] (mg/m ³) Uncertainty factor	8 Irritant - eye, skin, and respiratory system B <u>A</u> 5E-1 60
AA <u>Z</u> .	Styrene (100-42-5) Acute HRV (mg/m ³) Endpoint of concern Equation NOAEL _[ADJ] (mg/m ³) Uncertainty factor	21,000 Irritant - eye and respiratory system B <u>A</u> 2.1E2 10
BB <u>AA</u> .	Tetrachloroethylene or perchlorethylene (127-18-4) Acute HRV (mg/m ³) Endpoint of concern Equation LOAEL _[ADJ] (mg/m ³) Uncertainty factor	20,000 Irritant - eye and respiratory and nervous systems <u>€</u> <u>B</u> 1.2E3 60
CC <u>BB</u> .	Toluene (108-88-3) Acute HRV (mg/m ³) Endpoint of concern Equation NOAEL _[ADJ] (mg/m ³) Uncertainty factor	37,000 Irritant - eye and respiratory and nervous systems <u>€</u> <u>B</u> 3.7E2 10

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.

Adopted Rules

DD <u>CC</u> .	1,1,1-Trichloroethane or methyl chloroform (71-55-6)	
	Acute HRV (mg/m ³)	68,000 140,000
	Endpoint of concern	Nervous system
	Equation	A
	NOAEL _[ADJ] (mg/m ³)	6.8E2 <u>1.37E3</u>
	Uncertainty factor	10
EE <u>DD</u> .	Trichloroethylene (79-01-6)	
	Acute HRV (mg/m ³)	2,000
	Endpoint of concern	Reproductive/ developmental
	Equation	E <u>D</u>
	LOAEL (mg/m ³)	5.4E2
	Uncertainty factor	300
FF <u>EE</u> .	Triethylamine (121-44-8)	
	Acute HRV (mg/m ³)	2,800
	Endpoint of concern	Irritant - eye; transient corneal edema
	Equation	C <u>B</u>
	NOAEL _[ADJ] (mg/m ³)	2.8E1
	Uncertainty factor	10
GG <u>FF</u> .	Vanadium pentoxide (1314-62-1)	
	Acute HRV (mg/m ³)	30
	Endpoint of concern	Irritant - respiratory system
	Equation	C <u>B</u>
	LOAEL _[ADJ] (mg/m ³)	3E-1
	Uncertainty factor	10
HH <u>GG</u> .	Xylenes (1330-20-7)	
	Acute HRV (mg/m ³)	22,000 43,000
	Endpoint of concern	Irritant - eye and respiratory and nervous systems
	Equation	A
	NOAEL _[ADJ] (mg/m ³)	2.2E2 <u>4.3E2</u>
	Uncertainty factor	10

* This HRV is for a chemical where there is little magnitude difference between the level where mild irritancy occurs and levels where more severe adverse health effects occur.

** This HRV is for a chemical mixture which, therefore, does not have a chemical-specific number assigned by the Chemical Abstracts Service.

4717.8250 TABLE OF MHRVs FOR MULTIMEDIA EXPOSURE TO AIR TOXICS.

The heading for each item contains the chemical name and, in parenthesis, the CAS RN. Each item lists the MHRV and the variables necessary for the equation. The equations used to develop the MHRV are designated as follows: "A" means applying the equation under part 4717.8350 for noncarcinogenic effects of toxicants and "B" means applying the equation under part 4717.8450 for ~~noncarcinogens~~ carcinogens. The endpoint of concern is listed for use in determining a cancer index under 4717.8550 or a hazard index under part 4717.8600.

TABLE OF MHRVs

~~I~~ 2,3,7,8 Tetrachlorodibenzodioxin (TCDD) (1746-01-6)

MHRV (pg/kg-day)*	0.07
Endpoint of concern	Cancer
Equation	B
Potency slope [mg/kg-day]⁻¹	1.5E5

~~* pg/kg-day (picograms per kilogram per day)~~

4717.8300 EQUATIONS FOR CALCULATION OF HRVs FOR NONCARCINOGENIC EFFECTS OF TOXICANTS.

Subpart 1. **Scope.** This part establishes the method for determining the health risk values (HRVs) for noncarcinogenic effects of toxicants.

Subp. 2. **General equation; calculating HRV for noncarcinogenic effect of toxicant.** The equation for calculating an HRV for a noncarcinogenic effect of a toxicant is:

$$\text{HRV} = \frac{\text{NOAEL}_{[\text{ADJ}]} \text{ or } \text{LOAEL}_{[\text{ADJ}]} \text{ or } \text{BMC}_{[\text{ADJ}]}}{(\text{Uncertainty factor})(\text{Modifying factor})} \times 1,000$$

or

$$\text{HRV} = \frac{\text{NOAEL}_{[\text{HEC}]} \text{ or } \text{LOAEL}_{[\text{HEC}]} \text{ or } \text{BMC}_{[\text{HEC}]}}{(\text{Uncertainty factor})(\text{Modifying factor})} \times 1,000$$

Where:

- A. HRV is expressed in units of micrograms per cubic meter (mg/m³) of air;
- B. NOAEL_[ADJ] or [HEC], LOAEL_[ADJ] or [HEC], or BMC_[ADJ] or [HEC] is expressed in units of milligrams per cubic meter (mg/m³) of air;
- C. uncertainty factor and modifying factor are unitless;
- D. the default value for modifying factor is one unless otherwise specified in part 4717.8100 or 4717.8150; and
- E. 1,000 is a factor to convert milligrams to micrograms.

4717.8350 EQUATION FOR CALCULATION OF MHRV FOR NONCARCINOGENIC EFFECTS OF TOXICANTS.

Subpart 1. **Scope.** This part establishes the method for determining the multimedia health risk value (MHRV) for a effect of a toxicant emitted to the air.

Subp. 2. **Equation for MHRV for noncarcinogenic effect of toxicant.** The equation for calculating ~~an~~ a MHRV for a noncarcinogenic effect of a toxicant is:

$$\text{MHRV} = \frac{\text{NOAEL or LOAEL or BMD}}{(\text{Uncertainty factor})(\text{Modifying factor})} ; \quad 1,000$$

Where:

- A. MHRV is expressed in units of micrograms of chemical or defined mixture of chemicals per kilogram of body weight per day (mg/kg-day);
- B. NOAEL, LOAEL, or BMD is expressed in units of milligrams of chemical or defined mixture of chemicals per kilogram body weight per day (mg/kg-day);
- C. uncertainty factor and modifying factor are unitless;
- D. the default value for modifying factor is one unless otherwise specified in part 4717.8250; and
- E. 1,000 is a factor to convert milligrams to micrograms.

4717.8500 EQUATIONS FOR CALCULATION OF HRVs FOR ACUTE TOXICITY.

~~Subp. 3. **Equation for acute irritant; study exposure time from 30 minutes to one hour.** The equation for calculating a NOAEL, LOAEL, or BMC for an acute irritant based on data from a scientific study where the exposure time ranges from 30 minutes up to, but not including, one hour is:~~

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.

Adopted Rules

~~NOAEL_(study) or LOAEL_(study) or BMC_(study); exposure duration_(study) = NOAEL_[ADJ] or LOAEL_[ADJ] or BMC_[ADJ]; 60~~

Where:

~~A. NOAEL_(study), LOAEL_(study), or BMC_(study) is expressed in units of milligrams of a chemical or defined mixture of chemicals per cubic meter (mg/m³) of air used in the study as the exposure concentration;~~

~~B. exposure is expressed in units of minutes of exposure or time to effect used in the study; and~~

~~C. NOAEL_[ADJ], LOAEL_[ADJ], or BMC_[ADJ] is expressed in units of milligrams per cubic meter (mg/m³) of air.~~

~~Subp. 4. 3. **Equation Methods of calculation for acute irritant; study exposure time from one 30 minutes to two hours.** The equation for calculating a NOAEL_[ADJ], LOAEL_[ADJ], or BMC_[ADJ] for an acute irritant based on data from a study where exposure time or adverse health effect onset time ranges from one hour up to and including two hours when data from the study are used without being adjusted for time of exposure is:~~

$$\frac{\text{NOAEL}_{(study)} \text{ or LOAEL}_{(study)} \text{ or BMC}_{(study)}}{\text{NOAEL}_{[ADJ]} \text{ or LOAEL}_{[ADJ]} \text{ or BMC}_{[ADJ]}}$$

~~For acute irritants where the study time is 30 minutes to two hours, the study NOAEL or LOAEL will be used without adjustment. For studies where the exposure time is 30 minutes to two hours and a BMC approach is used, a time adjustment may be necessary. When a BMC approach is used, the equation for calculating a BMC_[ADJ] is:~~

$$\text{BMC}_{[ADJ]} \times 60 \text{ minutes} = \text{BMC}_{(study)} \times \text{exposure duration}$$

Where:

~~A. NOAEL_(study), LOAEL_(study), or BMC_(study) is expressed in units of milligrams of a chemical or defined mixture of chemicals per cubic meter (mg/m³) of air used in the study as the exposure concentration; and~~

~~B. NOAEL_[ADJ], LOAEL_[ADJ], or BMC_[ADJ] is expressed in units of milligrams per cubic meter (mg/m³) of air.~~

~~Subp. 5. 4. **Equation for acute irritant; study exposure time from two to eight hours.** The equation for calculating a NOAEL_[ADJ], LOAEL_[ADJ], or BMC_[ADJ] for an acute irritant based on data from a study where the exposure time or adverse health effect onset time is greater than two hours but less than or equal to eight hours is:~~

~~(NOAEL_(study)ⁿ or LOAEL_(study)ⁿ or BMC_(study)ⁿ) (exposure duration or onset of critical effect) = NOAEL_[ADJ] or LOAEL_[ADJ] or BMC_[ADJ]~~

Where:

~~A. NOAEL_(study), LOAEL_(study), or BMC_(study) is expressed in units of milligrams of a chemical or defined mixture of chemicals per cubic meter (mg/m³) of air used in the study as the exposure concentration;~~

~~B. the default value for n is 2 unless noted otherwise;~~

~~C. the exposure duration represents the time at which the critical effect occurred. This most often is the exposure duration, but in some instances the critical effect may differ from the exposure duration, depending on the critical endpoint being observed; and~~

~~D. NOAEL_[ADJ], LOAEL_[ADJ], or BMC_[ADJ] is expressed in units of milligrams per cubic meter (mg/m³) of air.~~

~~Subp. 6. 5. **Calculation of HRV for chemical causing reproductive/developmental toxicity.** The equation for calculating an HRV for a chemical or defined mixture of chemicals causing reproductive/developmental toxicity is:~~

$$\text{HRV} = \frac{\text{NOAEL or LOAEL or BMC}}{(\text{Uncertainty factor}) (\text{Modifying factor})}; 1,000$$

Where:

A. HRV is expressed in units of micrograms per cubic meter (mg/m³) of air;

B. NOAEL, LOAEL, or BMC is expressed in units of milligrams per cubic meter (mg/m³) of air;

C. uncertainty factor and modifying factor are unitless;

D. the default value for modifying factor is one unless otherwise specified in part 4717.8200; and

E. 1,000 is a factor to convert milligrams to micrograms.

4717.8600 PROCEDURE FOR DETERMINING HAZARD INDEX FOR ASSESSING SIMULTANEOUS EXPOSURE TO MULTIPLE TOXICANTS WITH NONCARCINOGENIC TOXICANTS EFFECTS.

Subpart 1. **Hazard index.** When simultaneous exposure is evaluated for multiple toxicants with noncarcinogenic toxicants effects, a hazard index must be calculated using the procedure in this part.

Subp. 2. **HRVs for toxicants with noncarcinogenic effects.** For health risk values (HRVs) that have endpoints other than cancer, items A to D apply.

C. When two or more chemicals or defined mixtures of chemicals have the same endpoint, a hazard index must be determined using the following equation:

$$\text{Hazard Index} = \frac{E_{ST1}}{HRV_{ST1}} + \frac{E_{ST2}}{HRV_{ST2}} + \dots + \frac{E_{STn}}{HRV_{STn}}$$

Where:

(1) E_{STn} represents the measured or modeled ambient air concentration of the first, second, through the n^{th} toxicant with noncarcinogenic toxicant effects in air as expressed in units of micrograms per cubic meter (mg/m^3); and

(2) HRV_{STn} represents the HRV of the first, second, through the n^{th} toxicant with noncarcinogenic toxicant effects as expressed in units of micrograms per cubic meter (mg/m^3).

Subp. 3. **MHRVs for toxicants with noncarcinogenic effects.** For multimedia health risk values (MHRVs) that have endpoints other than cancer, items A to C apply.

B. When two or more chemicals or defined mixtures of chemicals have the same endpoint, a hazard index must be determined using the following equation:

$$\text{Hazard Index} = \frac{D_{ST1}}{MHRV_{ST1}} + \frac{D_{ST2}}{MHRV_{ST2}} + \dots + \frac{D_{STn}}{MHRV_{STn}}$$

Where:

(1) D_{STn} represents the calculated dose of the first, second, through the n^{th} toxicant with noncarcinogenic toxicant effects as expressed in micrograms per kilogram of body weight per day ($\text{mg}/\text{kg}\cdot\text{d}$); and

(2) $MHRV_{STn}$ represents the MHRV of the first, second, through the n^{th} toxicant with noncarcinogenic toxicant effects as expressed in micrograms per kilogram of body weight per day ($\text{mg}/\text{kg}\cdot\text{d}$).

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.

Executive Orders

The governor has the authority to issue written statements of orders, called Executive Orders, as well as Emergency Executive Orders. The governor's authority is specified in the *Constitution of the State of Minnesota*, Article V, and in *Minnesota Statutes* 4.035. Emergency Executive Orders, for protection from an imminent threat to health and safety, become effective immediately, are filed with the secretary of state, and published in the *State Register* as soon as possible after they are issued. Other Executive Orders become effective 15 days after publication in the *State Register* and filing with the secretary of state. Unless otherwise specified, an executive order expires 90 days after the date the governor who issued the order vacates office.

Office of the Governor

Executive Order # 02-01: Providing for Personnel and Equipment for the Prairie Island Nuclear Power Plant Drill and Exercise

I, **JESSE VENTURA, 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 Minnesota Department of Public Safety, Division of Emergency Management, has requested assistance in providing personnel and equipment to support the Prairie Island Nuclear Power Plant Drill and Exercise; and

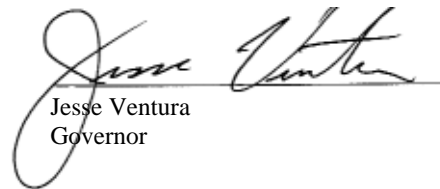
WHEREAS, adequate personnel and equipment are not available from the Department of Public Safety, other participating agencies, Goodhue and Dakota Counties of Minnesota, and other local authorities;

NOW, THEREFORE, I hereby order that:

1. The Adjutant General of Minnesota order to active duty as needed during the period March 14, 2002 to May 15, 2002, in the service of the State, such personnel and equipment of the military forces of the State needed by the Department of Public Safety and Goodhue and Dakota Counties to successfully complete the Prairie Island Nuclear Power Plant Drill and Exercise.
2. The cost of subsistence, transportation, fuel, pay and allowances of said individuals shall be paid by the Department of Public Safety, Division of Emergency Management, as provided by an interdepartmental agreement dated August 7, 1995.

Pursuant to *Minnesota Statutes 2000*, Section 4.035, subd. 2, this Order shall be effective March 14, 2002 through May 15, 2002.

IN TESTIMONY WHEREOF, I have set my hand this 8th day of March, 2002.



Jesse Ventura
Governor

Filed According to Law:



Mary Kiffmeyer
Secretary of State

Official Notices

Pursuant to *Minnesota Statutes* §§ 14.101, an agency must first solicit comments from the public on the subject matter of a possible rulemaking proposal under active consideration within the agency by publishing a notice in the *State Register* at least 60 days before publication of a notice to adopt or a notice of hearing, and within 60 days of the effective date of any new statutory grant of required rulemaking. The *State Register* also publishes other official notices of state agencies and non-state agencies, including notices of meetings and matters of public interest.

Department of Agriculture

Agronomy and Plant Protection Division

Notice of Meetings of the Common Detection Advisory Committee

NOTICE IS HEREBY GIVEN that the Minnesota Department of Agriculture is convening the Common Detection Advisory Committee on Pesticides in Minnesota's Water Resources on Friday, March 29 from 9:30 a.m. to 12:00 noon, in Conference Room 1, Department of Agriculture Building, 90 West Plato Boulevard, St. Paul, Minnesota. This meeting will be held to review water resource monitoring data and other Committee-related information. For those unable to attend the March 29 meeting, water resource monitoring data will be presented again on April 2 from 9:30 a.m. to 12:00 noon in Conference Room 1 at the same address and room. Committee deliberations on the monitoring data and related information will occur on Tuesday, April 23 and Wednesday, April 24 from 9:30 a.m. to 4:00 p.m. each day at the same address and room.

For additional information, call Joe Zachmann **phone** at: (651) 205-4788 or send an **email** message to: joseph.zachmann@state.mn.us

Board of Animal Health

Quarterly Meeting of the Board

NOTICE IS HEREBY GIVEN that The Board of Animal Health will hold its quarterly meeting on Friday April 19, 2002 at 9:30 a.m., at the Board's office in the Minnesota Department of Agriculture, 90 West Plato Boulevard, St. Paul, Minnesota.

Dated: 6 March 2002

Minnesota Department of Commerce

Minnesota Joint Underwriting Association Notice of Activation to Insure Specified Classes of Business and Public Hearing

NOTICE IS HEREBY GIVEN that, pursuant to *Minnesota Statutes*, section 62I.21, the Minnesota Joint Underwriting Association (MJUA) and the Market Assistance Plan (MAP) are activated to provide assistance to the following classes of business unable to obtain insurance from private insurers:

- **Career Fiduciary**

The MJUA and MAP are activated to provide assistance to the above classes of business for a period of 180 days following publication of this notice. A public hearing will be held, for the purpose of determining whether activation should continue beyond 180 days, at the Office of Administrative Hearings, 100 Washington Square, Suite 1700, Minneapolis, Minnesota, 55401-2138, on Tuesday, April 16, 2002, at 9:30 a.m., and continuing until all interested persons and groups have had an opportunity to be heard. The hearing shall be governed by *Minnesota Statute* Sections 14.57-14.69 and by *Minnesota Rules* Parts 1400.1500-1400.8400, (1985). Questions regarding the procedure may be directed to Administrative Law Judge Richard C. Luis, Office of Administrative Hearings, 100 Washington Square, Suite 1700, Minneapolis, MN 55401-2138, **phone**: (612) 349-2542. The authority for this proceeding is found in Chapter 62I of *Minnesota Statutes*, specifically sections 62I.21 and 62I.22.

Prior to the hearing a pre-hearing conference will be held at 1:30 p.m., on Friday, April 5, 2002, at the Office of Administrative Hearings, 100 Washington Square, Suite 1700, Minneapolis, Minnesota 55401-2138.

Minnesota Statutes, Chapter 62I, which governs the Minnesota Joint Underwriting Association provides for temporary activation for 180 days by the Commissioner of Commerce. To extend the Minnesota Joint Underwriting Association's authority beyond the

Official Notices

180 day period a hearing must be held. Those classes of business for which the Minnesota Joint Underwriting Association was temporarily activated, by this notice and by previously published notices, must prove, at the hearing, that they meet the statutory requirements for coverage by the Minnesota Joint Underwriting Association.

Among those requirements are:

- (1) That members of those classes are unable to obtain insurance through ordinary means;
- (2) That the insurance being sought is required by statute, ordinance, or otherwise required by law, or is necessary to earn a livelihood or conduct a business; and
- (3) That the classes of business serve a public purpose.

The classes of business specified in this notice and previously published notices must be shown to meet the statutory requirements of the Minnesota Joint Underwriting Association's authority to provide coverage to them will end after 180 days from the date the notice of activation was published in the *State Register*.

Activation of a class of business does not guarantee coverage to any class member. Coverage of individual class members is determined by the Minnesota Joint Underwriting Association on a case by case basis once the class has been activated. The MJUA's address is: Pioneer Post Office Box 1760, St. Paul, Minnesota 55101. Their **phone** number is: (651) 222-0484.

The Department strongly suggests that any persons affected by this hearing or otherwise interested in the proceedings familiarize themselves with the requirements of Chapter 62I and the contested case procedures prior to the hearing, that they take such other steps as are appropriate to protect their interest and that any questions they may have as to how to proceed or how to participate at the hearing be directed to the Administrative Law Judge prior to the hearing.

All interested or affected persons will have an opportunity to participate at the hearing. Questioning of agency representatives or witnesses, and of interested persons making oral statements will be allowed in the manner set forth in the Rules pertaining to contested cases (*Minnesota Rules* parts 1400.1500-1400.8400).

Anyone wishing to oppose activation beyond the 180 days for any particular class, must file a petition to intervene with the administrative law judge at least 10 days before the hearing date. If no notice to intervene is filed for a class, then the class is activated beyond the 180 day period without further action.

Minnesota Statutes chapter 10A requires each lobbyist to register with the State of Ethical Practices Board within five days after he or she commences lobbying. A lobbyist is defined in *Minnesota Statute* Section 10A.01, subdivision 11 as an individual:

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

The statute provides certain exceptions. Questions should be directed to the Ethical Practices Board, 625 North Robert Street, St. Paul, Minnesota 55101, **phone:** (612) 296-5148.

Dated: 1 March 2002

Minnesota Department of Commerce

REQUEST FOR COMMENTS on Possible Waiver of *Minnesota Statutes* Sections 62A.315, 62A.316 and Other Applicable Statutes and Rules Governing the Issuance of Medicare Supplement Policies for a Proposed Demonstration Project

Background

United Healthcare Insurance Company has submitted a request to the Commissioner of Commerce for authority to proceed with a Medicare supplement demonstration project authorized under *Minnesota Statutes* Section 62A.421. If granted, United Healthcare intends to issue policies identified as Plans H, I and J to Minnesota residents who are members of AARP. These plans would not comply with *Minnesota Statutes* Sections 62A.31, subd. 1(a) and (2), 62A.315 and 62A.316, which set forth specific mandates for

Basic and Extended Basic Medicare supplement plans issued to Minnesota residents. In accordance with *Minnesota Statutes* Section 62A.421, United Healthcare has asked for a waiver in order to proceed with the demonstration project.

Persons Affected

The waiver would affect members of AARP who choose to purchase association sponsored Medicare supplement policies.

Statutory Authority

Minnesota Statute Section 62A.421 requires the Commissioner of Commerce to provide an opportunity for the public to comment before granting a waiver of compliance with any statute or rule for demonstration project applicants.

Request for Comments

The Commissioner of Commerce requests comments on the possible waiver of statutes governing Medicare supplement policies intended for issue to members of AARP. Interested persons or groups may submit comments or information until 4:30 p.m. on Friday, April 19, 2002.

Agency Contact Person

Written comments, questions, and request for additional information on the possible waiver should be direct to: Julie Lee at the Department of Commerce, 85 7th Place East, Suite 500, St. Paul, MN 55101, **phone:** (651) 297-4291; **fax:** (651) 284-4106, **email:** *Julie.Lee@state.mn.us*

Minnesota Comprehensive Health Association

Notice of Proposed Premium Rate Meetings

NOTICE IS HEREBY GIVEN that a representative of the Minnesota Comprehensive Health Association's (MCHA) executive staff and a representative of the Minnesota Department of Commerce will hold premium rate meetings in Minnesota as indicated below. The purpose of the meetings is to allow MCHA enrollees an opportunity to comment on the proposed premium rates. Any rate change must be approved by the Minnesota Department of Commerce. New premium rates would go into effect on July 1, 2002.

For additional information, please call Lynn Gruber at (952) 593-9609.

**SCHEDULE OF 2002 PUBLIC MEETINGS ON
PROPOSED PREMIUM RATES**

<u>LOCATION</u>	<u>DATE</u>	<u>TIME</u>
ROCHESTER	Thursday, March 26, 2002 Best Western Apache 1617 16th Street S.W. Rochester, MN Phone: (507) 289-8866	6:30 p.m.
FERGUS FALLS	Tuesday, April 2, 2002 Bigwood Event Center 925 Western Avenue Fergus Falls, MN Phone: (218) 739-2211	6:30 p.m.

Official Notices

BRAINERD	Wednesday, April 3, 2002 Ramada Inn Brainerd (previously the Holiday Inn Brainerd) 2115 S. 6th Street Brainerd, MN Phone: (218) 829-1441	6:30 p.m.
TWIN CITIES	Thursday, April 4, 2002 Radisson Hotel South 7800 Normandale Boulevard Bloomington, MN Phone: (952) 835-7800	6:30 p.m.

In case of inclement weather, please call the hotel to be informed of meeting cancellation. If you are unable to attend these meetings for any reason, please log onto the MCHA **website** at: mchamn@aol.com for data provided at the meeting.

Minnesota Housing Finance Agency

Notice of Public Hearing on 2003 Housing Tax Credit Allocation Plan

The Minnesota Housing Finance Agency (MHFA) will hold a public hearing pursuant to Section 42 of the Internal Revenue Code of 1986, as amended. The public hearing will be held at the time and place listed below:

Wednesday April 3, 2002
1:00 p.m. - 3:00 p.m. - Jelatis Conference Room, 3rd Floor
Minnesota Housing Finance Agency
400 Sibley Street, Suite 300
St. Paul, MN

The Omnibus Budget Reconciliation Act of 1989 (OBRA) requires that Housing Tax Credit Allocating Agencies develop a plan for allocating tax credits within their jurisdiction, setting forth criteria to determine priorities for selection of developments to receive tax credits. The OBRA also requires Tax Credit Agencies to hold a public hearing to receive public comment on the Allocation Plan.

The above public hearing is for the 2003 Allocation Plan developed by MHFA, in cooperation with local government representatives, for use within the Tax Credit Allocation jurisdiction of the MHFA. Other Tax Credit Suballocating Agencies in Minnesota will be holding public hearings for their areas of jurisdiction. Currently, the following cities and counties are eligible to be Suballocating Agencies in Minnesota: Duluth, St. Cloud, Rochester, Minneapolis, St. Paul, Washington County and Dakota County.

All persons interested will be given an opportunity to express their views. In order to more effectively plan for the conduct of the hearings, persons desiring to speak at the hearing must so request in writing at least 24 hours before the hearing. Oral remarks by any person will be limited to 10 minutes. Written comments may also be submitted to the undersigned, and will be considered at the hearing.

Note that this public hearing is not a workshop or training session, but is intended to solicit the comments of the public.

Copies of summaries of the proposed changes to the Housing Tax Credit Procedural Manual and Qualified Allocation Plan may be picked up at the address listed below, by written or phone request (651) 296-4451 to MHFA, or by checking the MHFA **website** at: www.mhfa.state.mn.us

Minnesota Housing Finance Agency
Multifamily Underwriting
Housing Tax Credit Program
400 Sibley Street, Suite 300
St. Paul, MN 55101

Minnesota State Retirement System

Board of Directors Regular Meeting

The Board of Directors of the Minnesota State Retirement System (MSRS) will be meeting on Friday, March 22, 2002, at 9:00 a.m., in the Retirement Systems of Minnesota Building, 60 Empire Drive, Suite 117 – Board Room, St. Paul, Minnesota 55103.

Department of Transportation

State Aid for Local Transportation Group

Notice of Appointment and Meeting of a State Aid Variance Committee

NOTICE IS HEREBY GIVEN that the Commissioner of Transportation has appointed a State Aid Variance Committee who will conduct a meeting on Thursday, March 21, 2002 at 10:00 a.m., at the Arden Hills Training Center, located at 900 West County Road I, in Shoreview, Minnesota, 55126.

This notice is given pursuant to *Minnesota Statute* 47k.705.

The purpose of this open meeting is to investigate and determine recommendations for variance requests from minimum State Aid roadway standards and administrative procedures as governed by *Minnesota Rules* for State Aid Operations 8820.3300 adopted pursuant to *Minnesota Statutes* Chapters 161 and 162.

The agenda will be limited to the following:

1. **Petition of the City of Carver** for a variance from *Minnesota Rules* 8820.9961, as they apply to the proposed construction project located in the City of Carver, in Carver County Minnesota, located on County State Aid No. 40 (Broadway Street), between Fourth Street and Main Street; so as to allow a 62 foot roadway from face to face curb with 45 degree diagonal parking on both sides of the roadway in lieu of the required 90 foot roadway width.
2. **Petition of Lac Qui Parle County** for a variance from *Minnesota Rules* 8820.9936, as they apply to the proposed reconstruction of County State Aid Highway No. 202 (Fourth Street), located between First and Second Avenue located in the City of Nassau in Lac Qui Parle, Minnesota, so as to allow traffic lanes of 10.5 feet in width in lieu of the minimum 11-foot width required by standards.
3. **Petition of Morrison County** for a variance from *Minnesota Rules* 8820.9920, as they apply to the proposed reconstruction of County State Aid Highway No. 52, located in Morrison County located 4.7 miles north of County State Aid Highway No. 26 to Pike Creek Bridge, so as to allow the use of the low speed urban horizontal curve design standards in lieu of the 40 mile per hour rural/suburban horizontal design curve.
4. **Petition of Sherburne County** for a variance from *Minnesota Rules* 8820.9936, as they apply to the proposed reconstruction of County State Aid Highway No. 1, located in Sherburne County located between 277th Avenue and 283rd 1/2 Avenue, so as to allow 11 foot traffic lanes in lieu of the minimum 12-foot width, so as to allow 3 foot shoulder in lieu of the required 4-foot shoulder and so as to allow a clear zone of 9 feet for approximately 100 feet in lieu of the required 10-foot clear zone located approximately 100 feet north of intersection of County Road 42.
5. **Petition of City of Maplewood** for a variance from *Minnesota Rules* 8820.9936, as they apply to the proposed roundabout located at the intersection of Frost Avenue and English Street in Maplewood, so as to allow a 15 mph design speed in lieu of the required minimum 30 mph geometric and design standard.
6. **Petition of City of City of Brooklyn Center** for a variance from *Minnesota Rules* 8820.9936, as they apply to the proposed reconstruction of 53rd Avenue North and Old Osseo Road, so as to allow a 25 mph design speed in lieu of the required 30 mph design speed.

Official Notices

The local government agencies listed previously are requested to adhere to the following time schedule when appearing before the Variance Committee:

10:00 a.m.	City of Carver
10:30 a.m.	Lac Qui Parle County (City of Nassua)
11:00 a.m.	Morrison County
12:00 p.m.	Sherburne County
12:30 p.m.	City of Maplewood
1:00 p.m.	City of Brooklyn Center

Dated: 11 March 2002

Julie A. Skallman
State Aid Engineer
State Aid for Local Transportation

State Grants & Loans

In addition to requests by state agencies for technical/professional services (published in the State Contracts section), the *State Register* also publishes notices about grants and loans available through any agency or branch of state government. Although some grant and loan 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 and loan notices, and to provide financial estimates as well as sufficient time for interested parties to respond.

Department of Administration

Office of Technology

Notice of the Technology Enterprise Funds Available - Return Date Extended

NOTICE IS HEREBY GIVEN that due to the state's budget shortfall, the date for returning completed applications for Technology Enterprise Funds has been extended to April 15, 2002. The availability of the funding was announced in the February 25, 2002 *State Register*. The extension of time is being offered to allow agencies an adequate amount of time to respond given that much of the department energy has been diverted to the state's budget. Completed applications should be returned electronically to the Office of Technology. The Technology Enterprise Board anticipates that it will evaluate applications and make funding decisions May 3, 2002.

Notification will be made to all grant applicants via US Mail soon after the decision date.

Again, funding applications may be obtained on the Board's **webpage** at: www.ot.state.mn.us/teb

Department of Economic Security Rehabilitation Services Branch

Notice of Availability of New Funding Available for Coordinated Employability Services for Persons with Serious Mental Illness (SMI)

The Minnesota Department of Economic Security-Rehabilitation Services is requesting proposals to develop and implement new or enhanced coordinated community-based employability services for adults with Serious Mental Illness. This funding is available through the Department of Economic Security (DES)-Rehabilitation Services (RS) in collaboration with the Department of Human Services-Mental Health Division (MHD) through a joint interagency cooperative agreement.

Projects considered for funding must develop or enhance linkages and interagency collaboration to provide employment services leading to competitive or supported employment outcomes for adults with SMI. The approach should be designed to improve the acquisition, quality and permanence of employment. Services may include: functional assessment, individualized career planning, job development and job placement, support services designed to assist the individual in succeeding in post-secondary education, job coaching and the provision of employment supports necessary to obtain, maintain and advance in employment in the community.

Not for profit organizations which provide Vocational Rehabilitation Services leading to community employment for individuals with disabilities may apply for these funds. Eligible applicants must meet the definition of a community rehabilitation program as defined in the Rehabilitation Act (P.L. 93-112 as amended by P.L. 102-569 and P.L. 105-220) and be organized as a non-profit. Applicants must also have a current operating agreement with DES/RS or be certified by DES/RS as a limited-use vendor. Applicants must be accredited in the appropriate program areas for Employment and Community Support Services by the Rehabilitation Accreditation Commission (CARF) or demonstrate their ability to become accredited within 12 months of receiving grant funds.

Applications must evidence coordination and collaboration with the local Adult Mental Health Initiative. Planning for this grant should include stakeholders from the Adult Mental Health Systems Initiative planning group including the county or counties, consumers of mental health services, local Community Support Services and/or Adult Mental Health Rehabilitation Services (AMHRS) Providers, Regional Treatment Center, and local RS Vocational Rehabilitation field office. Applications involving multiple counties or with a regional focus are encouraged.

A total of \$262,685 annually is available. Individual grant awards are expected to range from \$80,000-\$110,000. A 21.3% cash match is required to receive grant funds. Federal funds may not be used for the cash match. Examples of cash match could include: Adult Mental Health Initiative funding, private foundation funding, integrated MH funds, Rule 78 funds, CSSA or county funding or any other non-federal funding source.

It is anticipated that 2-3 projects will be funded statewide. Priority will be given to applications from areas of the state that have not had previous coordinated employability projects, and other areas of the state with demonstrated unmet need for supported employment services including the Twin Cities Metropolitan area.

Grants will be awarded on a calendar year basis starting July 1, 2002 for 12 months. Renewal of projects for continuation funding will be based on performance of the grantee in meeting grant objectives and the availability of funds. Since these projects are being funded under the Vocational Rehabilitation Program, they are time-limited to a maximum of four years of funding. Therefore, applicants must document plans for long term funding and continuation of the project once grant funding ends.

Applications in the form of a request for proposals (RFP) are available from:

Claire Courtney, M.S.,CRC, Rehabilitation Specialist-Mental Health, Department of Economic Security, Rehabilitation Services, 390 North Robert Street, St. Paul, Minnesota 55101-1812, **phone:** (651) 296-0219, **TTY:** (651) 296-3900, **email:** ccourtne@ngwmail.des.state.mn.us. Completed applications are due to the DES-RS Administrative Office no later than 12:00 noon, on Thursday, May 16, 2002.

State Contracts

Informal Solicitations: Effective March 1, 2002, informal solicitations for all contracting opportunities for professional/technical (consultant) contracts with values estimated to be over \$5,000 and under \$50,000 must be posted on the Department of Administration, Materials Management Division web page (www.mmd.admin.state.mn.us) and access P/T Contracts.

Formal Requests for Proposals: Department of Administration procedures require that formal notice of any professional/technical (consultant service) contract which has an estimated value over \$50,000 must be printed in the *State Register*. Certain quasi-state agencies and Minnesota State Colleges and Universities institutions are by law exempt from these requirements.

Minnesota State Colleges and Universities (MnSCU)

Southwest State University, Marshall, Minnesota

Notice of Intent to Solicit Proposals for a Design Build Contract for a Student/Food Services Facility

MnSCU is evaluating alternatives for Design Build of a Student/Food Service Facility to replace the building that was destroyed by fire in January of this year.

Contingent upon funding and legislative approval, MnSCU anticipates Request for Qualifications to be issued in April or May 2002. This project has an estimated construction cost in the \$10 million range. Project completion is desired by August 2003. Further details will be issued with the RFQ.

Questions should be directed to:

William J. Breyfogle, Director, Construction and Support Services
MnSCU Facilities
1450 Energy Park Dr., Suite 300
St. Paul, MN 55108
Phone: (651) 649-5932
Email: bill.breyfogle@csu.mnscu.edu

Questions may also be directed to:

Cyndi Holm, Director of Facilities
Southwest State University
1501 State Street
Marshall, MN 56258
Phone: (507) 537-7854
Email: holmcm@southwest.msus.edu

Colleges and Universities, Minnesota State (MnSCU)

St. Cloud State University

Advertisement for Bid for Environmental Safety and Health Services

Sealed proposals for services hereinafter described will be received by St. Cloud State University at the Business Office, Administrative Services Room 122, St. Cloud, Minnesota until **3:00 p.m.**, on **April 17, 2002** and will be publicly opened and read aloud. The right is reserved to accept or reject any or all bids or parts of bids and to waive informalities therein.

Bids are requested for **Environmental Safety and Health Services** as Per Request for Proposal available in the Business Office, St. Cloud State University

For further information contact:

Lisa Sparks
Director of Purchasing
St. Cloud State University
720 4th Avenue South
St. Cloud, MN 56301-4498
Phone: (320) 255-4788

Dated: 18 March 2002

Minnesota Historical Society

Request for Bids for Printing Six Issues of the Minnesota Historical Society's Member News

The Minnesota Historical Society is seeking bids from qualified firms to provide all labor, material and equipment to print six issues of Minnesota Historical Society's Member News.

All bids must be received by Chris M. Bonnell, Contracting Officer for the Minnesota Historical Society, 345 Kellogg Boulevard West, Saint Paul, MN 55102 or an authorized agent no later than **2:00 p.m., Central Time, Tuesday, April 9, 2002**. Bids must be submitted in a sealed envelope with the project name clearly written on the envelope. **Late bids will not be considered.**

Authorized agents for receipt of bids are the following: Mary Green-Toussaint, Contract and Procurement Technician or any Work Service Center staff member in the Finance and Administration Division of the 4th floor of the History Center. Bids may not be delivered to the information desk, to the guard or to any location or individual other than as specified above.

The Request for Bids is available by calling or writing Chris M. Bonnell, Contracting Officer, Minnesota Historical Society, 345 Kellogg Boulevard West, St. Paul, MN 55102. **Phone** is: (651) 297-5863, **email:** *chris.bonnell@mnhs.org*

Complete specifications and details concerning submission requirements are included in the Request for Bids.

Dated: 18 March 2002

Minnesota Historical Society

Request for Proposals for Production Management Services

The Minnesota Historical society seeks proposals from qualified firms or individuals for Production Management Services related to the design, composition, and production of its sixth-grade Minnesota history curriculum, *Northern Lights*. The Production Vendor will work with, and be under the general supervision of, the Society's Education Publications Manager. The Society will provide guidelines for schedules and project requirements, but will rely on the expertise of the Production Vendor for specific scheduling, pre-press and print recommendations. The design, composition, production and print portion of the project, expected to launch with composition in May 2002, will span ten to twelve months.

The Request for Proposal is available by calling or writing Chris M. Bonnell, Contracting Officer, Minnesota Historical Society, 345 Kellogg Blvd., West St. Paul, MN 55102. **Phone:** (651) 297-5863, **email:** *chris.bonnell@mnhs.org*

All proposals must be received by Chris M. Bonnell, Contracting Officer, or an authorized agent, at the Minnesota Historical Society, 345 Kellogg Blvd., West St. Paul, MN 55102 by the closing time for receipt of proposals, which is **Thursday, April 4, 2002, at 2:00 p.m.** **Late proposals will not be considered.**

Authorized agents for receipt of proposals are the following: Mary Green-Toussaint, Contracting and Procurement Technician or any Work Service Center staff member in the Finance and Administration Division on the 4th floor of the History Center.

Department of Natural Resources

Notice of Availability of Contract for Gitchi Gami State Trail – Gooseberry to Split Rock Connector and as an Alternate: Gitchi Gami State Trail – Gooseberry Falls State Park – Phase 2

The Minnesota Department of Natural Resources is requesting proposals for the purpose of preparing a project memorandum, construction plans and specifications and provide construction inspection and contract administration services for the Gooseberry to Split Rock Connector segment.

Work is proposed to start after May 1, 2002.

A Request for Proposals will be available by mail from this office through March 29, 2002. **A written request (by direct mail or fax) is required to receive the Request for Proposal.** After **March 29, 2002**, the Request for Proposal must be picked up in person.

State Contracts

The Request for Proposal can be obtained from:

Sue Riehle, DNR Region 2 Facilities and Operations Support Bureau
1201 East Highway 2
Grand Rapids, MN 55744
Phone: (218) 327-4233
Fax: (218) 327-4263

Proposals submitted in response to the Request for Proposals in this advertisement must be received at the address above no later than **4:00 p.m., Central Time, April 4, 2002. Late proposals will not be considered.** Faxed or emailed proposals will **not** be considered.

This request does not obligate the State to complete the work contemplated in this notice. The State reserves the right to cancel this solicitation. All expenses incurred in responding to this notice are solely the responsibility of the responder.

Department of Transportation Program Support Group

Notice Concerning Professional/Technical Contract Opportunities

NOTICE TO ALL: The Minnesota Department of Transportation (Mn/DOT) is now placing additional public notices for professional/technical contract opportunities on Mn/DOT's Office of Consultant Services **website** at: www.dot.state.mn.us/consult

New public notices may be added to the website on a daily basis and be available for the time period as indicated within the public notice.

Non-State Contracts & Grants

The *State Register* also serves as a central marketplace for contracts let out on bid by the public sector. The *State 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.

Dakota County Community Services

Notice of Request for Proposal for Intensive Truancy Prevention Services

Notice for Request for Proposal for Intensive Truancy Prevention Services for middle and high school students that continue to display chronic truancy behaviors as defined by *Minnesota Statutes*, section 260C.007, despite their participation in diversion meetings and outreach programs.

NOTICE IS HEREBY GIVEN that Dakota County Community Corrections - Juvenile Services Section - in cooperation with Dakota County Social Services - Children and Family Services Section - is soliciting proposals from interested and qualified parties for the purpose of providing Intensive Truancy Prevention Services. The awarded grantee will be expected to enter into a contractual agreement with Dakota county beginning with the contract implementation date of August 1, 2002 through June 30, 2005, subject to approval by the Dakota County Board of Commissioners and funding availability.

Qualified Respondents will be considered who have demonstrated ability to:

- show evidence of experience in providing direct services to children and families, with specific experience related to the target group mentioned above;
- assist students in improving school attendance and academic performance;
- assist students in reducing skipped classes, tardies, and risk factors that are predictive of future truancy;
- assist in the development of student, family and school communication;
- avoid costly court interventions;
- show evidence of ability to further assess truancy risk factors that are major contributors to continued truancy, i.e., identification of risk and needs of truancy, monitoring of school participation, relationship building through repeated interactions, persistence over time with high risk youth and their families, and problem solving to overcome barriers to school attendance.
- Show evidence of qualified staffing to provide the coverage and supervision necessary to fulfill the service requirements.

If you have interest in providing this service, a complete Request for Proposal may be obtained by contacting:

Dee Skeens, Contract Manager
Dakota County Community Services Administration
60 East Marie Avenue, Suite 214
West St. Paul, MN 55118
Phone: (651) 450-2874
Fax: (651) 450-2948
Email: deanne.skeens@co.dakota.mn.us

Deadline for Proposals is **4:30 p.m., Central Standard Time on Wednesday, April 10, 2002.**

Metropolitan Council

Notice of Request for Proposal (RFP) for Software Services Industrial Waste Data Management System

MCES Project Number 70149

MCES Contract Number 01P122

The Metropolitan Council is requesting proposals for the development of an Industrial Waste Data Management System to support the activities of its Industrial Waste and Pollution Prevention (IWPP) section. The overall goal for this project is to have a vendor develop and provide a centralized information management system so that all information about industrial users is available in a single system that supports IWPP business processes.

The new system will replace a number of existing database, spreadsheet and manual applications to reduce data redundancy across multiple systems, improve confidence in data quality and increase efficiency in data management and access. For this project, the vendor will need to provide the application software, software programming to configure software to IWPP requirements, implementation services, support and maintenance services, training and documentation.

The Project schedule is shown below:

<i>Issue Request for Proposals</i>	March 18, 2002
<i>Questions Due</i>	April 8, 2002
<i>Receive Proposals</i>	April 22 2002
<i>Evaluated Short List</i>	May 22, 2002
<i>Product Demonstration</i>	June 17-21, 2002
<i>Environment Committee Recommendation</i>	July 3, 2002
<i>Negotiations</i>	Late July 2002
<i>Metropolitan Council authorization</i>	Early August 2002
<i>Notice To Proceed</i>	August 30, 2002

Non-State Contracts & Grants

All firms interested in being considered for this project and desiring to receive a RFP package are invited to submit a Letter of Interest to:

Amanda Petersen, Contracts and Procurement Unit
Metropolitan Council Environmental Services
230 East Fifth Street
Mears Park Centre
St. Paul, MN 55101

Inquiries regarding technical aspects of the project should be directed to Bob Pohlman at (651) 602-4710.

Minnesota Statutes, Sections 473.144 and 363.073, and *Minnesota Rules*, Parts 5000.3400 to 5000.3600 will be incorporated into any contract based upon the Proposal or any modifications to it. If a contract for the project is awarded in excess of \$100,000, the requirements of *Minnesota Rules* 5000.3530 will be applicable.

Metropolitan Council

Purchase of Rail Car Mover

The Metropolitan Council's Metro Transit division is soliciting sealed bids for the purchase of a Rail Car Mover. This vehicle will be used for Hiawatha Light Rail Transit service to move light rail vehicles. Bids are due by **2:00 p.m., on April 8, 2002.**

Bids must be submitted in accordance with the Invitation for Bids document available from:

Metropolitan Council
Metro Transit Purchasing Department
515 N. Cleveland Avenue
St. Paul, MN 55114
Phone: (612) 349-5070

University of Minnesota

Notice of Bid Information Service (BIS) Available for All Potential Vendors

The University of Minnesota offers 24 hour/day, 7 day/week access to all Request for Bids/Proposals through its web based Bid Information Services (BIS). Subscriptions to BIS are \$75/year. Visit our web site at bidinfo.umn.edu or call the BIS Coordinator at (612) 625-5534.

Requests for Bids/Proposals are available to the public at no charge each business day from 8:00 a.m. to 4:30 p.m. in Purchasing Services lobby, Suite 560, 1300 S. 2nd Street, Mpls., MN 55454.

Available at Minnesota Bookstore

Order form on back page

The Pheasant in Minnesota

A fascinating "magazine" devoted to the ring-neck pheasant. Included is the history of the bird, its origin, development and introduction to this region. Color photos, softcover, 48pp.
Stock No. 9-13 \$5.95 + shpg. & sales tax

Dressing & Cooking Wild Game

Now that you've "bagged your catch", what do you do with it? This book offers clear instructions along with color photos to walk you step-by-step from field dressing and transport to hanging, skinning, butchering, dressing, "clean-up" and freezing. With the hard work out of the way, then cook up one of the mouth-watering recipes for cooking big and small game, upland game birds, and waterfowl. Hardcover, 160pp.

Stock No. 19-38 \$19.95 + shpg. & sales tax

651.297.3000 * 800.657.3757

Mon-Fri 8am-5pm

www.minnesotasbookstore.com

It's Hunting
Season!



Hunter's Field Guide

This popular *Outdoor Life* field guide offers practical advice on how to be a safe, successful and responsible hunter. Through easy-to-read illustrations and text, learn tips on: treating common injuries, reloading shot gun shells, the basics of bow hunting, how to hold and carry a muzzle-loader, recommended shot and target range for various game, and much more. Great tool for the beginner as well as the experienced hunter. Softcover, 194pp.

Stock No. 19-31 \$5.99 + shpg. & sales tax

Hunter Education Training Course

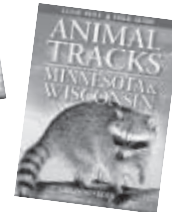
Great tool for teaching the beginner the key to safe, successful hunting. This course includes the Hunter's Field Guide (described above), a Workbook and a Safety video. Excellent refresher for the experienced hunter, too! **Stock No. 19-111 ONLY \$14.99 + shpg. & sales tax**

Animal Tracks of Minnesota & Wisconsin

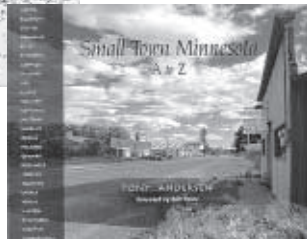
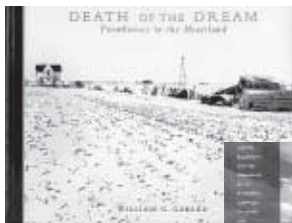
Great drawings and quick reference captions provide a solid picture of more than 60 different mammals, birds and reptiles of our area. Truly pocket-sized, this field guide identifies animal tracks charting the size of fore prints and hind prints, stride and straddle patterns, and descriptive information about the creature's behavior. Softcover, 160pp.

Stock No. 9-72 \$6.95 + shpg. & sales tax

Hunting and
Wildlife
Guides



Celebrating our Rural Heritage



Death of the Dream: Farmhouses in the Heartland

Death of the Dream tells the story of America's rural past and a forgotten lifestyle-- the vanishing farmhouse of the Midwest and the rich lives that were lived in them. Trace the evolution of the classic farmhouse --from its humble origins through the high tech present-- and learn about the impact that changing economies have had on lives of midwestern farm families. 87 illustrations, including 72 tritone photo plates. Softcover, 128pp.

Stock No. 19-19 \$24.95 + shipping & sales tax

Small Town Minnesota: A to Z

Author and photographer Tony Andersen toured Minnesota focusing on 26 communities - one for each letter in the alphabet - that are home to less than 1,000 residents. Follow along with Tony as he writes of the generosity and friendly curiosity of the people on the rural landscape and be reminded of the beauty a small town offers through 160 color photographs.

Stock No. 19-2 \$24.95 + shipping & sales tax

Visit our web site:

www.minnesotasbookstore.com



Admin MINNESOTA

Department of Administration
Communications Media Division

Periodicals
U.S. Postage
Paid
Permit No.
326630
St. Paul, MN

117 University Avenue • St. Paul, Minnesota 55155
Metro Area 651-297-3000
Toll Free 1-800-657-3757
FAX 651-297-8260
TTY: Metro Area 651-282-5077 TTY: Greater MN 1-800-657-3706

Please notify us of any address changes so that we can continue to give you our best service. Include your old mailing label to speed your service.



Printed on recycled paper
20% post-consumer waste

TO ORDER:

Complete attached order blank. Please include sales tax. Include either your VISA/MasterCard, American Express or Discover credit card number with the expiration date, or a check/money order made out to the State of Minnesota. Orders by phone are accepted when purchasing with your credit card. Please include a phone number where you can be reached during the day in case we have questions about your order.

PREPAYMENT REQUIRED.

Merchandise may be returned if it is in resalable condition.

NOTE:
State Register and other subscriptions do not require sales tax or postage and handling fees.

For Your Convenience, photocopy this order blank

Shipping Charges	
Subtotal	Add:
Up to \$25.00	\$3.00
\$25.01 - \$50.00	\$5.00
\$50.01 - \$100.00	\$7.00
\$100.01 - \$1,000.00	\$10.00

Code No.	Quantity	Description	Item Price	Total



Prices subject to change without notice.
Please allow about 6 weeks for delivery.
In a hurry? Stop by our Bookstore.
Bookstore hours: 8:00-5:00 Monday-Friday

Name or Company			Subtotal		
Attention			6 1/2 % tax MN residents 7% St. Paul residents		
Address					
City	State	Zip	Add Shipping Charges from chart at left.		
American Express/VISA/MasterCard/Discover No.			TOTAL		
Signature		Expiration Date	Telephone (During Day)		

If tax exempt, please provide ES number or send completed exemption form.
Source Code SR002