

State of Minnesota

State Register



**Rules, Executive Orders, Appointments,
Commissioners' Orders, Revenue Notices, Official Notices, Grants,
State Contracts & Loans, Non-State Bids, Contracts & Grants**

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State Register

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

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

- rules of state agencies
- commissioners' orders
- state grants and loans
- executive orders of the governor
- revenue notices
- contracts for professional, technical and consulting services
- non-state public bids, contracts and grants
- appointments
- official notices

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Vol. 33 Issue Number	PUBLISH DATE (BOLDFACE shows altered publish date)	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	Deadline for Proposed, Adopted and Exempt RULES
# 9	TUESDAY 2 September	Noon Tuesday 26 August	Noon Wednesday 20 August
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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, 660 Olive Street (one block east of I-35E and one block north of University Ave), St. Paul, MN 55155 (612) 297-3000, or toll-free 1-800-657-3757.

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Proposed Rules

Comments on Planned Rules or Rule Amendments. 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, and within 60 days of the effective date of any new statutory grant of required rulemaking.

Rules to be Adopted After a Hearing. After receiving comments and deciding to hold a public hearing on the rule, an agency drafts its rule. It then publishes its rules with a notice of hearing. All persons wishing to make a statement must register at the hearing. Anyone who wishes to submit written comments may do so at the hearing, or within five working days of the close of the hearing. Administrative law judges may, during the hearing, extend the period for receiving comments up to 20 calendar days. For five business days after the submission period the agency and interested persons may respond to any new information submitted during the written submission period and the record then is closed. The administrative law judge prepares a report within 30 days, stating findings of fact, conclusions and recommendations. After receiving the report, the agency decides whether to adopt, withdraw or modify the proposed rule based on consideration of the comments made during the rule hearing procedure and the report of the administrative law judge. The agency must wait five days after receiving the report before taking any action.

Rules to be Adopted Without a Hearing. Pursuant to *Minnesota Statutes* § 14.22, an agency may propose to adopt, amend, suspend or repeal rules without first holding a public hearing. An agency must first solicit **Comments on Planned Rules or Comments on Planned Rule Amendments** from the public. The agency then publishes a notice of intent to adopt rules without a public hearing, together with the proposed rules, in the *State Register*. If, during the 30-day comment period, 25 or more persons submit to the agency a written request for a hearing of the proposed rules, the agency must proceed under the provisions of §§ 14.14-14.20, which state that if an agency decides to hold a public hearing, it must publish a notice of intent in the *State Register*.

KEY: Proposed Rules - Underlining indicates additions to existing rule language. ~~Strikeouts~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **Adopted Rules** - Underlining indicates additions to proposed rule language. ~~Strikeout~~ indicates deletions from proposed rule language.

Minnesota Department of Health

Proposed Permanent Rules Relating to Health Risk Limits for Groundwater

NOTICE OF HEARING

Proposed Repeal of Rules Governing the Establishment of Health Risk Limits for Groundwater, *Minnesota Rules*, Chapter 4717, Parts 7100 Through 7400, and parts 7600 through 7800 and Insertion of Revised Rules as Parts 7810 Through 7900

Public Hearing. The Department of Health intends to adopt rules after a public hearing following the procedures in the rules of the Office of Administrative Hearings, *Minnesota Rules*, parts 1400.2200 to 1400.2240, and the Administrative Procedure Act, *Minnesota Statutes*, sections 14.131 to 14.20. The agency will hold a public hearing on the above-named rules in Room B-144, Orville L. Freeman Building, 625 North Robert Street, Saint Paul, Minnesota 55164, starting at 9:00 AM on Friday, October 10th, 2008, and continuing until the hearing is completed. The agency will schedule additional days of hearing if necessary. All interested or affected persons will have an opportunity to participate by submitting either oral or written data, statements, or arguments. Statements may be submitted without appearing at the hearing.

Administrative Law Judge. Administrative Law Judge Beverly Jones Heydinger will conduct the hearing. The judge can be reached at the Office of Administrative Hearings, 600 North Robert Street, P.O. Box 64620, Saint Paul, Minnesota 55164-0620; **telephone:** (651) 361-7838 and **FAX:** (651) 361-7936. The rule hearing procedure is governed by *Minnesota Statutes*, sections 14.131 to 14.20, and by the rules of the Office of Administrative Hearings, *Minnesota Rules*, parts 1400.2000 to 1400.2240. You should direct questions about the rule hearing procedure to the administrative law judge.

Agency Contact Person. The agency contact person is: Paul Moyer at the Minnesota Department of Health, PO Box 64975, Saint Paul, MN 55164-0975, **phone:** (651) 201-4912, **fax:** (651) 201-4606, and **e-mail:** paul.moyer@state.mn.us. TTY users may call the Department of Health (651) 201-5797.

Subject of Rules and Statutory Authority. The proposed rules are about the establishment of health-protective values, called "Health Risk Limits" (HRLs), for chemical contaminants found in groundwater. The proposed rules repeal *Minnesota Rules*, chapter 4717, parts 7100 through 7400, and parts 7600 through 7800 and insert revised rules as parts 7810 through 7900. The proposed rules are authorized by *Minnesota Statutes*, section 103H.201. A copy of the proposed rules is published in the *State Register* and is attached to this notice as mailed. In addition, the agency will add a measure to clarify when the new values supersede the old. Additional information regarding the Health Risk Limits for Groundwater rules revision is available at:

<http://www.health.state.mn.us/divs/eh/groundwater/hrlgw/index.html>

Proposed Rules

Statement of Need and Reasonableness. The statement of need and reasonableness contains a summary of the justification for the proposed rules, including a description of who will be affected by the proposed rules and an estimate of the probable cost of the proposed rules. It is now available from the agency contact person. You may review or obtain copies for the cost of reproduction by contacting the agency contact person.

Public Comment. You and all interested or affected persons, including representatives of associations and other interested groups, will have an opportunity to participate. You may present your views either orally at the hearing or in writing at any time before the close of the hearing record. All evidence presented should relate to the proposed rules. You may also submit written material to the administrative law judge to be recorded in the hearing record for five working days after the public hearing ends. At the hearing the administrative law judge may order this five-day comment period extended for a longer period but for no more than 20 calendar days. Following the comment period, there is a five-working-day rebuttal period during which the agency and any interested person may respond in writing to any new information submitted. No one may submit additional evidence during the five-day rebuttal period. The Office of Administrative Hearings must receive all comments and responses submitted to the administrative law judge no later than 4:30 p.m. on the due date. All comments or responses received will be available for review at the Office of Administrative Hearings.

The agency requests that any person submitting written views or data to the administrative law judge before the hearing or during the comment or rebuttal period also submit a copy of the written views or data to the agency contact person at the address stated above.

Alternative Format/Accommodation. Upon request, the agency can make this Notice available in an alternative format, such as large print, Braille, or cassette tape. To make such a request or if you need an accommodation to make this hearing accessible, please contact the agency contact person at the address or telephone number listed above.

Modifications. The agency may modify the proposed rules as a result of the rule hearing process. It must support modifications by data and views presented during the rule hearing process. The adopted rules may not be substantially different than these proposed rules, unless the agency follows the procedure under *Minnesota Rules*, part 1400.2110. If the proposed rules affect you in any way, the agency encourages you to participate.

Adoption Procedure after the Hearing. After the close of the hearing record, the administrative law judge will issue a report on the proposed rules. You may ask to be notified of the date when the judge's report will become available, and can make this request at the hearing or in writing to the administrative law judge. You may also ask to be notified of the date that the agency adopts the rules and files them with the Secretary of State, or ask to register with the agency to receive notice of future rule proceedings. You may make these requests at the hearing or in writing to the agency contact person stated above.

Lobbyist Registration. *Minnesota Statutes*, chapter 10A, requires each lobbyist to register with the State Campaign Finance and Public Disclosure Board. You should direct questions regarding this requirement to the Campaign Finance and Public Disclosure Board at: Suite 190, Centennial Building, 658 Cedar Street, St. Paul, Minnesota 55155, **telephone:** (651) 296-5148 or 1-800-657-3889.

Order. I order that the rulemaking hearing be held at the date, time, and location listed above.

Dated: 26 August 2008

Sanne Magan, M.D., Ph.D., Commissioner
Minnesota Department of Health

4717.7810 HEALTH RISK LIMITS; PURPOSE AND SCOPE.

Subpart 1. Purpose. The purpose of parts 4717.7810 to 4717.7900 is to establish health risk limits (HRLs) for substances found to degrade Minnesota groundwater.

Subp. 2. Scope.

A. As provided by *Minnesota Statutes*, sections 103H.005, subdivision 3, and 103H.201, subdivision 1, HRLs are derived as human health-based groundwater standards based on cancer or noncancer effects from consumption and federal maximum contaminant levels incorporated by reference as required by *Laws 2007*, chapter 147, article 17, section 2.

B. Health risk limits are for use by public agencies and private entities in Minnesota in determining whether groundwater, impacted by human activity, is subject to regulatory or advisory actions based on human health concerns. HRLs specify a minimum level of quality for water used for human consumption, such as ingestion of water, and do not imply that allowing degradation of water supplies to HRL levels is acceptable.

Proposed Rules

4717.7820 DEFINITIONS.

Subpart 1. **Scope.** For the purposes of parts 4717.7810 to 4717.7900, the terms in this part have the meanings given them.

Subp. 2. **AF_{lifetime} or lifetime adjustment factor.** “AF_{lifetime}” or “lifetime adjustment factor” is a numerical multiplier used to modify the adult-based cancer slope factor for lifetime exposure based on chemical-specific data.

Subp. 3. **ADAFs or age-dependent adjustment factors.** “ADAFs” or “age-dependent adjustment factors” are the default modifiers to the cancer slope factor that account for the increased susceptibility to cancer from early life exposures to linear carcinogens in the absence of chemical-specific data. For the default derivation of cancer HRLs, the following ADAFs and corresponding age groups are utilized:

ADAF_{<2}=10, for birth until two years of age; ADAF_{2 to <16}=3, for two up to 16 years of age; and ADAF₁₆₊=1, for 16 years of age and older.

Subp. 4. **Additional lifetime cancer risk.** “Additional lifetime cancer risk” means the probability that daily exposure to a carcinogen over a lifetime may induce cancer. The Department of Health uses an additional cancer risk of 1×10^{-5} (1 in 100,000) to derive cancer HRLs.

Subp. 5. **Carcinogen.** “Carcinogen” means a chemical:

A. classified as a human carcinogen or a probable human carcinogen according to the “EPA Classification System for Categorizing Weight of Evidence for Carcinogenicity from Human and Animal Studies,” the Risk Assessment Guidelines of 1986, United States Environmental Protection Agency, Office of Health and Environmental Assessment (August 1987), which is incorporated by reference;

B. classified as “carcinogenic to humans” or “likely to be carcinogenic to humans” according to the Final Guidelines for Carcinogenic Risk Assessment, United States Environmental Protection Agency, Office of Research and Development (March 2005), which are incorporated by reference. The guidelines are not subject to frequent change. The final guidelines are available at: <http://cfpub.epa.gov/ncea/cfm/recordisplay.cfm?deid=116283> or through the public library using the Minitex interlibrary loan system; or

C. classified as a substance known to be a human carcinogen or reasonably anticipated to be a human carcinogen in the Report on Carcinogens, United States Department of Health and Human Services, Public Health Service, National Toxicology Program. This report is incorporated by reference and is subject to frequent change. The report is available at: <http://ntp.niehs.nih.gov/go/roc>.

Subp. 6. **Chemical.** “Chemical” includes a single chemical or a defined mixture of two or more chemicals.

Subp. 7. **Chemical abstracts service registry number or CAS number.** The “chemical abstracts service registry number” or “CAS number” means the number assigned to a chemical by the Chemical Abstracts Service, a division of the American Chemical Society, 2540 Olentangy River Road, Box 3012, Columbus, OH 43210-0012. CAS numbers function as unique identifiers for chemicals in part 4717.4860. The Chemical Abstracts Service maintains a database of all CAS numbers at <http://www.cas.org>.

Subp. 8. **Developmental health endpoint or developmental.** “Developmental health endpoint” or “developmental” means an adverse effect on the developing organism that may result from parental exposure prior to conception, maternal exposure during prenatal development, or direct exposure postnatally until the time of sexual maturation. Developmental toxicity may be detected at any point in the lifespan of the organism. The major manifestations of developmental toxicity include:

- A. death of the developing organism;
- B. structural abnormality;
- C. altered growth; and
- D. functional deficiency.

Subp. 9. **Duration.** “Duration” means the length of the exposure period under consideration.

A. For the default derivation of noncancer health risk limits, the following durations are utilized:

- (1) acute - a period of 24 hours or less;
- (2) short-term - a period of more than 24 hours, up to 30 days;
- (3) subchronic - a period of more than 30 days, up to approximately ten percent of the life span in humans; or
- (4) chronic - a period of more than approximately ten percent of the life span in humans.

B. For the default derivation of cancer health risk limits, the durations corresponding to the three age groups associated with the age-dependent adjustments (ADAFs) specified in subpart 3, are utilized:

- (1) two-year duration for the birth to two-year age group;
- (2) 14-year duration for the two- to 16-year age group; and
- (3) 54-year duration for the 16 and older age group.

C. For the chemical-specific derivation of a noncancer or cancer health risk limit, the duration is based on chemical-specific information regarding the relevant length of exposure.

Subp. 10. **Endocrine or (E).** “Endocrine” or “(E)” means a change in circulating hormone levels or interactions with hormone receptors, regardless of the organ or organ system affected. Endpoints with or without the (E) designation are deemed equivalent, for example, thyroid (E)=thyroid, and shall be included in the same health risk index equation in part 4717.7880.

Subp. 11. **Health risk index.** “Health risk index” is a sum of the quotients calculated by identifying all chemicals that share a common health endpoint and dividing the measured or statistically derived concentration of each chemical by its HRL. The multiple chemical health

risk index is compared to the multiple chemical health risk limit, defined in subpart 19 as one, to identify exceedances. Equations to calculate multiple chemical health risk indices are found in parts 4717.7880 and 4717.7890.

Subp. 12. **Health risk index endpoint or health endpoint.** “Health risk index endpoint” or “health endpoint” means the general description of toxic effects used to group chemicals for the purpose of calculating a health risk index. Health risk index endpoints or health endpoints for each chemical are listed in part 4717.7860.

Subp. 13. **Health risk limit or HRL.** “Health risk limit” or “HRL” has the meaning given in *Minnesota Statutes*, section 103H.005, subdivision 3. An HRL is expressed as µg/L.

Subp. 14. **Intake rate or IR.** “Intake rate” or “IR” means the rate of ingestion of water, or the amount of water, on a per body weight basis, ingested per day, expressed as liters per kilogram body weight per day or L/kg-day. The time-weighted average of the 95th percentile intake rate for the derivation of cancer and noncancer HRLs is calculated for the relevant duration specified in subpart 9.

Subp. 15. **Maximum contaminant level or MCL.** “Maximum contaminant level” or “MCL” means the maximum permissible level of a contaminant in water that is delivered to any user of a public water system under the Federal Drinking Water Program according to *Code of Federal Regulations*, title 40, section 141.2.

Subp. 16. **Maximum contaminant level-based health risk limit or MCL-based HRL.** “Maximum contaminant level-based health risk limit” or “MCL-based HRL” means an MCL that is adopted as an HRL as authorized by Laws 2007, chapter 147, article 17, section 2.

Subp. 17. **µg/L.** “µg/L” means micrograms of chemical per liter of water.

Subp. 18. **mg/kg-day.** “mg/kg-day” means milligrams of chemical per kilogram of body weight per day.

Subp. 19. **Multiple chemical health risk limit or multiple chemical HRL.** The “multiple chemical health risk limit” or “multiple chemical HRL” is equal to one. Equations to determine whether the multiple chemical health risk limit has been exceeded are in parts 4717.7880 and 4717.7890.

Subp. 20. **Nonlinear carcinogen.** “Nonlinear carcinogen” means a chemical agent for which, particularly at low doses, the associated cancer risk does not rise in direct proportion to the extent of exposure, and for which a threshold level of exposure exists below which there is no cancer risk. The HRL for a nonlinear carcinogen is based on a reference dose that is lower than the threshold for cancer risk.

Subp. 21. **Reference dose or RfD.** “Reference dose” or “RfD” means an estimate of a dose for a given duration to the human population, including susceptible subgroups such as infants, that is likely to be without an appreciable risk of adverse effects during a lifetime. It is derived from a suitable exposure level at which there are few or no statistically or biologically significant increases in the frequency or severity of an adverse effect between an exposed population and its associated control group. The RfD is expressed as mg/kg-day.

Subp. 22. **Relative source contribution or RSC.** “Relative source contribution” or “RSC” means the fraction of total exposure to a substance or chemical that is allocated to drinking water. The default RSC is 0.2 for highly volatile chemicals. For other chemicals, the default RSC is 0.5 for acute and short-term HRLs and 0.2 for subchronic or chronic HRLs.

Subp. 23. **Slope factor or SF.** “Slope factor” or “SF” means an upper-bound estimate of risk per increment of dose that can be used to estimate cancer risk probabilities for different exposure levels. A cancer slope factor is expressed as cancer incidence per mg/kg-day. *Minnesota Statutes*, section 103H.201, subdivision 1, paragraph (d), requires the Department of Health, when deriving cancer HRLs, to use cancer slope factors published by the United States Environmental Protection Agency.

Subp. 24. **Toxic effects.** “Toxic effects” means an observable or measurable adverse biological event, or the organ, tissue, or system in which the effect is manifested. The designation of endpoints does not exclude other possible observable and measurable biological events. For the purpose of grouping chemicals and creating a health risk index when multiple chemicals are present, toxic effects may be ascribed to more general health risk index endpoints or health endpoints. Health endpoints are listed in part 4717.7860.

Subp. 25. **Volatility.** “Volatility” means having a tendency to evaporate. Using Henry’s Law constants, chemicals are characterized as nonvolatile or low, moderate, or high volatility as follows:

- A. nonvolatile - Henry’s Law constant $<3 \times 10^{-7}$ atm-m³/mol
- B. low - Henry’s Law constant $>3 \times 10^{-7}$ to 1×10^{-5} atm-m³/mol
- C. moderate - Henry’s Law constant $>1 \times 10^{-5}$ to 1×10^{-3} atm-m³/mol
- D. high - Henry’s Law constant $>1 \times 10^{-3}$ atm-m³/mol

4717.7830 FOR TOXIC EFFECTS OTHER THAN CANCER.

Subpart 1. **Scope.** This part establishes the method for determining a health risk limit for a toxic effect other than cancer.

Subp. 2. **Equation for toxic effects other than cancer or MCL-based HRLs.** The equation for deriving a health risk limit for a toxic effect other than cancer or a maximum contaminant level-based health risk limit is:

$$nHRL_{duration} = \frac{RfD_{duration} \times RSC \times 1,000}{IR_{duration}}$$

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Where:

A. $nHRL_{duration}$ is the noncancer health risk limit for a given duration as defined in part 4717.7820, subparts 9, item A, and 13, expressed as $\mu\text{g}/\text{L}$. The HRLs derived for each chemical are listed in part 4717.7860.

B. $RfD_{duration}$ is the reference dose for a given duration as defined in part 4717.7820, subparts 9, item A, and 21, expressed as $\text{mg}/\text{kg}\text{-day}$. The RfDs utilized for each chemical are listed in part 4717.7860.

C. RSC is the relative source contribution factor as defined in part 4717.7820, subpart 22. The RSCs utilized for each chemical are listed in part 4717.7860.

D. 1,000 is a factor used to convert milligrams (mg) to micrograms (μg). There are 1,000 micrograms per milligram.

E. $IR_{duration}$ is the intake rate for a given duration as defined in part 4717.7820, subparts 9, item A, and 14. The IRs utilized for each chemical are listed in part 4717.7860.

4717.7840 FOR CANCER.

Subpart 1. **Scope.** This part establishes the methods for determining a health risk limit for cancer.

Subp. 2. **Equation for cancer for chemicals other than chemicals for which a lifetime adjustment factor has been derived or nonlinear carcinogens.** The equation for deriving the health risk limit for cancer for chemicals other than chemicals identified in subpart 3, or nonlinear carcinogens is:

$$cHRL = \frac{(1 \times 10^{-5}) \times 1,000 \times \# \text{underscore leader} \times [(SF \times ADAF_{\leq 2} \times IR_{\leq 2} \times D_{\leq 2}) + (SF \times ADAF_{2 \text{ to } < 16} \times IR_{2 \text{ to } < 16} \times D_{2 \text{ to } < 16}) + (SF \times ADAF_{16+} \times IR_{16+} \times D_{16+})]}{70 \text{ years}}$$

Where:

A. cHRL is the cancer health risk limit expressed as $\mu\text{g}/\text{L}$.

B. (1×10^{-5}) is the additional cancer risk level.

C. Units 1,000 are as described in part 4717.7830, subpart 2.

D. SF or slope factor is expressed in units of cancer incidence per $\text{mg}/\text{kg}\text{-day}$. The SFs utilized for each chemical are listed in part 4717.7860.

E. ADAF is the age-dependent adjustment factor as defined in part 4717.7820, subpart 3. The ADAFs utilized for each chemical are listed in part 4717.7860.

F. $IR_{duration}$ is the intake rate for a given duration as defined in part 4717.7820, subpart 14. The IRs utilized for each chemical are listed in part 4717.7860.

G. D is the duration corresponding to the three age groups birth up to two years of age (two-year duration), two up to 16 years of age (14-year duration), and 16 up to 70 years of age (54-year duration) as defined in part 4717.7820, subpart 9, item B.

H. 70 years is the standard lifetime duration utilized by the United States Environmental Protection Agency in the characterization of lifetime cancer risk.

Subp. 3. **Equation for cancer for chemicals for which a lifetime adjustment factor has been derived.** The Department of Health may depart from the default equation presented in subpart 2 when an adjustment factor is based on chemical-specific information. The equation for deriving the health risk limit for cancer for these chemicals is:

$$cHRL = \frac{(1 \times 10^{-5}) \times 1,000 \times \# \text{underscore leader} \times [SF \times AF_{lifetime} \times IR_{lifetime}]}{70 \text{ years}}$$

Where:

A. Units or values for cHRL, (1×10^{-5}) , 1,000, and SF are as described in part 4717.7840, subpart 2.

B. $AF_{lifetime}$ is the lifetime adjustment factor utilized to adjust the adult exposure-based SF for lifetime exposure based on chemical-specific data. The $AF_{lifetime}$ utilized is described in part 4717.7860.

C. $IR_{lifetime}$ is the 95th percentile water intake rate representative of a lifetime period.

4717.7850 USE OF MAXIMUM CONTAMINANT LEVELS.

Subpart 1. **Scope.** This part establishes the methods for determining a health risk limit based on a maximum contaminant level.

Subp. 2. **Water level standards.** As authorized by *Laws 2007*, chapter 147, article 17, section 2, the maximum contaminant levels for the following chemicals are adopted by reference as health risk limits:

A. Atrazine;

B. Dichloromethane;

C. Di(2-ethylhexyl) phthalate;

D. Nitrate (as N);

E. Pentachlorophenol;

- F. Simazine;
- G. 1,1,1,2,2-Tetrachloroethylene;
- H. 1,1,1,2-Trichloroethylene; and
- I. 2(2,4,5-Trichlorophenoxy)propionic acid.

4717.7860 HEALTH RISK LIMITS TABLE.

Subpart 1. **Generally.** This table lists the health risk limits derived from methods specified in parts 4717.7830, 4717.7840, and 4717.7850. For each chemical, this table specifies: the chemical name; the CAS number; the year the HRL was established; the volatility classification; any noncancer HRL; any cancer HRL; the RfD and RSC used in the derivation of any noncancer HRL; the slope factor and any ADAF or AF_{lifetime} used in the derivation of any cancer HRL; the intake rate used in the derivation of any noncancer or cancer HRL; and the health endpoints.

Subp. 2. Explanation of table in this part.

- A. "-" symbol means not relevant.
- B. "NA" means not applicable.
- C. "ND" means not derived due to absence or paucity of toxicity information.
- D. "None" means not applicable for inclusion in the health risk index.
- E. The following explanations in subitems (1) to (3) apply where noted:

(1) The acute HRL value is less than the calculated HRL. To be protective of acute exposures, the HRL is set equal to the acute HRL value.

(2) The short-term HRL value is less than the calculated HRL. To be protective of short-term exposures, the HRL is set equal to the short-term HRL value.

(3) The subchronic HRL value is less than the calculated HRL. To be protective of subchronic exposures, the HRL is set equal to the subchronic HRL value.

Subp. 3. Acetochlor.

CAS number: 34256-82-1

Year Established: 2008

Volatility: Nonvolatile

	<u>Acute</u>	<u>Short-term</u>	<u>Subchronic</u>	<u>Chronic</u>	<u>Cancer</u>
HRL (µg/L)	40	40	40 (2)	9	NA
RfD (mg/kg-day)	0.021	0.021	(2)	0.002	--
RSC	0.5	0.5	(2)	0.2	--
SF (per mg/kg-day)	--	--	--	--	--
ADAF or AF _{lifetime}	--	--	--	--	--
Intake Rate (L/kg-day)	0.289	0.289	(2)	0.043	--
Endpoints	developmental	developmental	developmental	hepatic (liver) system, male reproductive system, nervous system, renal (kidney) system, respiratory system	--

Subp. 4. Alachlor.

CAS number: 15972-60-8

Year Established: 2008

Volatility: Nonvolatile

	<u>Acute</u>	<u>Short-term</u>	<u>Subchronic</u>	<u>Chronic</u>	<u>Cancer</u>
HRL (µg/L)	ND	200	30	5	NA
RfD (mg/kg-day)	--	0.1	0.01	0.001	--
RSC	--	0.5	0.2	0.2	--
SF (per mg/kg-day)	--	--	--	--	--
ADAF or AF _{lifetime}	--	--	--	--	--

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<u>Intake Rate (L/kg-day)</u>	--	0.289	0.077	0.043	--
<u>Endpoints</u>	--	renal (kidney) system	hepatic (liver) system, hematological (blood) system	hepatic (liver) system, hematological (blood) system	--

Subp. 5. Alachlor ESA.

CAS number: 142363-53-9
 Year Established: 2008
 Volatility: Nonvolatile

	Acute	Short-term	Subchronic	Chronic	Cancer
<u>HRL (µg/L)</u>	ND	ND	100	20	NA
<u>RfD (mg/kg-day)</u>	--	--	0.053	0.0053	--
<u>RSC</u>	--	--	0.2	0.2	--
<u>SF (per mg/kg-day)</u>	--	--	--	--	--
<u>ADAF or AF_{lifetime}</u>	--	--	--	--	--
<u>Intake Rate (L/kg-day)</u>	--	--	0.077	0.043	--
<u>Endpoints</u>	--	--	hematological (blood) system	hematological (blood) system	--

Subp. 6. Atrazine.

CAS number: 1912-24-9
 Year Established: 2008
 Volatility: Nonvolatile
 MCL-based HRL: 3 µg/L

Subp. 7. Benzene.

CAS number: 71-43-2
 Year Established: 2008
 Volatility: High

	Acute	Short-term	Subchronic	Chronic	Cancer
<u>HRL (µg/L)</u>	10	10	3	3 (3)	2
<u>RfD (mg/kg-day)</u>	0.015	0.014	0.0013	(3)	--
<u>RSC</u>	0.2	0.2	0.2	(3)	--
<u>SF (per mg/kg-day)</u>	--	--	--	--	0.055
<u>ADAF</u>	--	--	--	--	10 (ADAF _{<2>}) 3 (ADAF _{2-10 <10<}) 1 (ADAF _{10+>})
<u>Intake Rate (L/kg-day)</u>	0.289	0.289	0.077	(3)	0.137 (<2>) 0.047 (<2-10 <10<) 0.039 (<10+>)
<u>Endpoints</u>	developmental	hemato-logical (blood) system, immune system	hemato-logical (blood) system, immune system	hemato-logical (blood) system, immune system	cancer

Subp. 8. Chloroform.

CAS number: 67-66-3
 Year Established: 2008
 Volatility: High

Acute	Short-term	Subchronic	Chronic	Cancer
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HRL (µg/L)	ND	30	30 (2)	30 (2)	NA
RfD (mg/kg-day)	--	0.05	(2)	(2)	--
RSC	--	0.2	(2)	(2)	--
SF (per mg/kg-day)	--	--	--	--	--
ADAF or AF _{lifetime}	--	--	--	--	--
Intake Rate (L/kg-day)	--	0.289	(2)	(2)	--
Endpoints	--	developmental, hepatic (liver) system, immune system	developmental, hepatic (liver) system, immune system, male reproductive system	developmental, hepatic (liver) system, immune system, male reproductive system	--

Subp. 9. **Cyanazine.**

CAS number: 21725-46-2

Year Established: 2008

Volatility: Nonvolatile

	Acute	Short-term	Subchronic	Chronic	Cancer
HRL (µg/L)	2	2	2	1	NA
RfD (mg/kg-day)	0.001	0.001	0.00063	0.00026	--
RSC	0.5	0.5	0.2	0.2	--
SF (per mg/kg-day)	--	--	--	--	--
ADAF or AF _{lifetime}	--	--	--	--	--
Intake Rate (L/kg-day)	0.289	0.289	0.077	0.043	--
Endpoints	developmental	developmental	hepatic (liver) system, renal (kidney) system	None	--

Subp. 10 **cis 1,2-Dichloroethylene.**

CAS number: 156-59-2

Year Established: 2008

Volatility: High

	Acute	Short-term	Subchronic	Chronic	Cancer
HRL (µg/L)	ND	70	70 (2)	50	NA
RfD (mg/kg-day)	--	0.097	(2)	0.011	--
RSC	--	0.2	(2)	0.2	--
SF (per mg/kg-day)	--	--	--	--	--
ADAF or AF _{lifetime}	--	--	--	--	--
Intake Rate (L/kg-day)	--	0.289	(2)	0.043	--
Endpoints	--	hematological (blood) system	hematological (blood) system	hematological (blood) system	--

Subp. 11. **Dichloromethane.**

CAS number: 75-09-2

Year Established: 2008

Volatility: High

MCL-based HRL: 5 µg/L

Subp. 12. **Dieldrin.**

CAS number: 60-57-1

Year Established: 2008

Volatility: Nonvolatile

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	Acute	Short-term	Subchronic	Chronic	Cancer
HRL (µg/L)	0.2	0.2	0.2 (2)	0.2	0.006
RfD (mg/kg-day)	0.0001	0.0001	(2)	0.00005	--
RSC	0.5	0.5	(2)	0.2	--
SF (per mg/kg-day)	--	--	--	--	16
AF _{lifetime}	--	--	--	--	2.5
Intake Rate (L/kg-day)	0.289	0.289	(2)	0.043	0.043
Endpoints	developmental	developmental, immune system, nervous system	developmental, immune system, nervous system	hepatic (liver) system, nervous system	cancer

Subp. 13. Di-(2-ethylhexyl) phthalate.

CAS number: 117-81-7
 Year Established: 2008
 Volatility: Moderate
 MCL-based HRL: 6 µg/L

Subp. 14. Nitrate (as N).

CAS number: 14797-55-8
 Year Established: 2008
 Volatility: Nonvolatile
 MCL-based HRL: 10,000 µg/L

Subp. 15. Pentachlorophenol.

CAS number: 87-86-5
 Year Established: 2008
 Volatility: Nonvolatile
 MCL-based HRL: 1 µg/L

Subp. 16. Perfluorooctane sulfonate (PFOS) and salts.

CAS number: 1763-23-1; 29081-56-9; 2795-39-3; 70225-14-8; and 29457-72-5
 Year Established: 2008
 Volatility: Nonvolatile

	Acute	Short-term	Subchronic	Chronic	Cancer
HRL (µg/L)	ND	ND	ND	0.3	NA
RfD (mg/kg-day)	--	--	--	0.00008	--
RSC	--	--	--	0.2	--
SF (per mg/kg-day)	--	--	--	--	--
ADAF or AF _{lifetime}	--	--	--	--	--
Intake Rate (L/kg-day)	--	--	--	0.049	--
Endpoints	--	--	--	developmental, hepatic (liver) system, thyroid (E)	--

Subp. 17. Perfluorooctanoic acid (PFOA) and salts.

CAS number: 335-67-1; 3825-26-1; 2395-00-8; 335-93-3; and 335-95-5
 Year Established: 2008
 Volatility: Nonvolatile

	Acute	Short-term	Subchronic	Chronic	Cancer
HRL (µg/L)	ND	ND	ND	0.3	NA
RfD (mg/kg-day)	--	--	--	0.000077	--
RSC	--	--	--	0.2	--

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SF (per mg/kg-day)	--	--	--	--	--
ADAF or AF _{lifetime}	--	--	--	--	--
Intake Rate (L/kg-day)	--	--	--	0.053	--
Endpoints	--	--	--	developmental, hepatic (liver) system, immune system	--

Subp. 18. Simazine.

CAS number: 122-34-9
 Year Established: 2008
 Volatility: Nonvolatile
 MCL-based HRL: 4 µg/L

Subp. 19. 1,1,2,2-Tetrachloroethylene.

CAS number: 127-18-4
 Year Established: 2008
 Volatility: High
 MCL-based HRL: 5 µg/L

Subp. 20. 1,1,1-Trichloroethane.

CAS number: 71-55-6
 Year Established: 2008
 Volatility: High

	Acute	Short-term	Subchronic	Chronic	Cancer
HRL (µg/L)	ND	ND	20,000	9,000	NA
RfD (mg/kg-day)	--	--	7	2	--
RSC	--	--	0.2	0.2	--
SF (per mg/kg-day)	--	--	--	--	--
ADAF or AF _{lifetime}	--	--	--	--	--
Intake Rate (L/kg-day)	--	--	0.077	0.043	--
Endpoints	--	--	hepatic (liver) system, male reproductive system	hepatic (liver) system, male reproductive system	--

Subp. 21. 1,1,2-Trichloroethylene (TCE).

CAS number: 79-01-6
 Year Established: 2008
 Volatility: High
 MCL-based HRL: 5 µg/L

Subp. 22. 2(2,4,5-Trichlorophenoxy)propionic acid (2,4,5-TP or Silvex).

CAS number: 93-72-1
 Year Established: 2008
 Volatility: Nonvolatile
 MCL-based HRL: 50 µg/L

Subp. 23. 1,3,5-Trimethylbenzene.

CAS number: 108-67-8
 Year Established: 2008
 Volatility: High

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	Acute	Short-term	Subchronic	Chronic	Cancer
HRL (µg/L)	ND	100	100 (2)	100 (2)	NA
RfD (mg/kg-day)	ND	0.14	(2)	(2)	--
RSC	--	0.2	(2)	(2)	--
SF (per mg/kg-day)	--	--	--	--	--
ADAF or AF _{lifetime}	--	--	--	--	--
Intake Rate (L/kg-day)	--	0.289	(2)	(2)	--
Endpoints	--	hepatic (liver) system	hepatic (liver) system; renal (kidney) system	hepatic (liver) system; renal (kidney) system	--

Subp. 24. Vinyl Chloride.

CAS number: 75-01-4

Year Established: 2008

Volatility: High

	Acute	Short-term	Subchronic	Chronic	Cancer
HRL (µg/L)	ND	ND	80	10	0.2
RfD (mg/kg-day)	--	--	0.03	0.003	--
RSC	--	--	0.2	0.2	--
SF (per mg/kg-day)	--	--	--	--	1.4
ADAF or AF _{lifetime}	--	--	--	--	1
Intake Rate (L/kg-day)	--	--	0.077	0.043	0.043
Endpoints	--	--	hepatic (liver) system	hepatic (liver) system	cancer

4717.7870 EVALUATING CONCURRENT EXPOSURES TO MULTIPLE CHEMICALS.

Risk from multiple chemicals detected in groundwater must be evaluated as specified in part 4717.7880 for effects other than cancer and in part 4717.7890 for cancer. If a chemical causes both cancer and effects other than cancer, the risk contributed by that chemical must be included in both evaluations. When the multiple chemical health risk index is greater than one, the multiple chemical health risk limit has been exceeded.

4717.7880 MULTIPLE CHEMICAL HEALTH RISK LIMITS: NONCANCER.

Subpart 1. **Scope.** To evaluate the risk of effects other than cancer from multiple chemicals detected in groundwater, a health risk index for each health endpoint must be calculated for each duration period using the procedure specified in this part.

Subp. 2. **Grouping of chemicals.** Chemicals must be grouped according to health endpoints, other than cancer, specified in part 4717.7860, and according to duration except that:

- A. chemicals for which no health endpoint is specified will not be grouped; and
- B. a chemical will be included in the group for each health endpoint listed for that chemical.

Subp. 3. **Equation.** Using the following equation, a noncancer health risk index must be determined for each group of two or more chemicals that have a common health endpoint and common duration period.

$$\text{Noncancer health risk index}_{\text{duration}} = C_1/n\text{HRL}_{1\text{duration}} + C_2/n\text{HRL}_{2\text{duration}} + \dots + C_N/n\text{HRL}_{N\text{duration}}$$

Where:

A. C_N represents the concentration expressed as µg/L of the first through Nth chemical. In the case of a chemical that has been detected but cannot be quantified, C_N is determined by standard statistical procedures.

B. $n\text{HRL}_{N\text{duration}}$ represents the duration specific acute, short-term, subchronic, or chronic noncancer health risk limit expressed as µg/L for the first through Nth chemical, as specified in part 4717.7850.

4717.7890 MULTIPLE CHEMICAL HEALTH RISK LIMITS: CANCER.

Subpart 1. **Scope.** To evaluate the risk of cancer from multiple chemicals detected in groundwater, a cancer health risk index must be calculated using the procedure specified in this part.

Subp. 2. **Equation.** To evaluate the risk of cancer from multiple chemicals detected in groundwater, a cancer index must be calculated

using the following equation:

$$\text{Cancer health risk index} = C_1/c\text{HRL}_1 + C_2/c\text{HRL}_2 + \dots + C_N/c\text{HRL}_N$$

Where:

A. C_N represents the concentration expressed as $\mu\text{g/L}$ of the first through Nth chemical. In the case of a chemical that is detected but cannot be quantified, C_N is determined by acceptable statistical procedures.

B. $c\text{HRL}_N$ represents the cancer health risk limit for the first through Nth chemical, as specified in part 4717.7850.

4717.7900 CHEMICAL BREAKDOWN PRODUCTS.

When testing indicates that chemical breakdown products (degradates) are present in groundwater, it is necessary to consider those breakdown products in a risk assessment. When no health risk limit or other health-based water value exists for a chemical breakdown product, due to absence or paucity of toxicity information on the chemical breakdown product, the health risk limit specified for the parent chemical in part 4717.7860 is the health risk limit for the chemical breakdown product. When a parent and one or more of its breakdown products are present, or when multiple breakdown products are present even in the absence of the parent, it is necessary to conduct a risk assessment for multiple chemicals, according to the procedures in parts 4717.7880 and 4717.7890.

REPEALER. *Minnesota Rules*, parts 4717.4200; 4717.7100; 4717.7150, subparts 1, 2, 3, 4, 6, 7, 8, 9, 10, and 11; 4717.7300; 4717.7400; 4717.7600; 4717.7650; 4717.7700; 4717.7750; and 4717.7800, are repealed.

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.

KEY: Proposed Rules - Underlining indicates additions to existing rule language. ~~Strikeouts~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **Adopted Rules** - Underlining indicates additions to proposed rule language. ~~Strikeout~~ indicates deletions from proposed rule language.

Board of Architecture, Engineering, Land Surveying, Landscape Architecture, Geoscience, and Interior Design

Adopted Permanent Rules Relating to Land Surveying Education Rules

The rules proposed and published at *State Register*, Volume 32, Number 45, pages 1961-1965, May 05, 2008 (32 SR 1961), are adopted with the following modifications:

1800.3505 EDUCATION AND EXPERIENCE.

Subp. 3. **Admission to professional land surveying examination.** To qualify for admission to the professional land surveying examination, the applicant shall present evidence of meeting the educational and qualifying experience requirements in item A or B.

A. Graduates of a four-year land surveying curriculum must present evidence of:

(3) completion of a minimum of the following qualifying land surveying experience:

(c) a minimum of 160 hours of office experience in each of four or a ~~combination~~ more of the following: record research, record analysis, survey computations, description analysis, description writing, and subdivision design totaling 1,920 hours or more;

Expedited Rules

An agency adopts Expedited Rules (*Minnesota Statutes* 14.389) when a law requires or authorizes such rules. The agency must follow *Minnesota Statutes*, sections 14.19 and 14.366. Within 180 days after issuance of the administrative law judge's report, or that of the chief administrative law judge, an agency shall submit its notice of adoption, amendment, or repeal to the *State Register* for publication. If the agency has not submitted its notice to the *State Register* within 180 days, the rules are automatically withdrawn. The agency may not adopt the withdrawn rules without again following the procedures of *Minnesota Statutes* 14.05 to 14.28.

If the law authorizing or requiring rules to be adopted under this section 14.389, and refers to **Subdivision 5, Option**, then the notice must include a statement that a public hearing will be held if 100 or more people request a hearing. If such is the case, the agency may adopt the rule only after complying with all of the requirements of chapter 14 for rules adopted after a public hearing.

Minnesota Department of Education

Division of Academic Standards

Proposed Expedited Permanent Rules Relating to Science Academic Standards, *Minnesota Rules*, 3501.0750-3501.0795

NOTICE OF INTENT TO ADOPT EXPEDITED RULES WITHOUT A PUBLIC HEARING

Introduction. The Department of Education intends to adopt rules under the expedited rulemaking process in the rules of the Office of Administrative Hearings, *Minnesota Rules*, part 1400.2410, and the Administrative Procedure Act, *Minnesota Statutes*, section 14.389. You may submit written comments on the proposed expedited rules until Friday, September 20, 2008.

Agency Contact Person. You must submit comments or questions on the rules to: Kathryn Olson at Minnesota Department of Education, Hwy 36 West, Roseville, Minnesota, 55113; **telephone:** (651) 582-8669; **FAX:** (651) 582-8248; and **e-mail:** Kathryn.A.Olson@state.mn.us. **TTY** users may call the Department of Education at (651) 582-8201.

Subject of the Expedited Rules and Statutory Authority. The proposed expedited rules establish rigorous science academic standards for Minnesota public school students in grades kindergarten through 12. The proposed expedited rules are categorized into four areas: history and nature of science; earth and space science; physical science; and life. The statutory authority to adopt the rules under the expedited rulemaking process is *Minnesota Statutes*, 120B.021, subd. 3. A copy of the proposed rules is published in the *State Register*. A free copy of the rules is available upon request from the agency contact person listed above, or on the Department's website at:

<http://education.state.mn.us/mde/Legislation/Rulemaking/index.html>.

Science is the active study of nature, its structures and its processes. Science students use their senses and tools to observe, record and analyze data about the natural world. Scientifically literate young people can understand phenomena, solve problems, and produce new technologies for today's world. The purpose of these rigorous academic science standards is to prepare all Minnesota students for success in college and the skilled workplace.

Comments. You have until 4:30 p.m. on Friday, October 3, 2008, to submit written comments in support of or in opposition to the proposed expedited rules and any part or subpart of the rules. Your comment must be in writing and received by the agency contact person by the due date. The Department encourages comment. Your comment should identify the portion of the proposed expedited rules addressed and the reason for the comment. In addition, you are encouraged to propose any change desired. You must also make any comments on the legality of the proposed rules during this comment period.

Modifications. The agency may modify the proposed expedited rules using either of two avenues: The agency may modify the rules directly so long as the modifications do not make them substantially different as defined in *Minnesota Statutes*, section 14.05, subdivision 2, paragraphs (b) and (c). Or the agency may adopt substantially different rules if it follows the procedure under *Minnesota Rules*, part 1400.2110. If the final rules are identical to the rules originally published in the *State Register*, the agency will publish a notice of adoption in the *State Register*. If the final rules are different from the rules originally published in the *State Register*, the agency must publish a copy of the changes in the *State Register*. If the proposed expedited rules affect you in any way, the agency encourages you to participate in the rulemaking process.

Alternative Format. Upon request, the agency can make this Notice available in an alternative format, such as large print, Braille, or

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cassette tape. To make such a request, please contact the agency contact person at the address or telephone number listed above.

Lobbyist Registration. *Minnesota Statutes*, chapter 10A, requires each lobbyist to register with the State Campaign Finance and Public Disclosure Board. You may direct questions regarding this requirement to the Campaign Finance and Public Disclosure Board at: Suite 190, Centennial Building, 658 Cedar Street, St. Paul, Minnesota 55155, telephone: (651) 296-5148 or 1-800-657-3889.

Adoption and Review of Expedited Rules. The agency may adopt the rules at the end of the comment period. The agency will then submit rules and supporting documents to the Office of Administrative Hearings for review for legality. You may ask to be notified of the date that the agency submits the rules. If you want to be so notified, or want to receive a copy of the adopted rules, or want to register with the agency to receive notice of future rule proceedings, submit your request to the agency contact person listed above.

Dated: August 18, 2008

Chas Anderson, Deputy Commissioner
Minnesota Department of Education

3501.0750 KINDERGARTEN STANDARDS.

Subpart 1. **History and nature of science.** The student will raise questions about the natural world.

Subp. 2. **Earth and space science.** The student will observe weather changes.

Subp. 3. **Life science.**

A. The student will understand that there are living and nonliving things.

B. The student will understand that people have five senses that can be used to learn about the environment.

3501.0755 GRADE 1 STANDARDS.

Subpart 1. **History and nature of science.** The student will raise questions about the natural world, make careful observations, and seek answers.

Subp. 2. **Physical science.**

A. The student will understand that objects have physical properties.

B. The student will understand that forces can act at a distance.

Subp. 3. **Earth and space science.**

A. The student will investigate weather cycles.

B. The student will recognize the changes that occur in the sky in a 24-hour day.

Subp. 4. **Life science.**

A. The student will observe plant and animal life cycles.

B. The student will understand that there is variation among individuals of one kind within a population.

C. The student will understand that organisms have basic needs.

D. The student will know that the human body is made up of parts.

E. The student will learn that some diseases are caused by germs.

3501.0760 GRADE 2 STANDARDS.

Subpart 1. **History and nature of science.**

A. The student will understand that science is a human endeavor practiced throughout the world.

B. The student will raise questions about the natural world, make careful observations, and seek answers.

Subp. 2. **Physical science.**

A. The student will understand that objects can be sorted and classified based on their properties.

B. The student will know that objects move in various ways.

Subp. 3. **Earth and space science.** The student will recognize basic earth materials.

Subp. 4. **Life science.**

A. The student will recognize that plants and animals have life cycles.

B. The student will understand that organisms live in different environments.

C. The student will understand that biological populations change over time.

D. The student will investigate feeding relationships among organisms.

E. The student will recognize that people have basic needs.

3501.0765 GRADE 3 STANDARDS.

Subpart 1. **History and nature of science.**

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A. The student will understand the use of science as a tool to examine the natural world.

B. The student will understand the nature of scientific investigations.

Subp. 2. **Physical science.** The student will explore the characteristics and properties of sound and light.

Subp. 3. **Earth and space science.**

A. The student will investigate weather conditions.

B. The student will understand the characteristics and relationships of objects in the solar system.

Subp. 4. **Life science.**

A. The student will recognize that plants and animals have different structures that serve various functions.

B. The student will understand that an organism's patterns of behavior are related to the nature of its environment.

C. The student will understand that many characteristics of an organism are inherited from its parents, but that other characteristics result from an individual's interactions with the environment.

3501.0770 GRADE 4 STANDARDS.

Subpart 1. **History and nature of science.**

A. The student will understand how science is used to investigate interactions between people and the natural world.

B. The student will participate in a controlled scientific investigation.

Subp. 2. **Physical science.**

A. The student will know that heating and cooling may cause changes to the properties of a substance.

B. The student will understand basic electricity and its application in everyday life.

C. The student will understand that a relationship exists between electricity and magnetism.

Subp. 3. **Earth and space science.**

A. The student will investigate the impact humans have on the environment.

B. The student will recognize that water on earth cycles and exists in many forms.

C. The student will identify the patterns and movements of celestial objects.

Subp. 4. **Life science.**

A. The student will know that all organisms are composed of cells, which are the fundamental units of life.

B. The student will know that living things can be sorted into groups in many ways according to their varied characteristics, structures, and behaviors.

C. The student will know the structures that serve various functions in the human body, including protection from disease.

3501.0775 GRADE 5 STANDARDS.

Subpart 1. **History and nature of science.**

A. The student will understand that communication is essential to science.

B. The student will understand the process of scientific investigations.

C. The student will recognize that science and technology involve different kinds of work and engages men and women of all backgrounds.

Subp. 2. **Physical science.** The student will understand that changes in speed or direction of motion are caused by forces.

Subp. 3. **Earth and space science.** The student will explore the structures and functions of earth systems.

Subp. 4. **Life science.**

A. The student will know that biological populations change over time.

B. The student will know that matter and energy flow into, out of, and within a biological system.

3501.0780 GRADE 6 STANDARDS.

Subpart 1. **History and nature of science.**

A. The student will understand that science is a way of knowing about the world that is characterized by empirical criteria, logical argument, and skeptical review.

B. The student will understand that scientific inquiry is used in a systematic way to investigate the natural world.

C. The student will know that science and technology are human efforts that both influence and are influenced by society.

Subp. 2. **Physical science.**

A. The student will understand that matter is made of small particles and this explains the properties of matter.

B. The student will differentiate between chemical and physical changes.

C. The student will understand that energy exists in many forms and can be transferred in many ways.

D. The student will describe the motion of objects.

E. The student will understand that a variety of forces govern the structure and motion of objects in the universe.

3501.0785 GRADE 7 STANDARDS.

Subpart 1. History and nature of science.

A. The student will understand that science is a way of knowing about the world that is characterized by empirical criteria, logical argument, and skeptical review.

B. The student will design and conduct scientific investigations.

C. The student will know that science and technology are human efforts that both influence and are influenced by society.

D. The student will understand how scientific discovery, culture, societal norms, and technology have influenced one another in different time periods.

Subp. 2. Life science.

A. The student will understand that all organisms are composed of cells that carry on the many functions needed to sustain life.

B. The student will understand that living systems, at every level of organization, demonstrate the complementary nature of structure and function.

C. The student will understand that within ecosystems, complex interactions exist between organisms and the physical environment.

D. The student will understand that heredity information is contained in genes which are inherited through both sexual and asexual reproduction.

E. The student will understand how biological evolution provides a scientific explanation for the fossil record of ancient life forms as well as for the striking similarities observed among the diverse species of living organisms.

F. The student will understand how the flow of energy and the recycling of matter contribute to a stable ecosystem.

G. The student will understand human body systems and their relationship to disease.

3501.0790 GRADE 8 STANDARDS.

Subpart 1. History and nature of science.

A. The student will understand that science is a way of knowing about the world that is characterized by empirical criteria, logical argument, and skeptical review.

B. The student will understand that scientific inquiry is used by scientists to investigate the natural world in systematic ways.

C. The student will use multiple skills to design and conduct scientific investigations.

D. The student will know that science and technology are human efforts that both influence and are influenced by civilizations and cultures worldwide.

E. The student will understand how scientific discovery, culture, societal norms, and technology have influenced one another in different time periods.

Subp. 2. Earth and space science.

A. The student will identify earth's composition, structure, and processes.

B. The student will investigate the impact humans have on the environment.

C. The student will investigate how the atmosphere interacts with the earth system.

D. The student will compare objects in the solar system and explain their interactions with the earth.

E. The student will describe the composition and structure of the universe.

3501.0795 GRADE 9-12 STANDARDS.

Subpart 1. History and nature of science.

A. The student will understand the nature of scientific ways of thinking and that scientific knowledge changes and accumulates over time.

B. The student will design and conduct a scientific investigation.

C. The student will understand the relationship between science and technology and how both are used.

D. The student will recognize the historical and cultural context of scientific endeavors and how they influence each other.

Subp. 2. Physical science.

A. The student will understand the nature of matter including its forms, properties, and interactions.

B. The student will describe chemical reactions and the factors that influence them.

C. The student will understand energy forms, transformations, and transfers.

D. The student will understand the nature of force and motion.

E. The student will understand the forces of nature and their application.

Subp. 3. Earth and space science.

A. The student will understand that the interactions of the atmosphere, biosphere, lithosphere, hydrosphere, and space have

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resulted in ongoing change of the earth system over geologic time.

B. The student will investigate the impact humans have on the environment.

C. The student will explain the causes and effects of the earth's atmospheric and hydrologic processes.

D. The student will relate the formation and components of our solar system to the conditions necessary for life.

E. The student will use astronomical data to reveal the structure, scale, and changes in the stars, galaxies, and universe over time.

Subp. 4. Life science.

A. The student will comprehend that all living things are composed of cells, and that the life processes in a cell are based on molecular interactions.

B. The student will classify, compare, and contrast the diversity of organisms on earth and their modes of accommodating the requirements for life.

C. The student will describe how the environment and interactions between organisms can affect the number of species and the diversity of species in an ecosystem.

D. The student will explain how inherited characteristics are encoded by genes.

E. The student will understand how biological evolution provides a scientific explanation for the fossil record of ancient life forms, as well as for the striking molecular similarities observed among the diverse species of living organisms.

F. The student will describe and explain the cycling of matter and flow of energy through an ecosystem's living and nonliving components.

G. The student will understand how all organ systems, including the nervous system, interact to maintain homeostasis.

Exempt Rules

Exempt rules are excluded from the normal rulemaking procedures (*Minnesota Statutes* §§ 14.386 and 14.388). They are most often of two kinds. One kind is specifically exempted by the Legislature from rulemaking procedures, but approved for form by the Revisor of Statutes, reviewed for legality by the Office of Administrative Hearings, and then published in the *State Register*. These exempt rules are effective for two years only.

The second kind of exempt rule is one adopted where an agency for good cause finds that the rulemaking provisions of *Minnesota Statutes*, Chapter 14 are unnecessary, impracticable, or contrary to the public interest. This exemption can be used only where the rules:

- (1) address a serious and immediate threat to the public health, safety, or welfare, or
- (2) comply with a court order or a requirement in federal law in a manner that does not allow for compliance with *Minnesota Statutes* Sections 14.14-14.28, or
- (3) incorporate specific changes set forth in applicable statutes when no interpretation of law is required, or
- (4) make changes that do not alter the sense, meaning, or effect of the rules.

These exempt rules are also reviewed for form by the Revisor of Statutes, for legality by the Office of Administrative Hearings and then published in the *State Register*. In addition, the Office of Administrative Hearings must determine whether the agency has provided adequate justification for the use of this exemption. Rules adopted under clauses (1) or (2) above are effective for two years only. The Legislature may also exempt an agency from the normal rulemaking procedures and establish other procedural and substantive requirements unique to that exemption.

KEY: Proposed Rules - Underlining indicates additions to existing rule language. ~~Strikeouts~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated "all new material." **Adopted Rules** - Underlining indicates additions to proposed rule language. ~~Strikeout~~ indicates deletions from proposed rule language.

Department of Labor and Industry

Occupational Safety and Health Division

Proposed Exempt Permanent Rules Governing Occupational Safety and Health Standards

Proposed Revision to the Occupational Safety and Health Standards and Request for Comments

NOTICE IS HEREBY GIVEN that the Department of Labor and Industry, Occupational Safety and Health Division (Minnesota OSHA), proposes to adopt the following amendment to the Department of Labor and Industry, Occupational Safety and Health Rules. Statutory authority to adopt the amendment is in *Minnesota Statutes* §182.655.

This notice proposes the addition of *Minnesota Rules* 5205.0720 "Thermoplastic Piping (PVC Pipe)," and *Minnesota Rules* 5205.1310 and 5207.1100 "Elevating Work Platform Equipment." In addition, *Minnesota Rules* 5208.1500 "Standard Industrial Classification List for AWAIR," is being revised.

All interested or affected persons have 30 days from the date this notice is published in the *State Register* to submit, in writing, data and views on the proposed amendments to the rule. Comments in support of or in opposition to the proposed amendments are encouraged. Each comment should identify the portion of the proposed amendment addressed, the reason for the comment, and any change proposed.

Any person may file with the Commissioner written objections to the proposed amendments stating the grounds for those objections, and may request a public hearing. A public hearing will be held if 25 or more persons submit written requests for a public hearing on the proposed amendments within the 30-day comment period. Requests for hearing must include the name and address of the person submitting the request, define the reasons for the request, and discuss any proposed changes. If a public hearing is required, the Department will proceed according to the provisions of *Minnesota Statutes* §182.655 and *Minnesota Rules* 5210.0020 to 5210.0100.

Written comments or requests for a public hearing should be sent to: Occupational Safety and Health Division, Department of Labor and Industry, 443 Lafayette Road, St. Paul, Minnesota 55155-4307.

Steve Sviggum, Commissioner
Department of Labor and Industry

Exempt Rules

SUMMARY OF CHANGES

The following is a brief summary of the proposed changes. The complete text of the proposed revisions follows this summary.

Proposed addition of Minnesota Rules 5205.0720 “Thermoplastic piping (PVC Pipe).” This rule was developed to protect employees from possible hazards when PVC piping is used to transport compressed air.

Proposed addition of Minnesota Rules 5205.1310 and 5207.1100 “Elevating Work Platform Equipment.” The rules were developed to prevent potential injury by requiring fall protection to employees while occupying a boom-supported elevating work platform or a personnel elevating platform supported by a rough terrain forklift truck.

Proposed update to Minnesota Rules 5208.1500 “Standard Industrial Classification List for AWAIR.” This proposal seeks to update the AWAIR list. “A Workplace Accident and Injury Reduction Act” (AWAIR) was passed by the Minnesota Legislature during the 1990 session (*Laws of Minnesota, 1990*, Chapter 508). The AWAIR Act, subdivision 8, requires that a covered employer establish a written work place accident and injury reduction program that promotes safe and healthful working conditions and is based on clearly stated goals and objectives for meeting those goals. Subdivision 9 of §182.653 requires the Commissioner of Labor and Industry to adopt a list of standard industrial classifications (SIC) or North American Industrial Classifications (NAICS) of employers who must comply with subdivision 8, and the list must be updated every two years. The list must be based on the safety record or worker’s compensation record of the industries. Employers within the NAICS classifications on the list must comply with subdivision 8 within six months following the date the NAICS classification that applies to them is placed on the adopted list. To meet the mandate of §182.653, subdivision 9, Minnesota injury and illness statistics were reviewed. The proposed revisions to the list are based on the “Minnesota Occupational Injuries and Illnesses Survey, 2006” which was conducted by the Minnesota Department of Labor and Industry in cooperation with the Bureau of Labor Statistics (BLS). The survey results are reported as occupational injuries and illnesses incidence rates by industry (NAICS). For all industries combined, the 2006 Minnesota survey results includes industries with a case rate (per 100 full-time employees) for days away from work, days of restricted work activity or job transfer (DART) at or above 2.4, or a total case incidence rate (recordable injuries and illnesses per 100 full-time workers) at or above 5.1. These rates reflect the combined or “average” rates for all reporting industries. Those industries (NAICS) with an incidence rate higher than 5.1 or a DART rate higher than 2.4 are considered to have a higher-than-average rate of injuries and illnesses and, therefore, are required to comply with the AWAIR Act.

Rules as Proposed (see Revisor’s copy)

5205.0720 THERMOPLASTIC PIPING (PVC PIPE).

PVC piping shall be used only for its intended purpose and shall not be used for the transport of compressed air without the manufacturer’s written approval unless completely enclosed in a conduit or casing of sufficient strength to provide protection from external damage and deterioration.

ELEVATING WORK PLATFORM EQUIPMENT

5205.1310 ELEVATING WORK PLATFORM EQUIPMENT.

Subpart 1. **Scope.** This part applies to boom-supported elevating work platforms and personnel elevating platforms supported by rough-terrain forklift trucks, which are used to position personnel to various work locations. This part does not apply to nonarticulating scissor-type elevating work platforms or firefighting equipment.

Subp. 2. **Fall protection.** An employee, while occupying a boom-supported elevating work platform or a personnel elevating platform supported by a rough-terrain forklift truck, shall be protected from falling by the use of personal fall arrest systems that meet the requirements of *Code of Federal Regulations*, title 29, section 1926.502(d), or positioning device systems that meet the requirements of *Code of Federal Regulations*, title 29, section 1926.502(e).

ELEVATING WORK PLATFORM EQUIPMENT

5207.1100 ELEVATING WORK PLATFORM EQUIPMENT.

Subpart 1. **Scope.** This part applies to boom-supported elevating work platforms and personnel elevating platforms supported by rough-terrain forklift trucks, which are used to position personnel to various work locations. This part does not apply to nonarticulating scissor-type elevating work platforms or firefighting equipment.

Subp. 2. **Fall protection.** An employee, while occupying a boom-supported elevated work platform or a personnel elevating platform

supported by a rough-terrain forklift truck, shall be protected from falling by the use of personal fall arrest systems that meet the requirements of *Code of Federal Regulations*, title 29, section 1926.502(d), or positioning device systems that meet the requirements of *Code of Federal Regulations*, title 29, section 1926.502(e).

5208.1500 STANDARD INDUSTRIAL CLASSIFICATION LIST FOR AWAIR.

Employers in the North American Industry classifications listed in this part must comply with *Minnesota Statutes*, section 182.653, subdivision 8. The North American Industry classifications in this part are those defined by the Office of Management and Budget published in the North American Industry Classification System, 2002 edition.

[For text of items A to C, see M.R.]

D. Manufacturing:

[For text of subitems (1) to (124), see M.R.]

- (125) 322110, pulp mills;
- (126) 322121, paper (except newsprint) mills;
- (127) 322122, newsprint mills;
- (128) 322130, paperboard mills;
- (129) (125) 322211, corrugated and solid fiber box manufacturing;
- (130) (126) 322212, folding paperboard box manufacturing;
- (131) (127) 322213, setup paperboard box manufacturing;
- (132) (128) 322214, fiber can, tube, drum, and similar products manufacturing;
- (133) (129) 322215, nonfolding sanitary food container manufacturing;
- (134) (130) 322221, coated and laminated packaging paper and plastics film manufacturing;
- (135) (131) 322222, coated and laminated paper manufacturing;
- (136) (132) 322223, plastics, foil, and coated paper bag manufacturing;
- (137) (133) 322224, uncoated paper and multiwall bag manufacturing;
- (138) (134) 322225, laminated aluminum foil manufacturing for flexible packaging uses;
- (139) (135) 322226, surface-coated paperboard manufacturing;
- (140) (136) 322231, die-cut paper and paperboard office supplies manufacturing;
- (141) (137) 322232, envelope manufacturing;
- (142) (138) 322233, stationery, tablet, and related product manufacturing;
- (143) (139) 322291, sanitary paper product manufacturing;
- (144) (140) 322299, all other converted paper product manufacturing;
- (145) (141) 323110, commercial lithographic printing;
- (146) (142) 323111, commercial gravure printing;
- (147) (143) 323112, commercial flexographic printing;
- (148) (144) 323113, commercial screen printing;
- (149) (145) 323114, quick printing;
- (150) (146) 323115, digital printing;
- (151) (147) 323116, manifold business forms printing;
- (152) (148) 323117, books printing;
- (153) (149) 323118, blankbook, looseleaf binders, and devices manufacturing;
- (154) (150) 323119, other commercial printing;
- (155) (151) 323121, tradebinding and related work;
- (156) (152) 323122, prepress services;
- (157) (153) 324110, petroleum refineries;
- (158) (154) 324121, asphalt paving mixture and block manufacturing;
- (159) (155) 324122, asphalt shingle and coating materials manufacturing;
- (160) (156) 324191, petroleum lubricating oil and grease manufacturing;
- (161) (157) 324199, all other petroleum and coal products manufacturing;
- (162) (158) 326111, plastics bag manufacturing;
- (163) (159) 326112, plastics packaging film and sheet (including laminated) manufacturing;
- (164) (160) 326113, unlaminated plastics film and sheet (except packaging) manufacturing;
- (165) (161) 326121, unlaminated plastics profile shape manufacturing;
- (166) (162) 326122, plastics pipe and pipe fitting manufacturing;

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(167) (163) 326130, laminated plastics plate, sheet (except packaging), and shape manufacturing;
(168) (164) 326140, polystyrene foam product manufacturing;
(169) (165) 326150, urethane and other foam product (except polystyrene) manufacturing;
(170) (166) 326160, plastics bottle manufacturing;
(171) (167) 326191, plastics plumbing fixture manufacturing;
(172) (168) 326192, resilient floor covering manufacturing;
(173) (169) 326199, all other plastics product manufacturing;
(174) (170) 326211, tire manufacturing (except retreading);
(175) (171) 326212, tire retreading;
(176) (172) 326220, rubber and plastic hoses and belting manufacturing;
(177) (173) 326291, rubber product manufacturing for mechanical use;
(178) (174) 326299, all other rubber product manufacturing;
(175) 327111, vitreous china plumbing fixture and china and earthenware bathroom accessories manufacturing;
(179) (176) 327112, vitreous china, fine earthenware, and other pottery product manufacturing;
(180) (177) 327113, porcelain electrical supply manufacturing;
(181) (178) 327121, brick and structural clay tile manufacturing;
(182) (179) 327122, ceramic wall and floor tile manufacturing;
(183) (180) 327123, other structural clay product manufacturing;
(184) (181) 327124, clay refractory manufacturing;
(185) (182) 327125, nonclay refractory manufacturing;
(186) (183) 327211, flat glass manufacturing;
(187) (184) 327212, other pressed and blown glass and glassware manufacturing;
(188) (185) 327213, glass container manufacturing;
(189) (186) 327215, glass product manufacturing made of purchased glass;
(190) (187) 327310, cement manufacturing;
(191) (188) 327320, ready-mix concrete manufacturing;
(192) (189) 327331, concrete block and brick manufacturing;
(193) (190) 327332, concrete pipe manufacturing;
(194) (191) 327390, other concrete product manufacturing;
(195) (192) 327410, lime manufacturing;
(196) (193) 327420, gypsum product manufacturing;
(197) (194) 327910, abrasive product manufacturing;
(198) (195) 327991, cut stone and stone product manufacturing;
(199) (196) 327992, ground or treated mineral and earth manufacturing;
(200) (197) 327993, mineral wool manufacturing;
(201) (198) 327999, all other miscellaneous nonmetallic mineral product manufacturing;
(202) (199) 331111, iron and steel mills;
(203) (200) 331112, electrometallurgical ferroalloy product manufacturing;
(204) (201) 331210, iron and steel pipe and tube manufacturing from purchased steel;
(205) (202) 331221, rolled steel shape manufacturing;
(206) (203) 331222, steel wire drawing;
(207) (204) 331311, alumina refining;
(208) (205) 331312, primary aluminum production;
(209) (206) 331314, secondary smelting and alloying of aluminum;
(210) (207) 331315, aluminum sheet, plate, and foil manufacturing;
(211) (208) 331316, aluminum extended product manufacturing;
(212) (209) 331319, other aluminum rolling and drawing;
(213) (210) 331411, primary smelting and refining of copper;
(214) (211) 331419, primary smelting and refining of nonferrous metal (except copper and aluminum);
(215) (212) 331421, copper rolling, drawing, and extruding;
(216) (213) 331422, copper wire (except mechanical) drawing;
(217) (214) 331423, secondary smelting, refining, and alloying of copper;
(218) (215) 331491, nonferrous metal (except copper and aluminum) rolling, drawing, and extruding;
(219) (216) 331492, secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum);

~~(220)~~ ~~(217)~~ 331511, iron foundries;
~~(221)~~ ~~(218)~~ 331512, steel investment foundries;
~~(222)~~ ~~(219)~~ 331513, steel foundries (except investment);
~~(223)~~ ~~(220)~~ 331521, aluminum die-casting foundries;
~~(224)~~ ~~(221)~~ 331522, nonferrous (except aluminum) die-casting foundries;
~~(225)~~ ~~(222)~~ 331524, aluminum foundries (except die-casting);
~~(226)~~ ~~(223)~~ 331525, copper foundries (except die-casting);
~~(227)~~ ~~(224)~~ 331528, other nonferrous foundries (except die-casting);
~~(228)~~ ~~(225)~~ 332111, iron and steel forging;
~~(229)~~ ~~(226)~~ 332112, nonferrous forging;
~~(230)~~ ~~(227)~~ 332114, custom roll forming;
~~(231)~~ ~~(228)~~ 332115, crown and closure manufacturing;
~~(232)~~ ~~(229)~~ 332116, metal stamping;
~~(233)~~ ~~(230)~~ 332117, powder metallurgy part manufacturing;
~~(234)~~ ~~(231)~~ 332211, cutlery and flatware (except precious) manufacturing;
~~(235)~~ ~~(232)~~ 332212, hand and edge tool manufacturing;
~~(236)~~ ~~(233)~~ 332213, saw blade and handsaw manufacturing;
~~(237)~~ ~~(234)~~ 332214, kitchen utensil, pot, and pan manufacturing;
~~(238)~~ ~~(235)~~ 332311, prefabricated metal building and component manufacturing;
~~(239)~~ ~~(236)~~ 332312, fabricated structural metal manufacturing;
~~(240)~~ ~~(237)~~ 332313, plate work manufacturing;
~~(241)~~ ~~(238)~~ 332321, metal window and door manufacturing;
~~(242)~~ ~~(239)~~ 332322, sheet metal work manufacturing;
~~(243)~~ ~~(240)~~ 332323, ornamental and architectural metal work manufacturing;
~~(244)~~ ~~(241)~~ 332410, power boiler and heat exchanger manufacturing;
~~(245)~~ ~~(242)~~ 332420, metal tank (heavy gauge) manufacturing;
~~(246)~~ ~~(243)~~ 332431, metal can manufacturing;
~~(247)~~ ~~(244)~~ 332439, other metal container manufacturing;
~~(248)~~ ~~(245)~~ 332510, hardware manufacturing;
~~(249)~~ ~~(246)~~ 332611, spring (heavy gauge) manufacturing;
~~(250)~~ ~~(247)~~ 332612, spring (light gauge) manufacturing;
~~(251)~~ ~~(248)~~ 332618, other fabricated wire product manufacturing;
~~(252)~~ ~~(249)~~ 332710, machine shops;
~~(253)~~ ~~(250)~~ 332721, precision turned product manufacturing;
~~(254)~~ ~~(251)~~ 332722, bolt, nut, screw, rivet, and washer manufacturing;
~~(255)~~ ~~(252)~~ 332811, metal heat treating;
~~(256)~~ ~~(253)~~ 332812, metal coating, engraving (except jewelry and silverware), and allied services to manufacturers;
~~(257)~~ ~~(254)~~ 332813, electroplating, plating, polishing, anodizing, and coloring;
~~(258)~~ ~~(255)~~ 332911, industrial valve manufacturing;
~~(259)~~ ~~(256)~~ 332912, fluid power valve and hose fitting manufacturing;
~~(260)~~ ~~(257)~~ 332913, plumbing fixture fitting and trim manufacturing;
~~(261)~~ ~~(258)~~ 332919, other metal valve and pipe fitting manufacturing;
~~(262)~~ ~~(259)~~ 332991, ball and roller bearing manufacturing;
~~(263)~~ ~~(260)~~ 332992, small arms ammunition manufacturing;
~~(264)~~ ~~(261)~~ 332993, ammunition (except small arms) manufacturing;
~~(265)~~ ~~(262)~~ 332994, small arms manufacturing;
~~(266)~~ ~~(263)~~ 332995, other ordnance and accessories manufacturing;
~~(267)~~ ~~(264)~~ 332996, fabricated pipe and pipe fitting manufacturing;
~~(268)~~ ~~(265)~~ 332997, industrial pattern manufacturing;
~~(269)~~ ~~(266)~~ 332998, enameled iron and metal sanitary ware manufacturing;
~~(270)~~ ~~(267)~~ 332999, all other miscellaneous fabricated metal product manufacturing;
~~(271)~~ ~~(268)~~ 333111, farm machinery and equipment manufacturing;
~~(272)~~ ~~(269)~~ 333112, lawn and garden tractor and home lawn and garden equipment manufacturing;
~~(273)~~ ~~(270)~~ 333120, construction machinery manufacturing;

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- ~~(274)~~ ~~(271)~~ 333131, mining machinery and equipment manufacturing;
- ~~(275)~~ ~~(272)~~ 333132, oil and gas field machinery and equipment manufacturing;
- ~~(276)~~ ~~(273)~~ 333210, sawmill and woodworking machinery manufacturing;
- ~~(277)~~ ~~(274)~~ 333220, plastics and rubber industry machinery manufacturing;
- ~~(278)~~ ~~(275)~~ 333291, paper industry machinery manufacturing;
- ~~(279)~~ ~~(276)~~ 333292, textile machinery manufacturing;
- ~~(280)~~ ~~(277)~~ 333293, printing machinery and equipment manufacturing;
- ~~(281)~~ ~~(278)~~ 333294, food product machinery manufacturing;
- ~~(282)~~ ~~(279)~~ 333295, semiconductor machinery manufacturing;
- ~~(283)~~ ~~(280)~~ 333298, all other industrial machinery manufacturing;
- ~~(284)~~ ~~(281)~~ 333311, automatic vending machine manufacturing;
- ~~(285)~~ ~~(282)~~ 333312, commercial laundry, drycleaning, and pressing machine manufacturing;
- ~~(286)~~ ~~(283)~~ 333313, office machinery manufacturing;
- ~~(287)~~ ~~(284)~~ 333314, optical instrument and lens manufacturing;
- ~~(288)~~ ~~(285)~~ 333315, photographic and photocopying equipment manufacturing;
- ~~(289)~~ ~~(286)~~ 333319, other commercial and service industry machinery manufacturing;
- ~~(290)~~ ~~(287)~~ 333411, air purification equipment manufacturing;
- ~~(291)~~ ~~(288)~~ 333412, industrial and commercial fan and blower manufacturing;
- ~~(292)~~ ~~(289)~~ 333414, heating equipment (except warm air furnaces) manufacturing;
- ~~(293)~~ ~~(290)~~ 333415, air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing;
- ~~(294)~~ ~~(291)~~ 333511, industrial mold manufacturing;
- ~~(295)~~ ~~(292)~~ 333512, machine tool (metal cutting types) manufacturing;
- ~~(296)~~ ~~(293)~~ 333513, machine tool (metal forming types) manufacturing;
- ~~(297)~~ ~~(294)~~ 333514, special die and tool, die set, jig, and fixture manufacturing;
- ~~(298)~~ ~~(295)~~ 333515, cutting tool and machine tool accessory manufacturing;
- ~~(299)~~ ~~(296)~~ 333516, rolling mill machinery and equipment manufacturing;
- ~~(300)~~ ~~(297)~~ 333518, other metalworking machinery manufacturing;
- ~~(301)~~ ~~(298)~~ 333611, turbine and turbine generator set units manufacturing;
- ~~(302)~~ ~~(299)~~ 333612, speed changer, industrial high-speed drive, and gear manufacturing;
- ~~(303)~~ ~~(300)~~ 333613, mechanical power transmission equipment manufacturing;
- ~~(304)~~ ~~(301)~~ 333618, other engine equipment manufacturing;
- ~~(305)~~ ~~(302)~~ 333911, pump and pumping equipment manufacturing;
- ~~(306)~~ ~~(303)~~ 333912, air and gas compressor manufacturing;
- ~~(307)~~ ~~(304)~~ 333913, measuring and dispensing pump manufacturing;
- ~~(308)~~ ~~(305)~~ 333921, elevator and moving stairway manufacturing;
- ~~(309)~~ ~~(306)~~ 333922, conveyor and conveying equipment manufacturing;
- ~~(310)~~ ~~(307)~~ 333923, overhead traveling crane, hoist, and monorail system manufacturing;
- ~~(311)~~ ~~(308)~~ 333924, industrial truck, tractor, trailer, and stacker machinery manufacturing;
- ~~(312)~~ ~~(309)~~ 333991, power-driven handtool manufacturing;
- ~~(313)~~ ~~(310)~~ 333992, welding and soldering equipment manufacturing;
- ~~(314)~~ ~~(311)~~ 333993, packaging machinery manufacturing;
- ~~(315)~~ ~~(312)~~ 333994, industrial process furnace and oven manufacturing;
- ~~(316)~~ ~~(313)~~ 333995, fluid power cylinder and actuator manufacturing;
- ~~(317)~~ ~~(314)~~ 333996, fluid power pump and motor manufacturing;
- ~~(318)~~ ~~(315)~~ 333997, scale and balance (except laboratory) manufacturing;
- ~~(319)~~ ~~(316)~~ 333999, all other miscellaneous general purpose machinery manufacturing;
- ~~(320)~~ ~~(317)~~ 335110, electric lamp bulb and part manufacturing;
- ~~(321)~~ ~~(318)~~ 335121, residential electric lighting fixture manufacturing;
- ~~(322)~~ ~~(319)~~ 335122, commercial, industrial, and institutional electric lighting fixture manufacturing;
- ~~(323)~~ ~~(320)~~ 335129, other lighting equipment manufacturing;
- ~~(324)~~ ~~(321)~~ 335211, electric housewares and household fan manufacturing;
- ~~(325)~~ ~~(322)~~ 335212, household vacuum cleaner manufacturing;
- ~~(326)~~ ~~(323)~~ 335221, household cooking appliance manufacturing;

~~(327)~~ ~~(324)~~ 335222, household refrigerator and home freezer manufacturing;
~~(328)~~ ~~(325)~~ 335224, household laundry equipment manufacturing;
~~(329)~~ ~~(326)~~ 335228, other major household appliance manufacturing;
~~(330)~~ ~~(327)~~ 335311, power, distribution, and specialty transformer manufacturing;
~~(331)~~ ~~(328)~~ 335312, motor and generator manufacturing;
~~(332)~~ ~~(329)~~ 335313, switchgear and switchboard apparatus manufacturing;
~~(333)~~ ~~(330)~~ 335314, relay and industrial control manufacturing;
~~(334)~~ ~~(331)~~ 335911, storage battery manufacturing;
~~(335)~~ ~~(332)~~ 335912, primary battery manufacturing;
~~(336)~~ ~~(333)~~ 335921, fiber optic cable manufacturing;
~~(337)~~ ~~(334)~~ 335929, other communication and energy wire manufacturing;
~~(338)~~ ~~(335)~~ 335931, current-carrying wiring device manufacturing;
~~(339)~~ ~~(336)~~ 335932, noncurrent-carrying wiring device manufacturing;
~~(340)~~ ~~(337)~~ 335991, carbon and graphite product manufacturing;
~~(341)~~ ~~(338)~~ 335999, all other miscellaneous electrical equipment and component manufacturing;
~~(342)~~ ~~(339)~~ 336111, automobile manufacturing;
~~(343)~~ ~~(340)~~ 336112, light truck and utility vehicle manufacturing;
~~(344)~~ ~~(341)~~ 336120, heavy duty truck manufacturing;
~~(345)~~ ~~(342)~~ 336211, motor vehicle body manufacturing;
~~(346)~~ ~~(343)~~ 336212, truck trailer manufacturing;
~~(347)~~ ~~(344)~~ 336213, motor home manufacturing;
~~(348)~~ ~~(345)~~ 336214, travel trailer and camper manufacturing;
~~(349)~~ ~~(346)~~ 336311, carburetor, piston, piston ring, and valve manufacturing;
~~(350)~~ ~~(347)~~ 336312, gasoline engine and engine parts manufacturing;
~~(351)~~ ~~(348)~~ 336321, vehicular lighting equipment manufacturing;
~~(352)~~ ~~(349)~~ 336322, other motor vehicle electrical and electronic equipment manufacturing;
~~(353)~~ ~~(350)~~ 336330, motor vehicle steering and suspension components (except spring) manufacturing;
~~(354)~~ ~~(351)~~ 336340, motor vehicle brake system manufacturing;
~~(355)~~ ~~(352)~~ 336350, motor vehicle transmission and power train parts manufacturing;
~~(356)~~ ~~(353)~~ 336360, motor vehicle seating and interior trim manufacturing;
~~(357)~~ ~~(354)~~ 336370, motor vehicle metal stamping;
~~(358)~~ ~~(355)~~ 336391, motor vehicle air-conditioning manufacturing;
~~(359)~~ ~~(356)~~ 336399, all other motor vehicle parts manufacturing;
~~(360)~~ ~~(357)~~ 336411, aircraft manufacturing;
~~(361)~~ ~~(358)~~ 336412, aircraft engine and engine parts manufacturing;
~~(362)~~ ~~(359)~~ 336413, other aircraft parts and auxiliary equipment manufacturing;
~~(363)~~ ~~(360)~~ 336414, guided missile and space vehicle manufacturing;
~~(364)~~ ~~(361)~~ 336415, guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing;
~~(365)~~ ~~(362)~~ 336419, other guided missile and space vehicle parts and auxiliary equipment manufacturing;
~~(366)~~ ~~(363)~~ 336510, railroad rolling stock manufacturing;
~~(367)~~ ~~(364)~~ 336611, ship building and repairing;
~~(368)~~ ~~(365)~~ 336612, boat building;
~~(369)~~ ~~(366)~~ 336991, motorcycle, bicycle, and parts manufacturing;
~~(370)~~ ~~(367)~~ 336992, military armored vehicle, tank, and tank component manufacturing;
~~(371)~~ ~~(368)~~ 336999, all other transportation equipment manufacturing;
~~(372)~~ ~~(369)~~ 337110, wood kitchen cabinet and countertop manufacturing;
~~(373)~~ ~~(370)~~ 337121, upholstered household furniture manufacturing;
~~(374)~~ ~~(371)~~ 337122, nonupholstered wood household furniture manufacturing;
~~(375)~~ ~~(372)~~ 337124, metal household furniture manufacturing;
~~(376)~~ ~~(373)~~ 337125, household furniture (except wood and metal) manufacturing;
~~(377)~~ ~~(374)~~ 337127, institutional furniture manufacturing;
~~(378)~~ ~~(375)~~ 337129, wood television, radio, and sewing machine cabinet manufacturing;
~~(379)~~ ~~(376)~~ 337211, wood office furniture manufacturing;
~~(380)~~ ~~(377)~~ 337212, custom architectural woodwork and millwork manufacturing;

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- (381) (378) 337214, office furniture (except wood) manufacturing;
- (382) (379) 337215, showcase, partition, shelving, and locker manufacturing;
- (383) (380) 337910, mattress manufacturing; and
- (384) (381) 337920, blind and shade manufacturing;.
- (385) 339911, jewelry (except costume) manufacturing;
- (386) 339912, silverware and hollowware manufacturing;
- (387) 339913, jewelers' material and lapidary work manufacturing;
- (388) 339914, costume jewelry and novelty manufacturing;
- (389) 339920, sporting and athletic goods manufacturing;
- (390) 339931, doll and stuffed toy manufacturing;
- (391) 339932, game, toy, and children's vehicle manufacturing;
- (392) 339941, pen and mechanical pencil manufacturing;
- (393) 339942, lead pencil and art good manufacturing;
- (394) 339943, marking device manufacturing;
- (395) 339944, carbon paper and inked ribbon manufacturing;
- (396) 339950, sign manufacturing;
- (397) 339991, gasket, packing, and sealing device manufacturing;
- (398) 339992, musical instrument manufacturing;
- (399) 339993, fastener, button, needle, and pin manufacturing;
- (400) 339994, broom, brush, and mop manufacturing;
- (401) 339995, burial casket manufacturing; and
- (402) 339999, all other miscellaneous manufacturing.

E. Wholesale trade:

[For text of subitems (1) to (4), see M.R.]

- (5) 423210, furniture merchant wholesalers;
- (6) 423220, home furnishing merchant wholesalers;
- (5) (7) 423310, lumber, plywood, millwork, and wood panel merchant wholesalers;
- (6) (8) 423320, brick, stone, and related construction material merchant wholesalers;
- (7) (9) 423330, roofing, siding, and insulation material merchant wholesalers;
- (8) (10) 423390, other construction material merchant wholesalers;
- (9) 423810, construction and mining (except oil well) machinery and equipment merchant wholesalers;
- (10) 423820, farm and garden machinery and equipment merchant wholesalers;
- (11) 423830, industrial machinery and equipment merchant wholesalers;
- (12) 423840, industrial supplies merchant wholesalers;
- (13) 423850, service establishment equipment and supplies merchant wholesalers;
- (14) 423860, transportation equipment and supplies (except motor vehicle) merchant wholesalers;
- (11) 423410, photographic equipment and supplies merchant wholesalers;
- (12) 423420, office equipment merchant wholesalers;
- (13) 423430, computer and computer peripheral equipment and software merchant wholesalers;
- (14) 423440, other commercial equipment merchant wholesalers;
- (15) 423450, medical, dental, and hospital equipment and supplies merchant wholesalers;
- (16) 423460, ophthalmic goods merchant wholesalers;
- (17) 423490, other professional equipment and supplies merchant wholesalers;
- (18) 423510, metal service centers and other metal merchant wholesalers;
- (19) 423520, coal and other mineral and ore merchant wholesalers;
- (20) 423610, electrical apparatus and equipment, wiring supplies, and related equipment merchant wholesalers;
- (21) 423620, electrical and electronic appliance, television, and radio set merchant wholesalers;
- (22) 423690, other electronic parts and equipment merchant wholesalers;
- (23) 423710, hardware merchant wholesalers;
- (24) 423720, plumbing and heating equipment and supplies (hydronics) merchant wholesalers;
- (25) 423730, warm air heating and air-conditioning equipment and supplies merchant wholesalers;
- (26) 423740, refrigeration equipment and supplies merchant wholesalers;
- (27) 423910, sporting and recreational goods and supplies merchant wholesalers;
- (28) 423920, toy and hobby goods and supplies merchant wholesalers;

- ~~(29)~~ 423930, recyclable material merchant wholesalers;
- ~~(30)~~ 423940, jewelry, watch, precious stone, and precious metal merchant wholesalers;
- ~~(31)~~ 423990, other miscellaneous durable goods merchant wholesalers;
- ~~(15)~~ ~~(32)~~ 424110, printing and writing paper merchant wholesalers;
- ~~(16)~~ ~~(33)~~ 424120, stationery and office supplies merchant wholesalers;
- ~~(17)~~ ~~(34)~~ 424130, industrial and personal service paper merchant wholesalers;
- ~~(18)~~ ~~(35)~~ 424210, drugs and druggists' sundries merchant wholesalers;
- ~~(19)~~ ~~(36)~~ 424310, piece goods, notions, and other dry goods merchant wholesalers;
- ~~(20)~~ ~~(37)~~ 424320, men's and boys' clothing and furnishings merchant wholesalers;
- ~~(21)~~ ~~(38)~~ 424330, women's, children's, and infants' clothing and accessories merchant wholesalers;
- ~~(22)~~ ~~(39)~~ 424340, footwear merchant wholesalers;
- ~~(23)~~ ~~(40)~~ 424410, general line grocery merchant wholesalers;
- ~~(24)~~ ~~(41)~~ 424420, packaged frozen food merchant wholesalers;
- ~~(25)~~ ~~(42)~~ 424430, dairy product (except dried or canned) merchant wholesalers;
- ~~(26)~~ ~~(43)~~ 424440, poultry and poultry product merchant wholesalers;
- ~~(27)~~ ~~(44)~~ 424450, confectionery merchant wholesalers;
- ~~(28)~~ ~~(45)~~ 424460, fish and seafood merchant wholesalers;
- ~~(29)~~ ~~(46)~~ 424470, meat and meat product merchant wholesalers;
- ~~(30)~~ ~~(47)~~ 424480, fresh fruit and vegetable merchant wholesalers;
- ~~(31)~~ ~~(48)~~ 424490, other grocery and related products merchant wholesalers;
- ~~(32)~~ ~~(49)~~ 424510, grain and field bean merchant wholesalers;
- ~~(33)~~ ~~(50)~~ 424520, livestock merchant wholesalers;
- ~~(34)~~ ~~(51)~~ 424590, other farm product raw material merchant wholesalers;
- ~~(35)~~ ~~(52)~~ 424610, plastics materials and basic forms and shapes merchant wholesalers;
- ~~(36)~~ ~~(53)~~ 424690, other chemical and allied products merchant wholesalers;
- ~~(37)~~ ~~(54)~~ 424710, petroleum bulk stations and terminals;
- ~~(38)~~ ~~(55)~~ 424720, petroleum and petroleum products merchant wholesalers (except bulk stations and terminals);
- ~~(39)~~ ~~(56)~~ 424810, beer and ale merchant wholesalers;
- ~~(40)~~ ~~(57)~~ 424820, wine and distilled alcoholic beverage merchant wholesalers;
- ~~(41)~~ ~~(58)~~ 424910, farm supplies merchant wholesalers;
- ~~(42)~~ ~~(59)~~ 424920, book, periodical, and newspaper merchant wholesalers;
- ~~(43)~~ ~~(60)~~ 424930, flower, nursery stock, and florists' supplies merchant wholesalers;
- ~~(44)~~ ~~(61)~~ 424940, tobacco and tobacco product merchant wholesalers;
- ~~(45)~~ ~~(62)~~ 424950, paint, varnish, and supplies merchant wholesalers; ~~and~~
- ~~(46)~~ ~~(63)~~ 424990, other miscellaneous nondurable goods merchant wholesalers;;
- ~~(64)~~ 425110, business-to-business electronic markets; and
- ~~(65)~~ 425120, wholesale trade agents and brokers.

F. Retail trade:

- ~~(1)~~ ~~441110, new car dealers;~~
- ~~(2)~~ ~~441120, used car dealers;~~
- ~~(3)~~ ~~(1)~~ 441210, recreational vehicle dealers;
- ~~(4)~~ ~~(2)~~ 441221, motorcycle dealers;
- ~~(5)~~ ~~(3)~~ 441222, boat dealers;
- ~~(6)~~ ~~(4)~~ 441229, all other motor vehicle dealers;
- ~~(7)~~ ~~(5)~~ 441310, automotive parts and accessories stores;
- ~~(8)~~ ~~(6)~~ 441320, tire dealers;
- ~~(9)~~ ~~(7)~~ 442110, furniture stores;
- ~~(10)~~ ~~(8)~~ 442210, floor covering stores;
- ~~(11)~~ ~~(9)~~ 442291, window treatment stores;
- ~~(12)~~ ~~(10)~~ 442299, all other home furnishings stores;
- ~~(11)~~ 443111, household appliance stores;
- ~~(12)~~ 443112, radio, television, and other electronics stores;
- ~~(13)~~ 443120, computer and software stores;
- ~~(14)~~ 443130, camera and photographic supplies stores;

Exempt Rules

- ~~(13)~~ (15) 444110, home centers;
- ~~(14)~~ (16) 444120, paint and wallpaper stores;
- ~~(15)~~ (17) 444130, hardware stores;
- ~~(16)~~ (18) 444190, other building material dealers;
- ~~(17)~~ (19) 444210, outdoor power equipment stores;
- ~~(18)~~ (20) 444220, nursery, garden center, and farm supply stores;
- ~~(19)~~ (21) 445110, supermarkets and other grocery (except convenience) stores;
- ~~(20)~~ (22) 445120, convenience stores;
- ~~(21)~~ (23) 445210, meat markets;
- ~~(22)~~ (24) 445220, fish and seafood markets;
- ~~(23)~~ (25) 445230, fruit and vegetable markets;
- ~~(24)~~ (26) 445291, baked goods stores;
- ~~(25)~~ (27) 445292, confectionery and nut stores;
- ~~(26)~~ (28) 445299, all other specialty food stores;
- ~~(27)~~ (29) 445310, beer, wine, and liquor stores;
- (30) 446110, pharmacies and drug stores;
- (31) 446120, cosmetics, beauty supplies, and perfume stores;
- (32) 446130, hardware stores;
- (33) 446190, food (health) supplement stores;
- (34) 446199, all other health and personal care stores;
- (35) 451110, sporting goods stores;
- (36) 451120, hobby, toy, and game stores;
- (37) 451130, sewing, needlework, and piece goods stores;
- (38) 451140, musical instrument and supplies stores;
- (39) 451211, book stores;
- (40) 451212, news dealers and newsstands;
- (41) 451220, prerecorded tape, compact disc, and record stores;
- ~~(28)~~ (42) 452111, department stores (except discount department stores);
- ~~(29)~~ (43) 452112, discount department stores;
- ~~(30)~~ (44) 452910, warehouse clubs and supercenters;
- ~~(31)~~ (45) 452990, all other general merchandise stores;
- (46) 453110, florists;
- (47) 453210, office supplies and stationery stores;
- (48) 453220, gift, novelty, and souvenir stores;
- (49) 453310, used merchandise stores;
- (50) 453910, pet and pet supplies stores;
- (51) 453920, art dealers;
- (52) 453930, manufactured (mobile) home dealers;
- (53) 453991, tobacco stores;
- (54) 453998, all other miscellaneous store retailers (except tobacco stores);
- ~~(32)~~ (55) 454111, electronic shopping;
- ~~(33)~~ (56) 454112, electronic auctions;
- ~~(34)~~ (57) 454113, mail-order houses;
- ~~(35)~~ (58) 454210, vending machine operators;
- ~~(36)~~ (59) 454311, heating oil dealers;
- ~~(37)~~ (60) 454312, liquefied petroleum gas (bottled gas) dealers;
- ~~(38)~~ (61) 454319, other fuel dealers; and
- ~~(39)~~ (62) 454390, other direct selling establishments.

G. Transportation and warehousing:

[For text of subitems (1) to (5), see M.R.]

- (6) 482111, line haul railroads;
- (7) 482112, short line railroads;
- ~~(6)~~ (8) 483111, deep sea freight transportation;
- ~~(7)~~ (9) 483112, deep sea passenger transportation;

- ~~(8)~~ (10) 483113, coastal and great lakes freight transportation;
- ~~(9)~~ (11) 483114, coastal and great lakes passenger transportation;
- ~~(10)~~ (12) 483211, inland water freight transportation;
- ~~(11)~~ (13) 483212, inland water passenger transportation;
- ~~(12)~~ (14) 484110, general freight trucking, local;
- ~~(13)~~ (15) 484121, general freight trucking, long-distance, truckload;
- ~~(14)~~ (16) 484122, general freight trucking, long-distance, less than truckload;
- ~~(15)~~ (17) 484210, used household and office goods moving;
- ~~(16)~~ (18) 484220, specialized freight (except used goods) trucking, local;
- ~~(17)~~ (19) 484230, specialized freight (except used goods) trucking, long-distance;
- (20) 485111, mixed mode transit systems;
- (21) 485112, commuter rail systems;
- (22) 485113, bus and other motor vehicle transit systems;
- (23) 485119, other urban transit systems;
- (24) 485210, interurban and rural bus transportation;
- (25) 485310, taxi service;
- (26) 485320, limousine service;
- (27) 485410, school and employee bus transportation;
- (28) 485510, charter bus industry;
- (29) 485991, special needs transportation;
- (30) 485999, all other transit and ground passenger transportation;
- ~~(18)~~ (31) 486110, pipeline transportation of crude oil;
- ~~(19)~~ (32) 486210, pipeline transportation of natural gas;
- ~~(20)~~ (33) 486910, pipeline transportation of refined petroleum products;
- ~~(21)~~ (34) 486990, all other pipeline transportation;
- ~~(22)~~ (35) 487110, scenic and sightseeing transportation, land;
- ~~(23)~~ (36) 487210, scenic and sightseeing transportation, water;
- ~~(24)~~ (37) 487990, scenic and sightseeing transportation, other;
- (38) 488111, air traffic control;
- (39) 488119, other airport operations;
- (40) 488190, other support activities for air transportation;
- (41) 488210, support activities for rail transportation;
- (42) 488310, port and harbor operations;
- (43) 488320, marine cargo handling;
- (44) 488330, navigational services to shipping;
- (45) 488390, other support activities for water transportation;
- (46) 488410, motor vehicle towing;
- (47) 488490, other support activities for road transportation;
- (48) 488510, freight transportation arrangement;
- (49) 488991, packing and crating;
- (50) 488999, all other support activities for transportation;
- (51) 491110, postal service;
- ~~(25)~~ (52) 492110, couriers;
- ~~(26)~~ (53) 492210, local messengers and local delivery;
- ~~(27)~~ (54) 493110, general warehousing and storage;
- ~~(28)~~ (55) 493120, refrigerated warehousing and storage;
- ~~(29)~~ (56) 493130, farm product warehousing and storage; and
- ~~(30)~~ (57) 493190, other warehousing and storage.

H. Administrative and support and waste management and remediation services:

- (1) 561710, exterminating and pest control services;
- (2) 561720, janitorial services;
- (3) 561730, landscaping services;
- (4) 561740, carpet and upholstery; and
- (5) 561790, other services to buildings and dwellings.

Exempt Rules

H.I. Health care and social assistance:

- (1) 621610, home health care services;
- (2) 622110, general medical and surgical hospitals;
- (3) 622210, psychiatric and substance abuse hospitals;
- (4) 622310, specialty (except psychiatric and substance abuse) hospitals;
- (5) 623110, nursing care facilities;
- (6) 623210, residential mental retardation facilities;
- (7) 623220, residential mental health and substance abuse facilities;
- (8) 623311, continuing care retirement communities;
- (9) 623312, homes for the elderly;
- (10) 623990, other residential care facilities;
- (11) 624110, child and youth services;
- (12) 624120, services for the elderly and persons with disabilities;
- (13) 624190, other individual and family services;
- (14) 624210, community food services;
- (15) 624221, temporary shelters;
- (16) 624229, other community housing services;
- (17) 624230, emergency and other relief services;
- (18) 624310, vocational rehabilitation services; and
- (19) 624410, child day care services.

I. Arts, entertainment, and recreation:

- (1) 711110, theater companies and dinner theaters;
- (2) 711120, dance companies;
- (3) 711130, musical groups and artists;
- (4) 711190, other performing arts companies;
- (5) 711211, sports teams and clubs;
- (6) 711212, racetracks;
- (7) 711219, other spectator sports;
- (8) 711310, promoters of performing arts, sports, and similar events with facilities;
- (9) 711320, promoters of performing arts, sports, and similar events without facilities;
- (10) 711410, agents and managers for artists, athletes, entertainers, and other public figures;
- (11) 711510, independent artists, writers, and performers;
- (12) 712110, museums;
- (13) 712120, historical sites;
- (14) 712130, zoos and botanical gardens; and
- (15) 712190, nature parks and other similar institutions.

[For text of item J, see M.R.]

K. Other services, except public administration: 811310, commercial and industrial machinery and equipment (except automotive and electronic) repair and maintenance.

Proclamations

Proclamations by the Governor (*Minnesota Statutes* § 4.04) may be published in the *State Register*. All proclamations of the Governor required or authorized by law shall be filed with the Secretary of State. Extra Sessions of the Legislature are called by means of a proclamation. The Governor also proclaims one day in each year as a day of solemn and public thanksgiving and no official state business may be transacted on that day.

Office of the Governor Designation of Polycystic Kidney Disease Awareness Week

Designating September 7 through September 13, 2008, as “Polycystic Kidney Disease Awareness Week”, to raise public awareness and understanding of polycystic kidney disease (known as PKD);

WHEREAS PKD is one of the most prevalent life-threatening genetic disease with devastating impact, in both human and economic terms, on people of all ages, and affects equally people of all races, sexes, nationalities, geographic locations, and income levels;

WHEREAS it is estimated that about 600,000 patients in the United States have PKD, and that countless additional friends, loved ones, spouses, and caregivers must shoulder the physical, emotional, and financial burdens that PKD causes;

WHEREAS PKD, for which there is neither cure nor effective drug treatment, is 1 of the 4 leading causes of kidney failure in the United States;

WHEREAS the vast majority of PKD patients reach kidney failure at an average age of 53, causing a severe strain on dialysis and kidney transplantation resource in the United States, as the largest segment of the population of the United States, the “baby boomers,” continues to age;

WHEREAS end stage renal disease is one of the fastest growing components of the Medicare budget, and PKD contributes to that cost by an estimated \$2,000,000,000 annually for dialysis, kidney transplantation, and related therapies;

WHEREAS PKD is a systemic disease that causes damage to the kidney and the cardiovascular, endocrine, hepatic, and gastrointestinal organ systems and instills in patients a fear of an unknown future with a life-threatening genetic disease and apprehension over possible genetic discrimination;

WHEREAS there are thousands of volunteers nationwide (including an active chapter here in MN – contact pkdmnchapter@comcast.net) who are dedicated to expanding essential research, fostering public awareness and understanding of PKD, educating PKD patients and their families, providing appropriate moral support, and encouraging people to become organ donors; and

WHEREAS these volunteers engage in an annual national awareness event called the Walk for PKD, to be held in 2008 on Saturday, Sept 13th at Normandale Lake Park in Bloomington, such a week would be an appropriate time to designate as Polycystic Kidney Disease Awareness Week:

NOW, THEREFORE, BE IT RESOLVED that the state of Minnesota

1. Designates September 7 through September 13, 2008, as “Polycystic Kidney Disease Awareness Week”;
2. Supports the goals and ideals of a Polycystic Kidney Disease Awareness Week to raise public awareness and understanding of polycystic kidney disease (known as “PKD”);
3. Recognizes the need for additional research into a cure for PKD and encourages the people of Minnesota to support PKD Awareness Week through appropriate ceremonies and activities to promote public awareness of PKD and to foster understanding of the impact of the disease on patients and their families, including participation in the Minnesota Walk for PKD to be held on Saturday, Sept 13th at Normandale Lake Park in Bloomington, MN (Contact twincitieswalk@pkdcure.org).

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.

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Minnesota Board of Animal Health Notice of Quarterly Meeting on September 17, 2008

The Minnesota Board of Animal Health will hold its quarterly meeting on Wednesday, September 17, 2008 at the Leatherdale Equine Center, 1801 Dudley Ave, St. Paul, MN 55108 at 9:30 am in the Nutrena Conference Room.

Minnesota Comprehensive Health Association Notice of Meeting of the Board of Directors September 10, 2008

NOTICE IS HEREBY GIVEN that a meeting of the Minnesota Comprehensive Health Association’s (MCHA) Board of Directors will be held at 8:00 a.m. on Wednesday, September 10, 2008, at the MCHA Executive Office, 5775 Wayzata Blvd., Suite 910, St. Louis Park, MN.

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

Department of Human Services Provider and Enrollment Division Notice of availability of the Minnesota Health Care Programs Provider Participation List [*Minnesota Rules*, Parts 9505.5200 to 9505.5240, also known as DHS Rule 101-Provider Compliance List]

NOTICE IS HEREBY GIVEN that the Minnesota Health Care Programs provider participation list for **June 2008** is now available. The provider participation list is a compilation of health care providers who are in compliance with DHS Rule 101 (*Minnesota Rules*, Parts

9505.5200 to 9505.5240). If a provider name is not on the list, the Department considers the provider non-compliant. The list of providers is separated by provider type, each section is in alphabetical order by provider name, and there is no additional information on the list other than the provider's name. This list is distributed on a quarterly basis to the Department of Employee Relations, the Department of Labor and Industry, and the Department of Commerce. To obtain the list, contact Julie Hervas, Rule 101 Specialist, at (651) 431-2704 or toll-free at 1-800-366-5411. You may fax your request to (651) 431-7462 or mail to the Department of Human Services, PO Box 64987, St. Paul, MN 55164-0987.

Cal Ludeman, Commissioner
Department of Human Services

Metropolitan Council Adoption of the 2009-2012 Transportation Improvement Program (TIP) for the Twin Cities Metropolitan Area

The Metropolitan Council intends to adopt the 2009-2012 Transportation Improvement Program (TIP) for the Twin Cities Metropolitan Area at its September 10, 2008 meeting. The program includes highway, transit, bikeway and pedestrian enhancements and air quality projects that will use federal funds in the seven-county metropolitan area over the next four years. This TIP also contains Metropolitan Council's Program of Transit Projects (POP), which includes transit projects for Metro Transit, Metro Mobility, Contracted Services and Opt Outs. The program is prepared annually in accordance with federal requirements and must contain all projects that are to be implemented with federal transportation funding assistance.

- **Metropolitan Council Meeting**
Wednesday, September 10, 2008, 4:00 P.M.
Metropolitan Council Chambers
390 Robert St. N.
St. Paul, Minnesota

The TIP is prepared jointly by the Metropolitan Council and the Minnesota Department of Transportation. Projects contained in the TIP reflect the region's priorities and help implement the region's transportation plan. Progress made on implementing the region's transportation plan is reported in the TIP. Projects have been analyzed to determine impact on regional air quality.

The Council's Transportation Advisory Board (TAB) initiated the public input process on May 21, 2008, when it adopted the draft 2009-2012 TIP for purposes of a public hearing. The public hearing was held on June 18, 2008. The public comment period closed on July 7, 2008. Copies of all comments received were sent to TAB Members for their consideration. Staff response and recommendations were included in the public comment report that was accepted by the TAB at its August 20, 2008 meeting. The TAB adopted the final 2009-2012 TIP at that time and forwarded it to the Metropolitan Council for action.

Upon request, the Council will provide reasonable accommodation to persons with disabilities. Free copies of the 2008-2011 Transportation Improvement Program are available at the Council's Regional Data Center. Call (651) 602-1140 or TTY (651) 291-0904 to request a copy. Other background materials describing the Council's transportation planning and programming efforts also are available.

Questions about the hearing or transportation assumption and technical materials may be directed to Kevin Roggenbuck (651) 602-1728, or Carl Ohrn (651) 602-1719, Metropolitan Council, 390 Robert St. N., St. Paul, MN 55101.

Metropolitan Council Notice of Public Hearings to Consider Adjustment of Regional Transit Fares

The Metropolitan Council will hold a series of Public Hearings to receive comments on new recommended fare prices for Northstar Commuter Rail service to begin in late 2009.

Official Notices

Recommendation will be posted at www.metrotransit.org and available at Metropolitan Council Data Center beginning in mid-September.

All interested persons are encouraged to attend the hearings and offer comments. Those attending may register in advance to speak by call the Data Center at 651-602-1140.

The public hearings will be held at the following times and locations:

- **Wednesday, October 15: Noon – 1 p.m.**
Minneapolis Center Library, Doty Room
300 Nicollet Mall, Minneapolis
Served by Routes 3, 4, 6, 10, 11, 16, 17, 18, 25, 675
- **Wednesday, October 15: 6:30 – 7:30 p.m.**
Anoka County Government Center
Board Room 7th Floor
2100 Third Ave., Anoka
Served by Transit Routes 766, 805, 850, 852
- **Thursday, October 23: 7 – 8 p.m.**
Sherburne County Government Center Board Room
13880 US Hwy. 10
13880 Business Center Drive
Elk River, MN

The Council will also receive comments on the adjusted fare increase from October 1 to November 1 as follows:

- Written comments: Metropolitan Council Data Center - 390 N. Robert St., St. Paul, 55101
- Fax comments to: Data Center at (612) 602-1464
- Send TTY comments to: Data Center at (612) 291-0904
- E-mail: data.center@metc.state.mn.us
- Record comments on Council's Public Comment Line at (651) 602-1500

Minnesota State Rehabilitation Council Meetings through December 2008

The State Rehabilitation Council will meet on the following dates at the designated location. Meetings are held from 9:00 am to 2:00 pm. **Should changes occur, they will be posted in the State Register.** For more information or accommodation requests, please contact the Minnesota Department of Employment and Economic Development at: phone (800) 328-9095; 651-259-7364 . TTY: (800) 657-3973 or (651) 296-3900.

August 27, 2008

Radisson Hotel Roseville
2540 North Cleveland Avenue
Roseville, MN 55113
9:00 to 2:00

September 24, 2008

Independent Living /Vocational Rehabilitation Public Forum
St. Cloud Radisson Suite Hotel
404 W. Saint Germain St.
Saint Cloud, MN
9:30 to 5:00

See below for more detail

October 22, 2008

Radisson Hotel Roseville
2540 North Cleveland Avenue
Roseville, MN 55113
9:00 to 2:00

December 3, 2008

Radisson Hotel Roseville
2540 North Cleveland Avenue
Roseville, MN 55113
9:00 to 2:00

September Public Forum about New Public/Private Collaborations Expanding Independent Living and Vocational Services for Persons with Disabilities

The Minnesota State Rehabilitation Council (SRC), the Statewide Independent Living Council, and the Minnesota Department of Employment and Economic Development (DEED) will host a two-part public forum in St. Cloud, MN on Wednesday, September 24, 2008. The forum will be held at the St. Cloud Radisson Suite Hotel, 404 W. Saint Germain St., from 9:30 a.m. to 5:00 p.m.

The morning agenda, 9:30 a.m. to 11:30 a.m. features a moderated presentation and discussion about four local collaborative projects between the Department of Employment and Economic Development and Centers for Independent Living in Mankato, Marshall, St. Cloud, and St. Paul. The afternoon agenda, 12:45 p.m. to 5:00 p.m., features a moderated discussion of the morning presentation from 12:45 p.m. to 2:15 p.m., and a public comment period from 2:15 p.m. to 5:00 p.m.

The public comment period is open to any members of the public who wish to comment on the need for or satisfaction with independent living and employment services for individuals with disabilities in Minnesota.

Members of the Governor-appointed Statewide Independent Living and State Rehabilitation Councils, and representatives of the Department of Employment and Economic Development will be present to hear comments and respond to questions. Among the councils' statutory duties is making recommendations to state agencies for the improvement of independent living and vocational services for individuals with disabilities.

Sign language interpreters and real-time captioning will be present. Persons requiring additional information or accommodations may call or email Gail Lundeen: **Phone:** (651) 259-7364 (voice), **TTY:** (651) 296-3900; **e-mail:** gail.lundeen@state.mn.us

Teachers Retirement Association Notice of Meeting of the Board of Trustees September 19, 2008

The Board of Trustees, Minnesota Teachers Retirement Association will hold a meeting on Friday, September 19, 2008 at 9:30 a.m. in Suite 400, 60 Empire Drive, St. Paul, MN to consider matters which may properly come before the Board.

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.

Grant Applicants

Have you checked up on all the “active” state grants? For *State Register* subscribers a “Contracts & Grants” section is available that lists all grants and contracts open for bid. Open the *State Register* and click on Bookmarks in the upper left corner. You will see a list of ALL the current rules, with an INDEX, and previous years’ indices, as well as a list of all contracts and grants open for bid. Subscribe and receive LINKS to the *State Register*. You also receive Subscriptions cost \$180 a year (an \$80 savings). Here’s what you receive via e-mail:

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Department of Administration

STAR Program

Notice of Cosponsorship Funds for Transition Training Conferences

The STAR Program is pleased to announce the availability of \$10,000 in cosponsorship funds for transition conferences held in Minnesota. Conferences should focus on providing training relating to **transition and the use of Assistive Technology to assist students with disabilities who receive transition services under IDEA or adults with disabilities who are maintaining or transitioning to community living and/or employment.** The primary audience for these conferences must be people with disabilities, their families or professionals.

Conferences must be held no later than December 1, 2008. **Eligible applicants are** Minnesota schools/associations/organizations that provide services to individuals with disabilities and their families, advocates, providers or professionals; Minnesota chapters of national organizations; national organizations that are holding a conference in Minnesota; or out of state organizations that are holding a conference where cosponsorship funds will be used to support the participation of Minnesota residents. The maximum award per applicant is \$2,000. **Application deadline is Wednesday, September 10, 2008 at 3:00 p.m.** Please note: The STAR Program reserves the right to award less than the maximum of \$2,000 to an applicant, refuse to cosponsor a conference, or withdraw the availability of funds with notice.

For additional information or to request an application form, please contact:

Joan Gillum
STAR Program
358 Centennial Office Building
658 Cedar Street
St. Paul, MN 55155
Phone: (651) 201-2640
Toll free: (651) 888-234-1267
TTY: (800) 627-3529 or Minnesota Relay Service or 711
E-mail: star.program@state.mn.us

The application is also available at www.starprogram.state.mn.us.

Department of Administration

STAR Program

Notice of Operational Funding for Assistive Technology (AT) Device Reutilization

The STAR Program is pleased to announce the availability of a total of \$30,000 in operational funds for reutilization (reuse and recycling) of AT in Minnesota. **AT device reutilization includes device exchange activities and device recycle/refurbish/repair activities.** The primary audience for these funds are agencies interested in improving or expanding the reuse and recycling of AT for individuals with disabilities in Minnesota.

AT reuse services must be provided no later than December 1, 2008. **Eligible applicants are** Minnesota associations/organizations currently providing reutilization services to individuals with disabilities and their families, advocates, providers or professionals; or Minnesota chapters of national organizations. The maximum award per applicant is \$5,000. **Application deadline is Wednesday, September 10, 2008 at 3:00 p.m.** Please note: the STAR Program reserves the right to award less than the maximum of \$5,000 to an applicant or withdraw the availability of funds with notice.

For additional information or to request an application form, please contact:

Joan Gillum
STAR Program
358 Centennial Office Building
658 Cedar Street
St. Paul, MN 55155
Phone: (651) 201-2640
Toll free: (651) 888-234-1267
TTY: (800) 627-3529 or Minnesota Relay Service or 711
E-mail: star.program@state.mn.us

The application is also available at www.starprogram.state.mn.us.

Minnesota Department of Human Services

Managed Care and Payment Policy Division

Addendum to Request for Proposals to Provide Health Care Services under Prepaid Medical Assistance Program (PMAP) Including Minnesota Senior Care Plus (MSC+), Prepaid General Assistance Medical Care (PGAMC) and MinnesotaCare in Brown, Cass, Crow Wing, Dodge, Freeborn, Goodhue, Kanabec, Morrison, Sibley, Steele, Todd, Wabasha, Wadena and Waseca Counties

NOTICE IS HEREBY GIVEN that the Minnesota Department of Human Services through its Managed Care and Payment Policy Division has published an Addendum to its Request for Proposal to provide health care services under Prepaid Medical Assistance Program (PMAP) including Minnesota Senior Care Plus (MSC+), Prepaid General Assistance Medical Care (PGAMC) and MinnesotaCare in Brown, Cass, Crow Wing, Dodge, Freeborn, Goodhue, Kanabec, Morrison, Sibley, Steele, Todd, Wabasha, Wadena and Waseca Counties that was published in the August 25, 2008 State Register. In the Addendum, additional county information is available that needs to be addressed as part of the RFP response.

To obtain a full text of the RFP Addendum please log in to the Minnesota Department of Human Services RFP web site:
www.dhs.state.mn.us/id_000102

To obtain a paper copy of the RFP Addendum, please contact Pam Olson, at pam.r.olson@state.mn.us or at:

State Grants & Loans

Department of Human Services
Managed Care and Payment Policy Division
P.O. Box 64984
St. Paul, MN 551550984
Phone: (651) 431-2526
Fax: (651) 431-7426

This is the only person designated to answer questions by potential responders regarding this RFP.

The text of the RFP can also be viewed by visiting the Minnesota Department of Human Services RFP web site:
www.dhs.state.mn.us/id_000102

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.

Minnesota Department of Human Services Managed Care and Payment Policy Division Addendum to Request for Proposals to Provide Health Care Services under Prepaid Medical Assistance Program (PMAP) including Minnesota Senior Care Plus (MSC+), Prepaid General Assistance Medical Care (PGAMC) and MinnesotaCare in Brown, Cass, Crow Wing, Dodge, Freeborn, Goodhue, Kanabec, Morrison, Sibley, Steele, Todd, Wabasha, Wadena and Waseca Counties

NOTICE IS HEREBY GIVEN that the Minnesota Department of Human Services through its Managed Care and Payment Policy Division has published an Addendum to its Request for Proposal to provide health care services under Prepaid Medical Assistance Program (PMAP) including Minnesota Senior Care Plus (MSC+), Prepaid General Assistance Medical Care (PGAMC) and MinnesotaCare in Brown, Cass, Crow Wing, Dodge, Freeborn, Goodhue, Kanabec, Morrison, Sibley, Steele, Todd, Wabasha, Wadena and Waseca Counties that was published in the August 25, 2008 State Register. The Proposers' Conference has been rescheduled for September 5, 2008 at 9:00 a.m. at the Elmer L. Andersen Human Services Building, 540 Cedar Street, St. Paul, MN, Room 2223.

To obtain a paper copy of the original RFP, please contact Pam Olson, at pam.r.olson@state.mn.us or at:

Department of Human Services
Managed Care and Payment Policy Division
P.O. Box 64984
St. Paul, MN 55155-0984
Phone: (651) 431-2526
Fax: (651) 431-7426

This is the only person designated to answer questions by potential responders regarding this RFP.

The text of the RFP can also be viewed by visiting the Minnesota Department of Human Services RFP web site:
www.dhs.state.mn.us/id_000102

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.

State Contracts

Informal Solicitations: Informal solicitations for professional/technical (consultant) contracts valued at over \$5,000 through \$50,000, may either be published in the *State Register* or posted on the Department of Administration, Materials Management Division's (MMD) Web site. Interested vendors are encouraged to monitor the P/T Contract Section of the MMD Web site at www.mmd.admin.state.mn.us for informal solicitation announcements.

Formal Solicitations: Department of Administration procedures require that formal solicitations (announcements for contracts with an estimated value over \$50,000) for professional/technical contracts must be published in the *State Register*. Certain quasi-state agency and Minnesota State College and University institutions are exempt from these requirements.

Requirements: There are no statutes or rules requiring contracts to be advertised for any specific length of time, but the Materials Management Division strongly recommends meeting the following requirements:

- \$0 - \$5000 does not need to be advertised. Contact the Materials Management Division: (651) 296-2600
- \$5,000 - \$25,000 should be advertised in the *State Register* for a period of at least seven calendar days;
- \$25,000 - \$50,000 should be advertised in the *State Register* for a period of at least 14 calendar days; and
- anything above \$50,000 should be advertised in the *State Register* for a minimum of at least 21 calendar days

How to Work with Contracts

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State Department of Administration (Admin)

Minnesota State Colleges and Universities

Notice of Availability of Request for Proposal (RFP) for Designer Selection for: Workforce Program and Infrastructure Remodeling State Designer Selection Board Project No. 08-16

The State of Minnesota, acting through its Board of Trustees of the Minnesota State Colleges and Universities, on behalf of Minneapolis Community and Technical College, through the State Designer Selection Board, is soliciting proposals from interested, qualified consultants for architectural and engineering design services for the above referenced project.

A full Request for Proposals is available on the Minnesota State Colleges Universities website,
<http://www.finance.mnscu.edu/facilities/index.html>. click on "Announcements."

A copy of the pre-design is available for review at <http://www.finance.mnscu.edu/facilities/index.html>. An informational meeting is scheduled for **9:00 AM, September 3, 2008 in L-3100** at Minneapolis Community and Technical College, 1501 Hennepin Avenue, Minneapolis, MN 55403. All firms interested in this meeting should contact Valerie Frolov at (612) 659-6808 or Valerie.frolov@minneapolis.edu to sign up for the meeting. Project questions will also be taken by this individual.

Proposals must be delivered to Real Estate and Construction Services front desk in, **room 309 of the Administration Building, 50 Sherburne Ave., St. Paul, MN 55155 not later than 4:00 P.M., September 15, 2008**. Late responses will not be considered.

Minnesota State Colleges and Universities are not obligated to complete the proposed project and reserve the right to cancel the solicitation if it is considered to be in its best interest.

State Contracts

State Department of Administration (Admin)

Minnesota State Colleges and Universities

Notice of Availability of Request for Proposal (RFP) for Designer Selection for: Transportation and Emerging Technologies Renovation State Designer Selection Board Project No. 08-14

The State of Minnesota, acting through its Board of Trustees of the Minnesota State Colleges and Universities, on behalf of Dakota County Technical College, through the State Designer Selection Board, is soliciting proposals from interested, qualified consultants for architectural and engineering design services for the above referenced project.

A full Request for Proposals is available on the Minnesota State Colleges Universities website,
<http://www.finance.mnscu.edu/facilities/index.html> click on "Announcements."

A copy of the pre-design is available for review at <http://www.finance.mnscu.edu/facilities/index.html>. An informational meeting is scheduled for 9:00 AM, Wednesday September 3, 2008 at Dakota County Technical College, Room 2-142, on the Dakota County Technical College campus, 1300 145th Street East, Rosemount, MN 55068. All firms interested in this meeting should contact Paul DeMuth, at (651) 423-8370 or paul.demuth@dctc.edu to sign up to attend the meeting. Project questions will also be taken by this individual.

Proposals must be delivered to the Real Estate and Construction Services front desk in **room 309 of the Administration Building**, 50 Sherburne Ave., St. Paul, MN 55155 **not later than 4:00 P.M., September 15, 2008**. Late responses will not be considered.

Minnesota State Colleges and Universities is not obligated to complete the proposed project and reserves the right to cancel the solicitation if it is considered to be in its best interest.

Department of Administration (Admin)

WSCA/NASPO Contract Administration

Pre-Solicitation Notification

The Minnesota Department of Administration, Materials Management Division, on behalf of the State of Minnesota, and in association with the National Association of State Procurement Officials (NASPO) and the Western States Contracting Alliance (WSCA) is preparing a Request for Proposal (RFP) from Manufacturers of Personal Computer Equipment and Related Devices for the WSCA/NASPO PC Contracts 2009-2014.

The purpose of this pre-solicitation announcement is to give interested parties notice that the RFP will be issued in September, 2008.

The Contracts resulting from the RFP will replace the current WSCA/NASPO PC Contracts 2004-2009. For reference purposes, you may see copies of all the RFP's issued under the WSCA/NASPO PC Contracts 2004-2009 at the following url:

<http://www.mmd.admin.state.mn.us/wsca/News.htm>.

This might assist you in understanding both the process and requirements for these contracts. The current contracts are generating an average of over \$2 billion in sales annually. As of July 18, 2008, twenty states have executed an Intent to Participate in the new contracts.

The RFP will include EPEAT minimum requirements and preferences for verification of third-party certifications from bodies such as Blue Angel, Energy Star, etc.

The categories of equipment in the RFP will include, but not be limited to: servers, desktops, laptops, tablet PCs, PDAs, printers, multi-functional printing devices, storage solutions, monitors, local area network devices, and instructional bundles.

The sale of LCD Projectors, separate from an instructional bundle, will be allowed under the new Contracts resulting from the RFP.

Interested parties, who logged in and downloaded this document from the MMD website, will be added to an e-mail distribution list that will be used to announce the actual advertisement of the RFP in September, 2008.

However, interested parties are cautioned that it is still their responsibility to watch the MMD website for the solicitation announcement. MMD will not be held responsible for an interested party not receiving the e-mail notification announcement of the RFP.

The announcement will also be linked on www.naspo.org (under Cooperative Purchasing, Opportunities), www.aboutwsca.org (under Opportunities) and may appear, in compliance with applicable state laws, on the websites of states that potentially might participate in the resulting contracts.

Department of Administration

Division of State Architect's Office

Notice of Request for Qualifications (RFQ) and Fee Schedule for Professional Services of Minnesota Registered Architects, Engineers, Interior Designers, Land Surveyors, Landscape Architects, and Geoscientists

The Department of Administration, State Architect's Office ("State"), requests qualifications of Minnesota registered architects, engineers, interior designers, land surveyors, and geoscientists ("Consultant") to assist the State in providing studies, predesigns, design through construction documents, construction administration, post construction services, interior design, land surveys, geoscience, and project-related professional services as needed for up to a five-year period.. These projects will be varied in nature and scope and will involve new construction and remodeling, which includes but is not limited to buildings, commissioning, bridges, parking structures, site and utility work, roadways, and land development.

Unless otherwise provided in *Minnesota Statutes* § 16B.33, the following guidelines apply when using the Master Roster. State agency construction projects requiring a primary designer will have an estimated cost of construction of no greater than \$2,000,000.00; or a study, report, or predesign for a state agency planning project will have a consultant estimated fee no greater than \$200,000.00. Higher education construction projects requiring a primary designer will have an estimated cost of construction of no greater than \$2,000,000.00; and a study, report or predesign for a planning project will have a consultant estimated fee no greater than \$200,000.00. Primary Designers for Projects to construct, erect, or remodel a building with an estimated cost in excess of these amounts will be selected by the State Designer Selection Board in accordance with *Minnesota Statutes* § 16B.33.

The Request for Qualifications document may be found online at: www.sao.admin.state.mn.us. Copies of the RFQ may also be requested from:

Contracts Officer
State Architect's Office
301 Centennial Building, 658 Cedar Street
St. Paul, MN 55155-1625
(651) 201-2399

The Request for Qualifications and Fee Schedule will remain open continually to enable individuals and firms not currently on the Roster to submit their qualifications and fee schedules. One year after a completed response is added to the Master Roster, the firm will be asked whether it wants to remain on the roster. If the responder wants to continue to remain on the roster it will be able to update its fee schedule, and will be required to submit updated written documents. If no response is received within 30 days of the notice, the responder's name will be removed from the Master Roster until such time as it has re-submitted a complete response to the RFQ.

The State reserves the right to cancel this solicitation if it is considered to be in its best interest. The RFQ is not a guarantee of work and it does not obligate the State to award any contracts. The State reserves the right to discontinue the use or cancel all or any part of this Master Roster program if it is determined to be in its best interest. All expenses incurred in responding to this notice are solely the responsibility of the responder.

State Contracts

Minnesota Department of Agriculture (MDA)

Pesticide and Fertilizer Management Division

Request for Proposals (RFP) to Conduct Research in Agricultural Watersheds for the Total Maximum Daily Load (TMDL) Program

Notice of availability of contracts to select scientists and researchers to conduct research related to Total Maximum Daily Load (TMDL) in agricultural watersheds. MDA's Agricultural Research Advisory Committee identified the following research priorities (in no particular order):

- Investigate the relationship between tile drainage and surface water quality and hydrology.
- Develop, improve, and evaluate best management practices (BMPs) that address current impairments in agricultural water sheds (excess nutrients, fecal coliform, herbicides, turbidity).
- Characterize natural background levels of pollutants related to current surface water impairments with an emphasis on phosphorus within the framework of the current Clean Water Legacy Act definition (*Minnesota Statute* 114D.15 Subd. 10), historical trends, and contributions from legacy loads.

The contract period runs from February 1, 2009 through December 31, 2011 and research should cover two or three cropping seasons. Priority will be given to projects conducted on-farm that addresses *current* water quality impairments in agricultural watersheds. Projects may address multiple priorities where appropriate.

The full RFP may be viewed on the MDA Web Page at: <http://mda.state.mn.us/>.

If you have questions regarding this advertisement, or are having problems viewing the RFP on the MDA Web Page, you may contact:

Adam Birr

E-mail: adam.birr@state.mn.us

Telephone: (507) 285-7198

No other personnel or representatives are authorized to discuss this RFP with responders before the proposal submission deadline. Contact regarding this RFP with any other personnel not listed above could result in disqualification.

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

Note: RESPONSES ARE DUE ON FRIDAY, OCTOBER 31, 2008 NO LATER THAN 3:00 PM CDT.

Minnesota State Colleges and Universities (MnSCU)

Office of the Chancellor

Human Resources Division

Request for Proposals for Technical Communications and Technical Training Curriculum Development Consultants

NOTICE IS HEREBY GIVEN that the Office of the Chancellor Human Resources Division is requesting proposals to assist in assist in developing training materials and a training curriculum to support the many business practices that are the responsibility of a campus human resources office. The business practices of specific concern are those that result in use of the Human Resources Web based HRIS application. This project will include first documenting business processes with campus representatives and subsequently developing training materials, a training and communication plan, and training outline that will be of benefit to both new and long-employed Minnesota State Colleges and universities Human Resources staff. For a copy of the full Request for Proposal, please contact:

Heather Kidd

Minnesota State Colleges and Universities

30 7th Street East, Suite 350
St. Paul, MN 55101
Phone: (651) 296-6257
Fax: (651) 297-3145
E-mail: heather.kidd@so.mnscu.edu

Sealed proposals must be received at the above address no later than **Tuesday, September 16, 2008, at 4:00 p.m. CDT**. The responder shall submit two (2) copies of its RFP response. Proposals are to be sealed in mailing envelopes or packages with the responder's name and address clearly written on the outside. One copy of the proposal must be unbound and signed in blue or black ink by an authorized representative of the vendor. Proof of authority of the person signing must accompany the response. **Fax and e-mail responses will not be considered. Proposals received after this date and time will be returned to the responder unopened.**

This Request for Proposal (RFP) does not obligate the Minnesota State Colleges and Universities (MnSCU) system, its Board of Trustees or the Office of the Chancellor to award a contract or complete the proposed project and each reserves the right to cancel this RFP if it is considered to be in its best interest.

Minnesota State Colleges and Universities (MnSCU) Rochester Community and Technical College Notice of Request for Bid for the Hill Theater Rigging Replacement Project

NOTICE IS HEREBY GIVEN that Rochester Community and Technical College Request for Bid (RFB) for the rigging replacement project in the Hill Theater.

To receive a copy of the RFB, send an e-mail to june.meitzner@roch.edu or fax your request to (507) 285-7104.

Proposals are due back by Tuesday, September 16th, 2008 4:00 CDT and are to be addressed to June Meitzner, Rochester Community and Technical College, 851 - 30th Ave. S.E., Rochester, MN 55904.

Faxes are not acceptable. Late responses will not be considered.

Any question should be in a form of an RFI and directed to June Meitzner: June.meitzner@roch.edu

Minnesota State Colleges and Universities is not obligated to complete the proposed project and reserves the right to cancel this solicitation.

Minnesota State Colleges and Universities (MnSCU) Rochester Community and Technical College Notice of Request for Bid for the Purchase and Installation of Indoor Security Cameras

NOTICE IS HEREBY GIVEN that Rochester Community and Technical College Request for Bid (RFB) for the purchase and installation of indoor security cameras.

To receive a copy of the RFB, send an e-mail to june.meitzner@roch.edu or fax your request to (507) 285-7104.

Proposals are due back by Tuesday, September 16th, 2008 4:00 CDT and are to be addressed to June Meitzner, Rochester Community and Technical College, 851 - 30th Ave. S.E., Rochester, MN 55904.

State Contracts

Faxes are not acceptable. Late responses will not be considered.

Any question should be in a form of an RFI and directed to June Meitzner: June.meitzner@roch.edu

Minnesota State Colleges and Universities is not obligated to complete the proposed project and reserves the right to cancel this solicitation.

Department of Health

Notice of Availability of Contract for Quality Measurement and Incentive Payment System Design and Implementation

The Minnesota Department of Health requests proposals on quality measurement of health care providers; the development of a quality incentive payment system; and implementation of quality reporting. The Minnesota Department of Health seeks written recommendations on what specific measures should be chosen to measure quality of Minnesota health care providers in a standardized way. The Department also seeks written recommendations on how to incorporate a subset of the chosen quality measures into a quality incentive payment system. These written recommendations must also be informed by the input of stakeholders, including health care providers, health plan companies, consumers, employers or other health care purchasers, and state government. Finally, the Minnesota Department of Health requests proposals to implement this quality reporting system through data collection and processing as well as producing annual web-based reports on quality.

Work is proposed to start after October 27, 2008.

A Request for Proposals will be available by mail from this office through September 15, 2008. **A written request (by direct mail, fax or email) is required to receive the Request for Proposal.** After September 15, 2008, the Request for Proposal must be picked up in person.

The Request for Proposal can be obtained from:

Jessica Herrgott
Health Economics Program
85 E. 7th Place, Suite 220
Saint Paul, MN 55101
Phone: (651) 201-5803
Fax: (651) 201-5179
E-mail: Jessica.herrgott@state.mn.us

Proposals submitted in response to the Request for Proposals in this advertisement must be received at the address above no later than 4:00 pm, Central Time, September 30, 2008. **Late proposals will not be considered.** Fax or e-mailed 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.

Minnesota Historical Society

Notice of Request for Bids for Printing Five Issues of *History Matters* Newsletter and Accompanying Calendar

The Minnesota Historical Society is seeking bids from qualified and experienced vendors to provide all labor, material, and equipment to print five issues of the Society's *History Matters* newsletter and its accompanying calendar through August 2009. The eventual contract may also be extended for second year's worth of publications at the Society's option.

The Request for Bids is available by calling or writing Mary Green- Toussaint, Purchasing Coordinator, Minnesota Historical Society, 345 Kellogg Boulevard West, St. Paul, MN 55102. **Telephone:** (651) 259-3175; **e-mail:** mary.green-toussaint@mnhs.org.

Bids must be received no later than 2:00 p.m. Local Time, Thursday, September 18, 2008. No late bids will be accepted.

Dated: September 2, 2008

Minnesota Department of Human Services Managed Care and Payment Policy Division Notice of Request for Proposals to Evaluate the Minnesota Senior Care Program-Phase II

NOTICE IS HEREBY GIVEN that the Minnesota Department of Human Services is requesting proposals to conduct an independent assessment of the 1915(b) waiver, called the Minnesota Senior Care Program. The Independent Assessment must be conducted to meet the requirements described in 42 CFR §431.55 (b)(2). The successful responder, if any, will conduct data analysis and report findings related to access to and quality of care under the waiver.

Work is anticipated to start after October 31, 2008 and last through March 31, 2009. The Department has anticipated that the cost of this contract should not exceed Seventy-Five Thousand dollars (\$75,000). A Request for Proposal will be available by accessing the Department of Human Services public website after 12:00 noon Central Daylight Time on September 2, 2008 at:

www.dhs.state.mn.us/id_000102.

To obtain a paper copy of the RFP, contact Cara Bailey at: Cara.Bailey@state.mn.us or call (651) 431-2515.

Proposals submitted in response to the Request for Proposals in this advertisement must be received **by 4:00 p.m. (CDT) on October 1, 2008, to be considered**. Late Proposals will not be considered and will be returned unopened to the submitting party. **Faxed or e-mailed Proposals will not be accepted.**

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.

Minnesota State Lottery Request for Proposals for Sponsorship Agreements

Description of Opportunity

The Minnesota State Lottery develops sponsorship agreements throughout the year with organizations, events, and sports teams to create excitement for lottery players, to interest new players and increase the visibility of lottery games. The Lottery encourages and continually seeks new sponsorship agreements to help achieve current Lottery marketing goals.

Proposal Content

A sponsorship proposal presented to the Lottery should meet the following three criteria:

1. Maximize Lottery Visibility – the event, sports or tie-in proposal should draw a large number of desired participants (typically 50,000 or more) whose demographics match the Lottery player profile. The Lottery is interested in effectively delivering its message of fun and entertainment to Minnesota adults whose demographics skew primarily towards those aged 25-64, with a household income of \$35,000-\$75,000, and having an educational background of some college or higher. The Lottery does not market to those under the age of 18, and family events with high levels of children present are generally not accepted. Attendance, on-site signage visibility and paid media exposure will be critical components that will be evaluated.

State Contracts

2. Enhance Lottery Image- – the event, sports or tie-in proposal should inherently project the attitude that the Lottery is a fun and socially acceptable part of the community. The Lottery’s presence should fit well within the lineup of other sponsors. The Lottery is interested in creating opportunities whereby the sponsorship can translate into sales revenue, either via on-site sales from a Lottery booth, from sales-generating promotions with Lottery retailers or from joint programs with the sponsor’s media partners.

3. Provide Promotional Extensions – the event, sports or tie-in proposal should offer exciting, value-added ways to interact with our players and have opportunities to motivate attendees, listeners and viewers to participate in and purchase Lottery games. The proposal must include proper staffing availability or other considerations to help the Lottery implement any appropriate promotional extension ideas.

Proposals should address all pertinent elements of the sponsorship and how the Lottery criteria as stated above and on the Evaluation Form are to be met. To view or print copies of the Request for Proposal go to: <http://www.mnlottery.com/vendorops.html>

This Solicitation does not obligate the state to award a contract or pursue a proposed sponsorship opportunity, and the state reserves the right to cancel the solicitation if it is considered to be in its best interest.

Questions

Questions concerning this Solicitation should be directed to:

John Mellein, Marketing Director
Minnesota State Lottery
2645 Long Lake Road
Roseville, MN 55113
Telephone: (651) 635-8230
Toll-free: (888) 568-8379 ext. 230
Fax: (651) 297-7496
TTY: (651) 635-8268
E-mail: johnm@mnlottery.com

Other personnel are not authorized to answer questions regarding this Solicitation.

Response Delivery

All responses must be in writing and delivered to the contact noted above. Proposals will be accepted on an ongoing basis.

Department of Natural Resources (DNR) Notice of Availability of Contract for an On-line Boating Safety Course for DNR CERTIFICATION # 16202

The Minnesota Department of Natural Resources is requesting proposals for the purpose of developing and hosting an on-line, at no cost to the State, an Internet-based boating safety education course to be used by Minnesota water recreation enthusiasts to become safer boaters. Young boaters will be able to obtain their Minnesota Watercraft Operator’s permit upon completion.

Work is proposed to start after October 15, 2008.

A Request for Proposals will be available by mail from this office September 3, 2008. **A written request (by direct mail or fax) is required to receive the Request for Proposal.** After September 3, 2008, the Request for Proposal must be picked up in person.

The Request for Proposal can be obtained from:

Tim Smalley
MN Department of Natural Resources
Boat & Water Safety Section

500 Lafayette Rd.
St. Paul, MN 55155-4046
Phone: (651) 259-5354
E-mail: *tim.smalley@dnr.state.mn.us*

Proposals submitted in response to the Request for Proposals in this advertisement must be received at the address above no later than **2:30 p.m., Central Daylight Time, Thursday September 11. Late proposals will not be considered.** Fax or e-mailed 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 Natural Resources (DNR) Division of Ecological Resources Environmental Policy and Review Unit Notice of Request for Proposal for Consultant Services to Prepare a Joint State/ Federal Environmental Impact Statement (EIS) for the Proposed Mesabi Nugget Phase II Project

NOTICE IS HEREBY GIVEN that the Minnesota Department of Natural Resources (DNR), a state agency, seeks the services of a professional consultant to assist in preparing an environmental impact statement for the Mesabi Nugget Phase II Project near the Cities of Hoyt Lakes and Aurora, St. Louis County, Minnesota.

The DNR is Responsible Governmental Unit (RGU) is required to prepare an EIS for this project under *Minnesota Rules* 4410.4400, subpart 8. The agency is cooperating with the US Army Corps of Engineers (USACE), which is the Lead Federal Agency for the federal EIS.

The proposed Mesabi Nugget Phase II Project will produce iron oxide concentrate using established methods of magnetic separation and flotation. The major project components include: reactivation of a taconite mine; installation of a new crusher; and installation of a new concentrator with magnetic separation and flotation. The project will be located north of Hoyt Lakes, MN. The project will be located entirely on portions of the former LTV Steel Mining Company site, which was also known as Erie Mining Company prior to 1986. Prior to taconite mining, natural ore mining occurred in nearby pits as early as 1903.

The DNR seeks the services of a consultant with expertise in: preparing joint state and federal EISs and other environmental review documents; metallic mining operations and engineering; metallurgical and mineral processing; mineland reclamation; wastewater treatment; mercury methylation; waste management and spill prevention; municipal/domestic drinking water wells/operations; land use management/planning (shoreland zoning, variances, land use plans); erosion and sedimentation issues; geological and geotechnical evaluations; transportation and traffic analysis; archaeological, historical, and cultural resources; socioeconomics; visual impact evaluations; blasting & noise modeling analysis; air emission impact analysis & control technology assessment (Class I & II, Human Health & Ecological Risk Assessments, BACT, MACT); hydrology/hydrogeology; water quality analysis/modeling; water budgets and watershed yield models; stream ecology and geomorphology assessments (Rosgen analysis); wetland delineation, functional analysis, and mitigation; state and federal threatened and endangered species; aquatic ecology (biological monitoring studies); wildlife biology; and cumulative impact analysis.

The consultant must conduct necessary data collection and analysis, and prepare draft and final EISs, that fulfill the requirements of *Minnesota Rules* parts 4410.0200 to 4410.6500, the National Environmental Policy Act (NEPA) (42 U.S.C. §§ 4321 to 4347), the NEPA implementing regulations (40 C.F.R. parts 1500 to 1508, in particular 40 C.F.R. part 1502), and the USACE NEPA regulations (33 C.F.R. part 325 appendix B).

State Contracts

The full Request for Proposal contains detailed information about the proposed mine project and proposal content requirements. Call or write for the full request, which will be sent free of charge to interested vendors. Contact:

Kirk Rosenberger
MN Department of Natural Resources
Division of Ecological Services, Box 25
500 Lafayette Road
St. Paul, MN 55155-4025
Phone: (651) 259-5163

Proposals from interested parties must be submitted to the department by **4:00 p.m.** on **Wednesday, September 24, 2008.**

Department of Transportation (Mn/DOT) Engineering Services Division Notice of Potential Availability of Contracting Opportunities for a Variety of Highway Related Technical Activities (“Consultant Pre-Qualification Program”)

This document is available in alternative formats for persons with disabilities by calling Juanita Voigt at (651) 366-4774 for persons who are hearing or speech impaired by calling Minnesota Relay Service at (800) 627-3529.

Mn/DOT, worked in conjunction with the Consultant Reform Committee, the American Council of Engineering Companies of Minnesota (ACEC/MN), and the Department of Administration, to develop the Consultant Pre-Qualification Program as a new method of consultant selection. The ultimate goal of the Pre-Qualification Program is to streamline the process of contracting for highway related professional/technical services. Mn/DOT awards most of its consultant contracts for highway-related technical activities using this method, however, Mn/DOT also reserves the right to use Request for Proposal (RFP) or other selection processes for particular projects. Nothing in this solicitation requires Mn/DOT to use the Consultant Pre-Qualification Program.

Mn/DOT is currently requesting applications from consultants. Refer to Mn/DOT’s Consultant Services web site, indicated below, to see which highway related professional/technical services are available for application. Applications are accepted on a continual basis. All expenses are incurred in responding to this notice will be borne by the responder. Response to this notice becomes public information under the Minnesota Government Data Practices.

Consultant Pre-Qualification Program information, application requirements and applications forms are available on Mn/DOT’s Consultant Services web site at: <http://www.dot.state.mn.us/consult>.

Send completed application material to:

Juanita Voigt
Consultant Services
Office of Technical Support
Minnesota Department of Transportation
395 John Ireland Blvd. Mail Stop 680

Department of Transportation (Mn/DOT) Engineering Services Division 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 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 Bids, 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 commodity, project or tasks; 4) cost estimate; and 5) final submission date of completed contract proposal. Allow at least three weeks from publication date (four weeks from the date article is submitted for publication). Surveys show that subscribers are interested in hearing about contracts for estimates as low as \$1,000. Contact editor for further details.

Metropolitan Council

Notice of Request for Proposals (RFP) for Contract for Temporary Laboratory Staffing

Reference Number 08P109

The Metropolitan Council is soliciting proposals for temporary laboratory staffing services including laboratory aids, laboratory technicians, and scientists.

The anticipated schedule for this procurement is:

<i>Issue Request for Proposals</i>	August 25, 2008
<i>Proposals Due</i>	September 12, 2008
<i>Award Contract</i>	Sept. – Oct. 2008

All firms interested in submitting proposals for this contract and desiring to receive an RFP package are invited to make a request either by e-mail, fax or mail to:

Miriam Lopez-Rieth, Administrative Assistant
Contracts and Procurement Unit
Metropolitan Council
390 North Robert Street
St. Paul, MN 55101
Fax: (651) 602-1083
E-mail: miriam.lopez-rieth@metc.state.mn.us

Non-State Bids, Contracts & Grants

Metropolitan Council

Notice of Request for Proposals (RFP) for the East Bethel Water Reclamation Facility Plan, Permitting, Design and Construction Services

Contract Number 08P119

The Metropolitan Council is soliciting engineering services proposals for the East Bethel Water Reclamation Project. This project will include completion of a facility plan, design and preparation of bidding documents for groundwater recharge sites and spray irrigation sites and construction support services. The facility plan will integrate and summarize previously completed water reclamation plant and groundwater recharge conceptual design and provide planning services for implementing spray irrigation applications as part of the initial facility permitting process.

The Council plans to execute one contract with a term ending January 31, 2010.

The *anticipated* schedule for this procurement is:

<i>Issue RFP</i>	September 3, 2008
<i>Proposals Due</i>	October 3, 2008
<i>Award of Contract</i>	October 2008
<i>Project Initiation</i>	November 2008

Firms interested in providing these services should request a copy of the RFP from the contact listed below:

Miriam Lopez-Rieth, Administrative Assistant
Metropolitan Council
390 Robert Street North
St. Paul, MN 55101-1805
Phone: (651) 602-1095
Fax: (651) 602-1083
E-mail: Miriam.Lopez-Rieth@metc.state.mn.us

Metropolitan Council - Metro Transit

Request for Proposals for Go-To Card Application for NexTrip Interactive Voice Recognition System

Procurement No. 7838

Metro Transit, a division of the Metropolitan Council, is requesting proposals from firms to integrate Go-To Card accounts with its NexTrip Interactive Voice Recognition System. Go-To Cards are rechargeable smart cards used by Metro Transit customers to pay fares. This project will allow customers to access and process transactions, such as adding value, to their Go-To Card accounts through NexTrip, the automated voice response system. This application will require two interfaces from NexTrip: one to the fare collection system and one to the credit card processing system.

Proposals are due September 22, 2008. Work is to be completed by December 31, 2008.

Firms interested in receiving the Request for Proposals document should contact:

Candace Osiecki
Metro Transit Purchasing Department
515 N. Cleveland Avenue
St. Paul, MN 55114
Phone: (612) 349-5070
Fax: (612) 349-5069
E-mail: candace.osiecki@metc.state.mn.us

Non-State Bids, Contracts & Grants

University of Minnesota Center for Transportation Studies Request for Information (RFI) for Professional Services

The Center for Transportation Studies at the University of Minnesota is seeking qualified vendors to provide the following professional service(s):

- Grant/Proposal Writing, Formatting, and Production Services : RFI 1019
- Writing/Editing and Publication Production Services : RFI 1020

The purpose of this RFI is to gather information about the qualifications of contractors who perform this/these professional service(s), since CTS or the programs it administers may need to purchase these services in the future.

This RFI is NOT a request for a proposal, bid, or quotation. The RFI does not obligate the University of Minnesota to any particular vendor or dollar amount. Rather, the RFI is simply intended to gather information regarding the services available in order to create a pool of potential contractors.

RFIs are posted on the CTS Web site at: <http://www.cts.umn.edu/About/RFI/>

For administrative information, please contact:

Penny Harris
Center for Transportation Studies
200 Transportation and Safety Building
511 Washington Ave. S.E.
Minneapolis, MN 55455
Phone: (612) 625-9246
E-mail: harri163@cts.umn.edu

Initial submission deadline for proposals is 4:00 p.m. October 11th, 2008.

University of Minnesota (U of M) Subscribe to Bid Information Service (BIS)

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

Request for Bids/Proposals are also available to the public each business day from 8:00 a.m. to 4:30 p.m. in the Purchasing Services lobby, Suite 560, 1300 S. 2nd Street, Minneapolis, Minnesota 55454.

Non-State Bids, Contracts & Grants

University of Minnesota

University of Minnesota – All Campuses

Request for Qualifications for Architectural/Engineering/Consulting Qualification Program

RFQ # 10251-2008-0829

I. NOTICE OF REQUEST FOR QUALIFICATIONS

The University is interested in developing a qualification program for architectural, engineering, and consulting firms. The intent of the Architectural / Engineering / Consulting Qualification Program is to establish a group of Respondents prepared to respond quickly to our project needs, to act rapidly in fulfilling our requests for information, and to perform consistently to our professional standards. The University will implement a process designed to save money, save time, increase value, and add flexibility to our design and construction process. The University also intends to provide consultants with more successful delivery of projects and to fairly record the performance for future reference.

The University will enter into multiple agreements with architects/engineers/consultants interested in providing service to the University. The number of designers to be qualified into this program will depend on the University’s anticipated needs, and the quality of the qualifications. The program as established in the RFQ has no minimum requirements for work to be awarded to each selected Respondent; however, the University will ensure that all Respondents will have a fair and reasonable opportunity to provide service.

Visit <http://www.cppm.umn.edu/purchasing/rfp.html> to download a full copy of the RFQ

II. CONTACT FOR RFQ INQUIRIES:

Refer questions to:

PURCHASING SERVICES:

Mr. Kevin Sullivan
Capital Planning & Project Management & Facilities Management
400 Donhowe Building
319 15th Ave. SE
Minneapolis, MN 55455-1082
E-mail: *sull0198@umn.edu*
Phone: (612) 626-8757
Fax: (612) 624-5796

III. TENTATIVE SCHEDULE OF EVENTS

(Be advised that these dates are subject to change as University deems necessary.)

	DATE:
RFQ issue.....	September 2, 2008
Mandatory Pre-Qualification Meeting.....	September 15, 2008
Last Day for Question @ Noon.....	October 3, 2008
RFQ Responses due @ Noon.....	October 15, 2008

The University reserves the right, in its sole discretion, to reject any and all proposals, accept any proposal, waive informalities in proposals submitted, and waive minor discrepancies between a proposal and these proposal instructions, as it deems to be in its best interest. Any waiver of the University with respect to the requirements of these proposal instructions shall apply only to the particular instance for which it was made or given, and no such waiver shall constitute a permanent or future waiver of such requirements.

Non-State Bids, Contracts & Grants

University of Minnesota (U of M)

Seeking Sand & Aggregate Mining Partner(s) at UMore Park, City of Rosemount and Empire Township, Minnesota

RFQ # 11021-2008-0825

I. NOTICE OF REQUEST FOR QUALIFICATIONS

The University of Minnesota desires to identify and contract with one or more mining partners to do the mining and reclamation of large tracts of UMore Park which is currently an undeveloped agricultural research property. Consecutive with and subsequent to mining, UMore Park may be developed into a dynamic, University-founded community for the 21st century.

The University wants to recover this regionally significant sand and gravel resource for the benefit of the larger community, at the same time as generating financial support for the University's mission. Mining is an interim use and the reclamation of land post-mining can be used to further increase the interest and opportunity for subsequent development.

The University seeks a mining partner or partners who will perform to the highest operating standards at the best possible rate of financial support to the University. The mining partner(s) must demonstrate the capacity, track record and planning to show that they will be the best suited to what could be a several decades-long partnership with the University. Operations must be conducted in a manner consistent with the principles established by the Board of Regents.

Visit: <http://www.cppm.umn.edu/purchasing/rfp.html> to download a full copy of the RFQ

II. CONTACT FOR RFQ INQUIRIES:

Refer questions to:

PURCHASING SERVICES:

Mr. Denis Larson

Capital Planning & Project Management & Facilities Management

400 Donhowe Building

319 15th Ave. SE

Minneapolis, MN 55455-1082

Phone: (612) 625-5554

FAX: (612) 624-5796

E-mail: d-lars@umn.edu

III. TENTATIVE SCHEDULE OF EVENTS

(Be advised that these dates are subject to change as University deems necessary.)

	DATE
RFQ issue.....	August 25, 2008
Last Day for Question @ Noon.....	September 12, 2008
RFQ Responses due @ Noon.....	September 30, 2008

The University reserves the right, in its sole discretion, to reject any and all proposals, accept any proposal, waive informalities in proposals submitted, and waive minor discrepancies between a proposal and these proposal instructions, as it deems to be in its best interest. Any waiver of the University with respect to the requirements of these proposal instructions shall apply only to the particular instance for which it was made or given, and no such waiver shall constitute a permanent or future waiver of such requirements.

